

# CICS Explorer Update What's New in 1.1?

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**IBM**

**March 15, 2012**  
**Session: 10293**

# Agenda – What's New in CICS Explorer 1.1

- **Overview / History**
- **Install Information**
- **General**
- **z/OS**
- **Events**
- **Atom**
- **SM Administration**
- **Java**
- **Summary / Questions**



# Explorer Overview

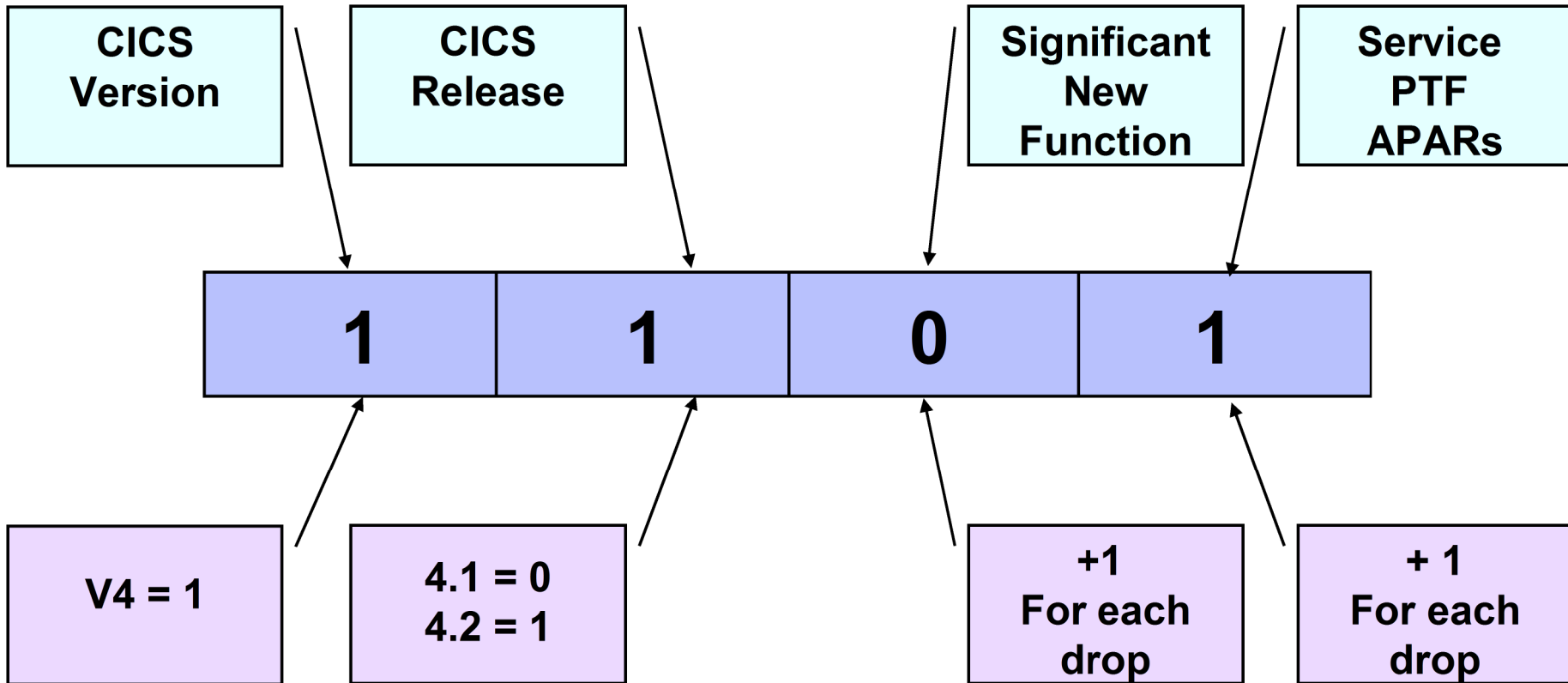


- **CICS Explorer 1.1.0.1 is the current release available**
  - Provides support for CICS TS v4.2
  - Adds new Features and Functionality
    - Workbench and View changes and improvements
    - New CICSplex SM Administration perspective and nine associated views
    - Enhances the Atom creation process
    - Improved Event Binding editors along with new event search and copy features
    - Adds column sorting
    - New transaction tracking view

# Explorer History – Version Identifier Convention



- What do the numbers mean in the Version identifier



- Downward compatible with supported releases of CICS



## Explorer History

### ☀ V1.1.0.1 – September 2011

- V1.1.0.0 - June 2011
- V1.0.1 - September 2010
- V1.0.0.7 - June 2010
- V1.0.0.6 - April 2010
- V1.0.0.5 - February 2010
- V1.0.0.4 - December 2009
- V1.0.0.3 - December 2009
- V1.0.0.2 - September 2009
- CS1J: CICS Explorer for Windows – November 2008

# Install Information

- **You Must Download and Install a fresh new copy**
  - Can Reuse your old Workspace
    - Some Errors may occur for unsupported perspectives
      - Simply right click and reset the perspectives
      - Must install the supported plug-ins
    - No Errors if you Export / Import your Preferences
  - Must re-install all Plug-Ins using the latest compatible version
  - V1.1.0.0 is required for CICS TS v4.2
  - Downward compatible with older supported CICS releases

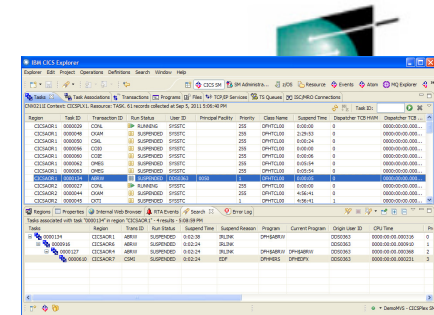
# CICS Explorer V1.1 Plug-ins

- CICS Configuration Manager Version 2.1
- CICS Deployment Assistant Version 1.1
- CICS Interdependency Analyzer Version 3.1
- CICS Performance Analyzer Version 3.1
- CICS Performance Analyzer Version 3.2
- IBM Session Manager (z/OS) Version 3
- CICS Transaction Gateway (Multiplatform) Version ( 7.1 or 7.2 or 8 )
- CICS Transaction Gateway (z/OS) Version ( 7.1 or 7.2 or 8 )



# General

- Support for column sorting in views
- Changes to the CICS Explorer menu bar
- Improved support for transaction tracking
- Task View Changes
- New Global TSQ View
- MB GB improvements





## Changes to the CICS Explorer menu bar

- The Administration menu item has been renamed to Definitions
- The RTA menu item has been removed. The RTA Events view is now accessible from the Operations menu in the SM Administration perspective.
- The WLM menu item has been removed. The WLM views are now accessible from the Operations menu in the SM Administration perspective.

# Changes to the CICS Explorer menu bar



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IBM CICS Explorer v1.1

Menu bar: Explorer Edit Project Operati**Definitions** ch Window Help

Toolbar: CICS SM z/OS Resource SM Administra... WLM Events Atom MQ

Navigation: Tasks Transactions Programs Files TCP/IP Services TS Queues Global TS Queue Statistics

Name	Status	Use Count	Language	Share Status	CEDF Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$ABRW	✓ ENABLED	4	ASSEMBLER	PRIVATE	CEDF
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$AGA	✓ ENABLED	11	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGAM	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC

Regions Properties Internal Web Browser RTA Events Search Error Log

Property Value

Administration menu item has been renamed to Definitions

v1.0.1

IBM CICS Explorer v1.0.1

Menu bar: Explorer Edit Project Operati**Administration** WLM Search Window Help

Toolbar: CICS SM System z/OS Resource Atom Events MQ MQ Explorer

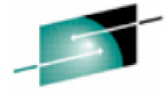
Navigation: Tasks Transactions Programs Files TCP/IP Services TS Queues Name: DFH\$A\*

Name	Status	Use Count	Language	JVM Class	JVM Profile	Share Status	CEDF Status	NEWCOPY Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ABRW	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$AGA	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGC	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED

Regions Properties Events Internal Web Browser

Property Value

# Changes to the CICS Explorer menu bar



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IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

CICS SM z/OS Resource SM Administration WLM Events Atom MQ

Tasks Transactions Programs Files TCP/IP Services TS Queues Global TS Queue Statistics

CNX0211I Context: CICSPLX1. Resource: PROGRAM. 88 records collected at Sep 4, 2011 12:52:20 AM

Name	Status	Use Count	Language	Share Status	CEDF Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$ABRW	✓ ENABLED	4	ASSEMBLER	PRIVATE	CEDF
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$AGA	✓ ENABLED	11	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGAM	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC

Regions Properties Internal Web Browser RTA Events Search Error Log

Property Value

**RTA menu item has been moved to SM Administration**

v1.0.1

IBM CICS Explorer

Explorer Edit Project Operations Administration RTA WLM Search Window Help

Events CICS SM System z/OS Resource Atom Events MQ MQ Explorer

Tasks Transactions Programs Files TCP/IP Services TS Queues Name: DFH\$A\*

CNX0211I Context: CICWKS96. Resource: PROGRAM. 12 records collected at Sep 4, 2011 12:49:17 AM

Name	Status	Use Count	Language	JVM Class	JVM Profile	Share Status	CEDF Status	NEWCOPY Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ABRW	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$AGA	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGC	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED

Regions Properties Events Internal Web Browser

Property Value

# Changes to the CICS Explorer menu bar



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IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

CICS SM z/OS Resource SM Administration WLM Events Atom MQ

Name	Status	Use Count	Language	Share Status	CEDF Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$ABRW	✓ ENABLED	4	ASSEMBLER	PRIVATE	CEDF
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$AGA	✓ ENABLED	11	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGAM	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC

WLM menu item has been moved to SM Administration

v1.0.1

IBM CICS Explorer

Explorer Edit Project Operations Administration RTA WLM Search Window Help

Active Workloads System z/OS Resource Atom Events MQ MQ Explorer

Name	Status	Use Count	Language	JVM Class	JVM Profile	Share Status	CEDF Status	NEWCOPY Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ABRW	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$AGA	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGC	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED

# Changes to the CICS Explorer menu bar



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Explorer Edit Project Operations Definitions Search Window Help

Tasks Transactions Programs Files TCP/IP Services TS Queues Global TS Queue Statistics

CNX0211I Context: CICSPLX1. Resource: PROGRAM. 88 records collected at Sep 4, 2011 12:52:20 AM

Name	Status	Use Count	Language	Share Status	CEDF Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$ABRW	✓ ENABLED	4	ASSEMBLER	PRIVATE	CEDF
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER	PRIVATE	CEDF
DFH\$AGA	✓ ENABLED	11	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGAM	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC	PRIVATE	NOTAPPLIC

Regions Properties Internal Web Browse **RTA Events** Search Error Log

Events View has been renamed to RTA Events

v1.0.1

IBM CICS Explorer v1.0.1

Explorer Edit Project Operations Administration RTA WLM Search Window Help

Tasks Transactions Programs Files TCP/IP Services TS Queues

CNX0211I Context: CICWKS96. Resource: PROGRAM. 12 records collected at Sep 4, 2011 12:49:17 AM

Name	Status	Use Count	Language	JVM Class	JVM Profile	Share Status	CEDF Status	NEWCOPY Status
DFH\$AALL	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ABRW	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$ACOM	✓ ENABLED	0	ASSEMBLER		DFHJVMPR	PRIVATE	CEDF	NOTREQUIRED
DFH\$AGA	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGB	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED
DFH\$AGC	✓ ENABLED	0	NOTAPPLIC		DFHJVMPR	PRIVATE	NOTAPPLIC	NOTREQUIRED

Regions Properties **Events** Internal Web Browser

# Task View Changes



IBM CICS Explorer

Explorer Edit Project Operations Administration RTA WLM Search Window Help

Tasks Transactions Programs Files Active Workloads File Definitions

CNX0211I Context: CICWKS96. Resource: TASK. 4 records collected at Sep 1, 2011 5:30:23 PM

Region	Task ID	Transaction ID	Dispatch Status	User ID	Terminal ID	Priority	Class Name	Suspend Time	Tmrdsth	Tmrdsmwt
CICWKS96	0000039	CKAM	SUSPENDED	DDS0577		255	DFHTCL00	8:11:06	0	0000:00:00.000000
CICWKS96	0000040	CKTI	SUSPENDED	DDS0577		1	DFHTCL00	8:11:06	0	0000:00:00.000000
CICWKS96	0001803	CEMT	SUSPENDED	DDS0577		255	DFHTCL00	0:10:29	0	0000:00:00.000000
CICWKS96	0001883	CWWU	RUNNING	DDS0577		1	DFHTCL00	0:00:00	0	0000:00:00.000000

Regions Properties Events Internal Web Browser

**Improved Column Names**



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Tasks Transactions Programs Files Dynamic Storage Areas TCP/IP Services TS Queues

CNX0211I Context: CICWKS95. Resource: TASK. 4 records collected at Sep 1, 2011 5:30:27 PM

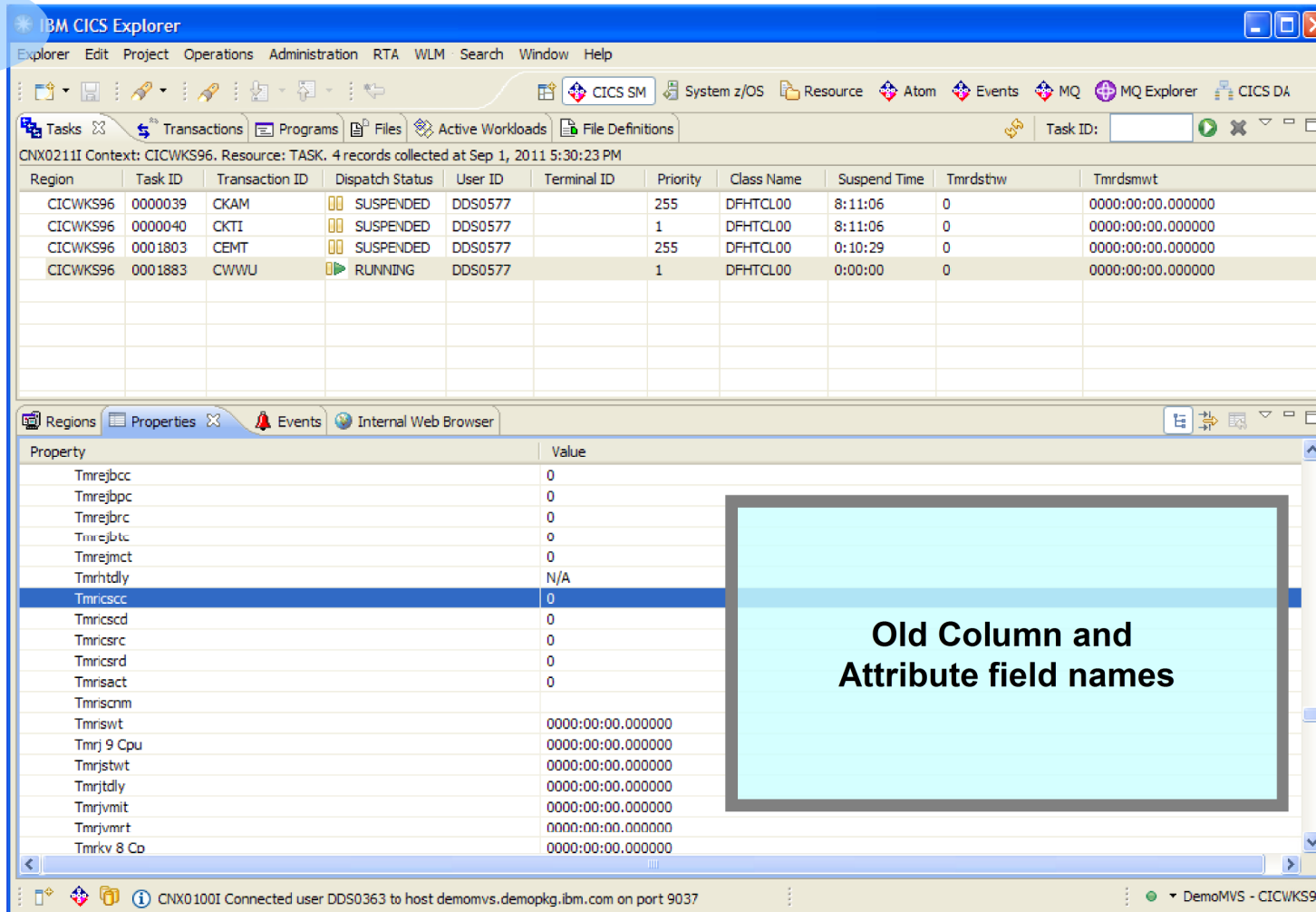
Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mismatch Wait Time
CICWKS95	0000433	CKAM	SUSPENDED	DDS0363		255	DFHTCL00	3:01:49	0	0000:00:00.000000
CICWKS95	0004303	AMNU	SUSPENDED	DDS0363		1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004304	CEDF	SUSPENDED	DDS0363	0078	1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004308	CWWU	RUNNING	DDS0363		1	DFHTCL00	0:00:00	0	0000:00:00.000000

Regions Properties Internal Web Browser RTA Events Search Error Log Global TS Queue Statistics

# Task View Changes

- More meaningful Task View field names

v1.0.1



IBM CICS Explorer

Explorer Edit Project Operations Administration RTA WLM Search Window Help

CICS SM System z/OS Resource Atom Events MQ MQ Explorer CICS DA

Tasks Transactions Programs Files Active Workloads File Definitions Task ID: [ ]

CNX0211I Context: CICWKS96. Resource: TASK. 4 records collected at Sep 1, 2011 5:30:23 PM

Region	Task ID	Transaction ID	Dispatch Status	User ID	Terminal ID	Priority	Class Name	Suspend Time	Tmrdsthw	Tmrdsmtw
CICWKS96	0000039	CKAM	SUSPENDED	DDS0577		255	DFHTCL00	8:11:06	0	0000:00:00.000000
CICWKS96	0000040	CKTI	SUSPENDED	DDS0577		1	DFHTCL00	8:11:06	0	0000:00:00.000000
CICWKS96	0001803	CEMT	SUSPENDED	DDS0577		255	DFHTCL00	0:10:29	0	0000:00:00.000000
CICWKS96	0001883	CWWU	RUNNING	DDS0577		1	DFHTCL00	0:00:00	0	0000:00:00.000000

Regions Properties Events Internal Web Browser

Property	Value
Tmrejbcc	0
Tmrejbbc	0
Tmrejbrc	0
Tmrejbt	0
Tmrejmt	0
Tmrtdly	N/A
Tmricsc	0
Tmricscd	0
Tmricsrc	0
Tmricsrd	0
Tmrisact	0
Tmriscnm	
Tmrswt	0000:00:00.000000
Tmrj 9 Cpu	0000:00:00.000000
Tmrjstwt	0000:00:00.000000
Tmrjtdly	0000:00:00.000000
Tmrjvmit	0000:00:00.000000
Tmrjvmt	0000:00:00.000000
Tmrkv 8 Cpu	0000:00:00.000000

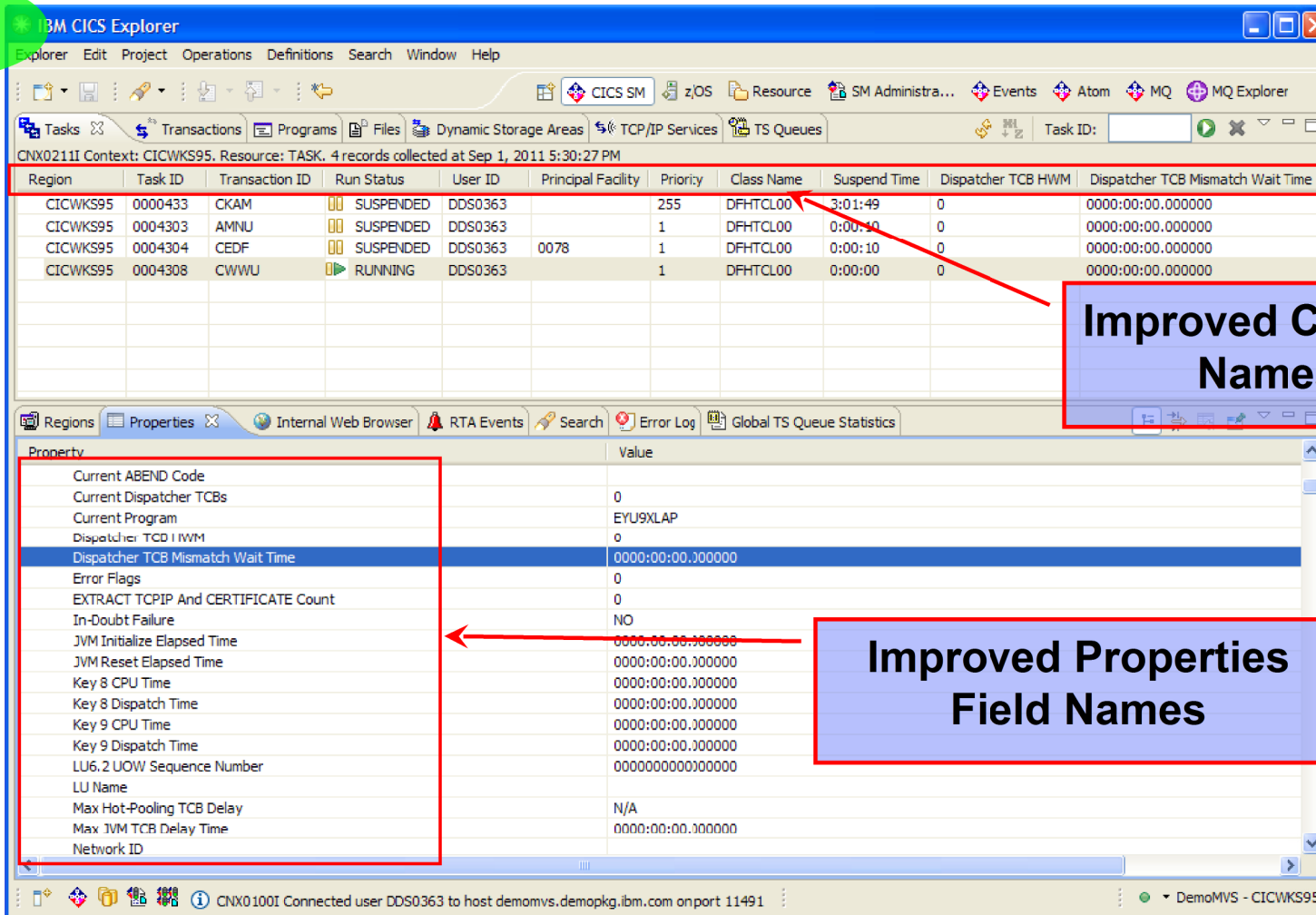
Old Column and Attribute field names

CNX0 100I Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 9037 DemoMVS - CICWKS96

# Task View Changes

- More meaningful Task View field names

v1.1



The screenshot shows the IBM CICS Explorer interface. At the top, a table lists task details for 'CNX0211I Context: CICWKS95. Resource: TASK'. Below this, a 'Properties' window is open, showing various system parameters.

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mismatch Wait Time
CICWKS95	0000433	CKAM	SUSPENDED	DDS0363		255	DFHTCL00	3:01:49	0	0000:00:00.000000
CICWKS95	0004303	AMNU	SUSPENDED	DDS0363		1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004304	CEDF	SUSPENDED	DDS0363	0078	1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004308	CWWU	RUNNING	DDS0363		1	DFHTCL00	0:00:00	0	0000:00:00.000000

Property	Value
Current ABEND Code	
Current Dispatcher TCBS	0
Current Program	EYU9XLAP
Dispatcher TCD IWM	0
Dispatcher TCB Mismatch Wait Time	0000:00:00.000000
Error Flags	0
EXTRACT TCP/IP And CERTIFICATE Count	0
In-Doubt Failure	NO
JVM Initialize Elapsed Time	0000:00:00.000000
JVM Reset Elapsed Time	0000:00:00.000000
Key 8 CPU Time	0000:00:00.000000
Key 8 Dispatch Time	0000:00:00.000000
Key 9 CPU Time	0000:00:00.000000
Key 9 Dispatch Time	0000:00:00.000000
LU6.2 UOW Sequence Number	0000000000000000
LU Name	
Max Hot-Pooling TCB Delay	N/A
Max JVM TCB Delay Time	0000:00:00.000000
Network ID	

Improved Column Names

Improved Properties Field Names

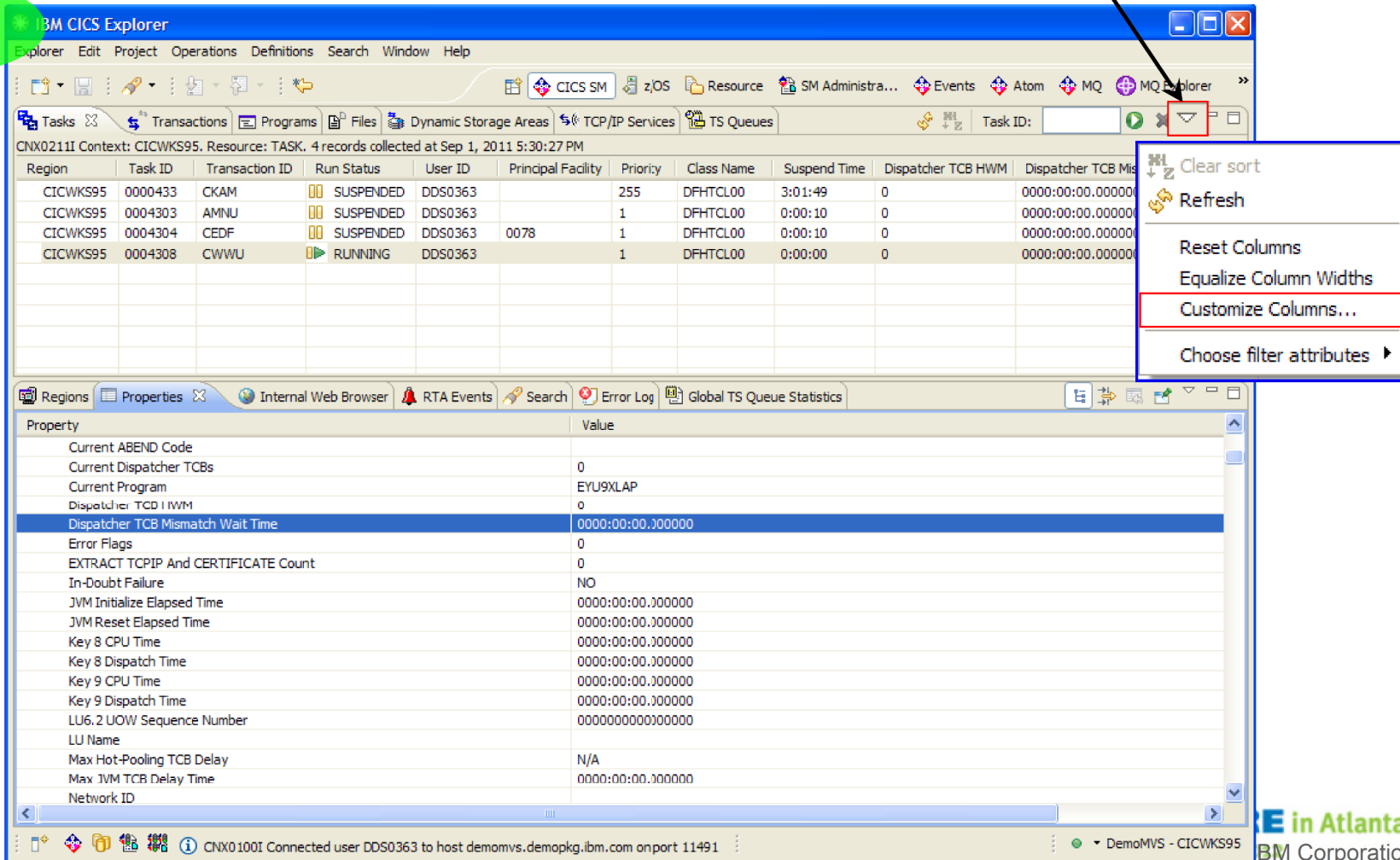


# Task View Change

Clicking on the down carrot and select Customize Columns

- More meaningful TASK VIEW field names

v1.1



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

CICS SM z/OS Resource SM Administra... Events Atom MQ MQ Explorer

Tasks Transactions Programs Files Dynamic Storage Areas TCP/IP Services TS Queues Task ID: [ ]

CNX0211I Context: CICWKS95. Resource: TASK. 4 records collected at Sep 1, 2011 5:30:27 PM

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mis
CICWKS95	0000433	CKAM	SUSPENDED	DDS0363		255	DFHTCL00	3:01:49	0	0000:00:00.000000
CICWKS95	0004303	AMNU	SUSPENDED	DDS0363		1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004304	CEDF	SUSPENDED	DDS0363	0078	1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004308	CWWU	RUNNING	DDS0363		1	DFHTCL00	0:00:00	0	0000:00:00.000000

Regions Properties Internal Web Browser RTA Events Search Error Log Global TS Queue Statistics

Property	Value
Current ABEND Code	
Current Dispatcher TCBS	0
Current Program	EYU9XLAP
Dispatcher TCD IWM	0
Dispatcher TCB Mismatch Wait Time	0000:00:00.000000
Error Flags	0
EXTRACT TCP/IP And CERTIFICATE Count	0
In-Doubt Failure	NO
JVM Initialize Elapsed Time	0000:00:00.000000
JVM Reset Elapsed Time	0000:00:00.000000
Key 8 CPU Time	0000:00:00.000000
Key 8 Dispatch Time	0000:00:00.000000
Key 9 CPU Time	0000:00:00.000000
Key 9 Dispatch Time	0000:00:00.000000
LU6.2 UOW Sequence Number	0000000000000000
LU Name	
Max Hot-Pooling TCB Delay	N/A
Max JVM TCB Delay Time	0000:00:00.000000
Network ID	

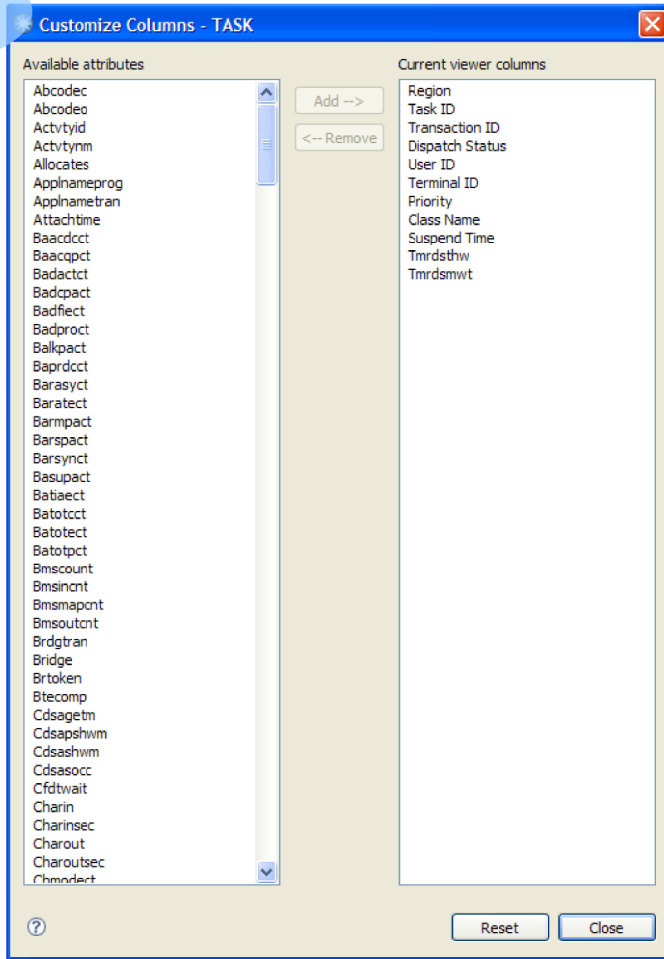
CNX0100I Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 11491 DemoMVS - CICWKS95

# Task View Changes

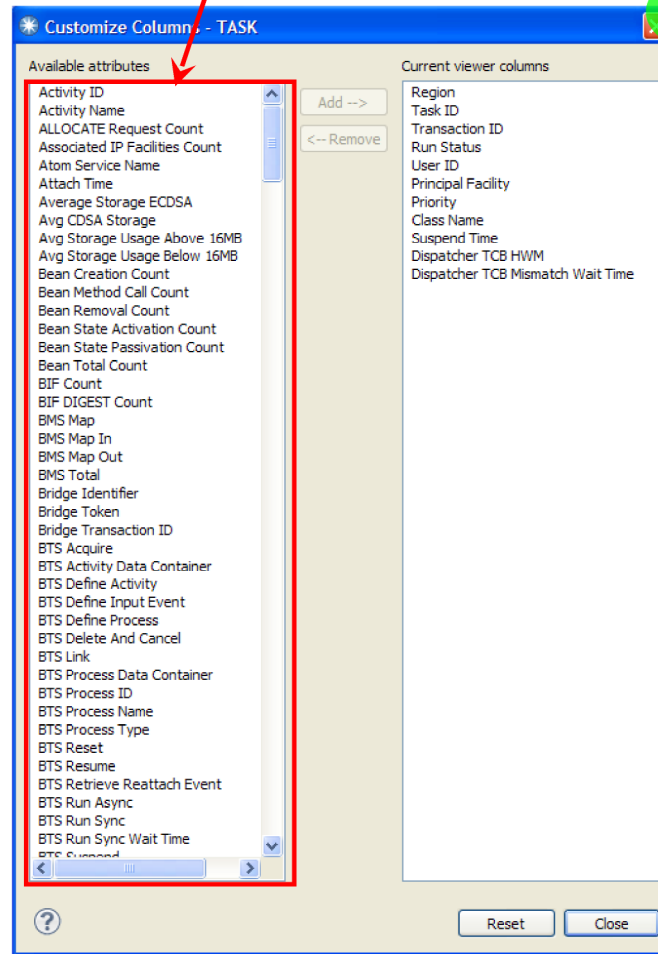
- Much easier to select fields and review properties

Improved Customized Attribute Names

v1.0.1



v1.1



# Task View Changes

Improved Customized Attribute Names

- Much easier to select fields and review properties

The screenshot shows the 'Customize Columns - TASK' dialog box. It is divided into three main sections:

- Available attributes:** A list of attributes on the left, including 'Attach Time', 'Average Storage ECDSA', 'Avg CDSA Storage', etc. Buttons for 'Add -->' and '<-- Remove' are present.
- Current viewer columns:** A list of attributes currently displayed in the viewer, including 'Region', 'Task ID', 'Transaction ID', etc.
- Table:** A table with three columns: Attribute Name, Description, and Attribute ID. The table lists attributes like 'Attach Time', 'Average Storage ECDSA', 'Avg CDSA Storage', 'Avg Storage Usage Above 16MB', and 'Avg Storage Usage Below 16MB'.

Annotations:

- A green callout box points to a question mark icon in the bottom left corner of the dialog, with the text: "Clicking on the '?' or Pressing F1 brings up dynamic Help".
- A red box highlights the 'F1' key on a keyboard.
- A red box highlights the 'BTS Suspend' attribute in the table.

# Task View Changes



## More meaningful Task View field names

v1.1

IBM CICS Explorer

Tasks Transactions Programs Files Dynamic Storage Areas TCP/IP Services TS Queues

CNX0211I Context: CICWKS95. Resource: TASK. 4 records collected at Sep 1, 2011 5:30:27 PM

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mismatch Wait Time
CICWKS95	0000433	CKAM	SUSPENDED	DDS0363		255	DFHTCL00	3:01:49	0	0000:00:00.000000
CICWKS95	0004303	AMNU	SUSPENDED	DDS0363		1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004304	CEDF	SUSPENDED	DDS0363	0078	1	DFHTCL00	0:00:10	0	0000:00:00.000000
CICWKS95	0004308	CWWU	RUNNING	DDS0363		1	DFHTCL00	0:00:00		

Property Value

Current ABEND Code	
Current Dispatcher TCBS	0
Current Program	EYU9XLAP
Dispatcher TCB HWM	0
Dispatcher TCB Mismatch Wait Time	0000:00:00.000000
Error Flags	0
EXTRACT TCP/IP And CERTIFICATE Count	0
In-Doubt Failure	NO
JVM Initialize Elapsed Time	0000:00:00.000000
JVM Reset Elapsed Time	0000:00:00.000000
Key 8 CPU Time	0000:00:00.000000
Key 8 Dispatch Time	0000:00:00.000000
Key 9 CPU Time	0000:00:00.000000
Key 9 Dispatch Time	0000:00:00.000000
LU6.2 UOW Sequence Number	0000000000000000
LU Name	
Max Hot-Pooling TCB Delay	N/A
Max JVM TCB Delay Time	0000:00:00.000000
Network ID	

Regions Properties Internal Web Browser RTA Events Search Error Log Global TS Queue Status

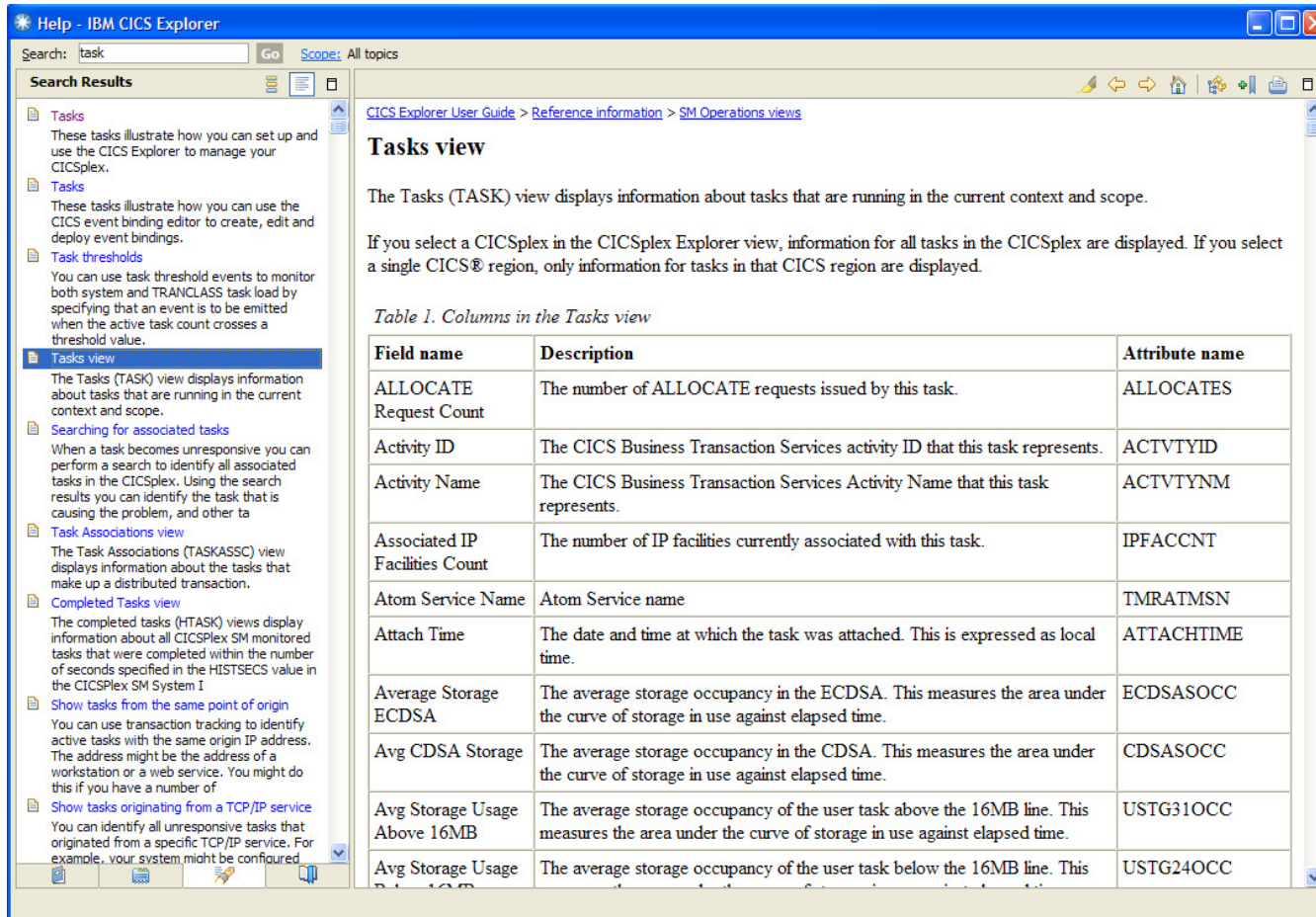
F1

Pressing F1 while you have a line selected brings up dynamic Help

IBM Corporation

# Task View Changes

- The Help under Task View provides a Cross Reference



Help - IBM CICSPlex Explorer

Search: task Go Scope: All topics

**Search Results**

- Tasks
  - These tasks illustrate how you can set up and use the CICSPlex Explorer to manage your CICSPlex.
- Tasks
  - These tasks illustrate how you can use the CICSPlex event binding editor to create, edit and deploy event bindings.
- Task thresholds
  - You can use task threshold events to monitor both system and TRANCLASS task load by specifying that an event is to be emitted when the active task count crosses a threshold value.
- Tasks view**
  - The Tasks (TASK) view displays information about tasks that are running in the current context and scope.
- Searching for associated tasks
  - When a task becomes unresponsive you can perform a search to identify all associated tasks in the CICSPlex. Using the search results you can identify the task that is causing the problem, and other tasks.
- Task Associations view
  - The Task Associations (TASKASSC) view displays information about the tasks that make up a distributed transaction.
- Completed Tasks view
  - The completed tasks (HTASK) views display information about all CICSPlex SM monitored tasks that were completed within the number of seconds specified in the HISTSECS value in the CICSPlex SM System I.
- Show tasks from the same point of origin
  - You can use transaction tracking to identify active tasks with the same origin IP address. The address might be the address of a workstation or a web service. You might do this if you have a number of...
- Show tasks originating from a TCP/IP service
  - You can identify all unresponsive tasks that originated from a specific TCP/IP service. For example, your system might be configured...

[CICSPlex Explorer User Guide > Reference information > SM Operations views](#)

## Tasks view

The Tasks (TASK) view displays information about tasks that are running in the current context and scope.

If you select a CICSPlex in the CICSPlex Explorer view, information for all tasks in the CICSPlex are displayed. If you select a single CICSPlex region, only information for tasks in that CICSPlex region are displayed.

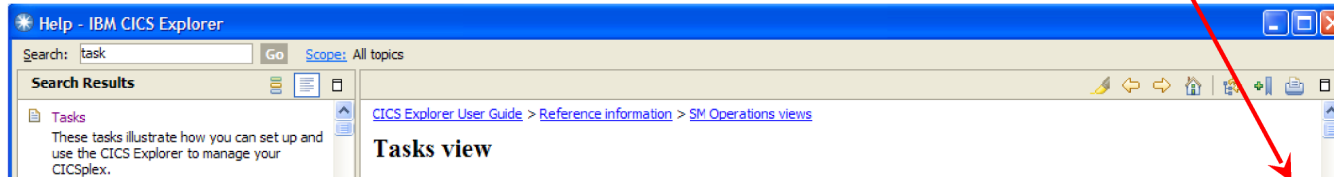
*Table 1. Columns in the Tasks view*

Field name	Description	Attribute name
ALLOCATE Request Count	The number of ALLOCATE requests issued by this task.	ALLOCATES
Activity ID	The CICSPlex Business Transaction Services activity ID that this task represents.	ACTVTYID
Activity Name	The CICSPlex Business Transaction Services Activity Name that this task represents.	ACTVTYNM
Associated IP Facilities Count	The number of IP facilities currently associated with this task.	IPFACCNT
Atom Service Name	Atom Service name	TMRATMSN
Attach Time	The date and time at which the task was attached. This is expressed as local time.	ATTACHTIME
Average Storage ECDSA	The average storage occupancy in the ECDSA. This measures the area under the curve of storage in use against elapsed time.	ECDSASOCC
Avg CDSA Storage	The average storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.	CDSASOCC
Avg Storage Usage Above 16MB	The average storage occupancy of the user task above the 16MB line. This measures the area under the curve of storage in use against elapsed time.	USTG31OCC
Avg Storage Usage Below 16MB	The average storage occupancy of the user task below the 16MB line. This measures the area under the curve of storage in use against elapsed time.	USTG24OCC

# Task View Changes

Cross Reference to old field names

- The Help under Task View provides a Cross Reference

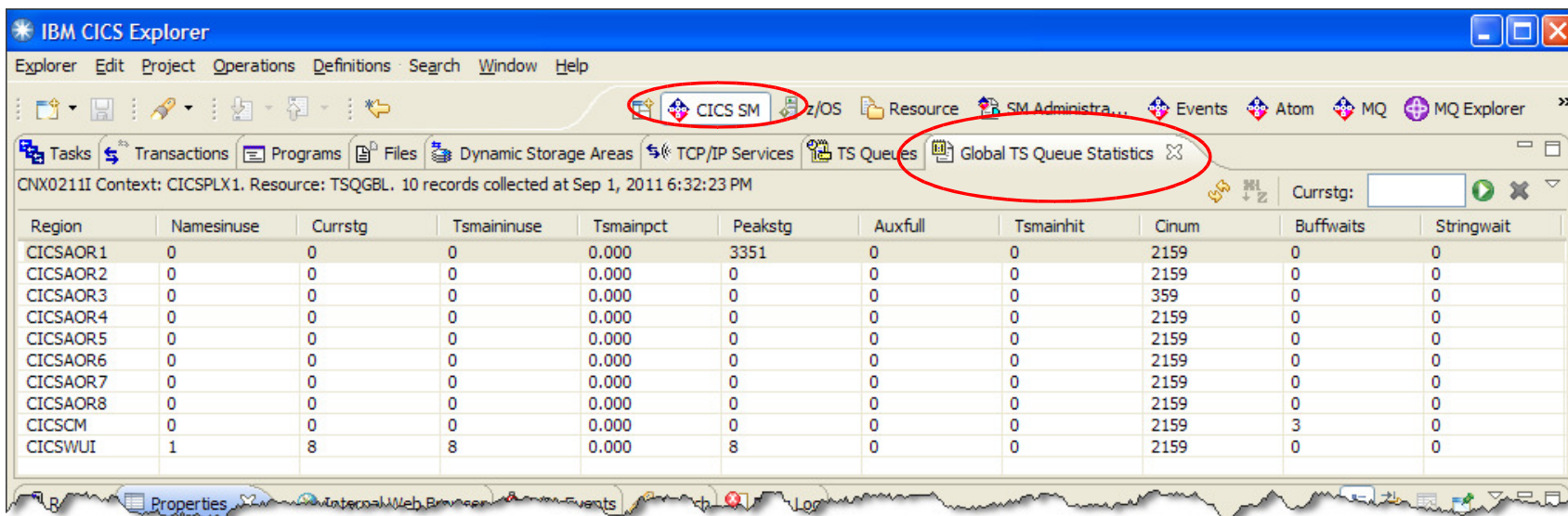


Field name	Description	Attribute name
Dispatcher TCB HWM	The peak number of CICS dispatcher TCBs in use.	TMRDSTHW
Dispatcher TCB Mismatch Wait Time	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> <li>The total amount of TCB mismatch wait time, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB.</li> <li>The number of TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB.</li> </ul>	TMRDSMWT

<p>Show tasks originating from a TCP/IP service You can identify all unresponsive tasks that originated from a specific TCP/IP service. For example, your system might be configured</p>		
Avg Storage Usage Above 16MB	The average storage occupancy of the user task above the 16MB line. This measures the area under the curve of storage in use against elapsed time.	USTG31OCC
Avg Storage Usage Below 16MB	The average storage occupancy of the user task below the 16MB line. This measures the area under the curve of storage in use against elapsed time.	USTG24OCC

# New Global TSQ View

- **New Operation view has been added**
  - Global TSQ Statistics view
  - The TS Queue Statistics (TSQGBL) view displays information about temporary storage queue usage



Region	Namesinuse	Currstg	Tsmaininuse	Tsmainpct	Peakstg	Auxfull	Tsmainhit	Cinum	Buffwaits	Stringwait
CICSAOR1	0	0	0	0.000	3351	0	0	2159	0	0
CICSAOR2	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR3	0	0	0	0.000	0	0	0	359	0	0
CICSAOR4	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR5	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR6	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR7	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR8	0	0	0	0.000	0	0	0	2159	0	0
CICSCM	0	0	0	0.000	0	0	0	2159	3	0
CICSWUI	1	8	8	0.000	8	0	0	2159	0	0

# New Global TSQ View – Viewing a CICSplex



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

CICS SM z/OS Resource SM Administra... Events Atom MQ MQ Explorer

Tasks Transactions Programs Files Dynamic Storage Areas TCP/IP Services TS Queues Global TS Queue Statistics

CNX0211I Context: CICSPLX1. Resource: TSQGBL. 10 records collected at Sep 1, 2011 6:32:23 PM

Region	Namesinuse	Currstg	Tsmaininuse	Tsmainpct	Peakstg	Auxfull	Tsmainhit	Cinum	Buffwaits	Stringwait
CICSAOR1	0	0	0	0.000	3351	0	0	2159	0	0
CICSAOR2	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR3	0	0	0	0.000	0	0	0	359	0	0
CICSAOR4	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR5	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR6	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR7	0	0	0	0.000	0	0	0	2159	0	0
CICSAOR8	0	0	0	0.000	0	0	0	2159	0	0
CICSCM	0	0	0	0.000	0	0	0	2159	3	0
CICSWUI	1	8	8	0.000	8	0	0	2159	0	0

Regions Properties Internal Web Browser RTA Events Search Error Log

Property	Value
Putqaux	97
Putqmain	283
Quecrecnt	11
Region	CICSAOR1
Segsperci	63
Shrdpoolconn	U
Shrdpooldef	0
Shrdreadreq	0
Shrdwritereq	0
Strings	3
Stringwait	0
Tsmainhit	0
Tsmaininuse	0
Tsmainlimit	67108864
Tsmainmax	3351
Tsmainpct	0.000
Wrtfrecvr	0
Wrtgtcisz	0

**Temporary Storage Queue usage information across the Plex**

CNX0100I Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 3041

DemoMVS - CICSplex SM



# New Global TSQ View – Viewing a Single Region



The screenshot displays the IBM CICS Explorer interface. The main window shows a table of Temporary Storage Queue (TSQ) statistics for region CICWKS95. The table has the following data:

Region	Namesinuse	Currstg	Tsmaininuse	Tsmainpct	Peakstg	Auxfull	Tsmainhit	Cinum	Buffwaits	Stringwait
CICWKS95	2	474	474	0.001	474	0	0	359	0	0

Below the table, the Properties window is open for the region CICWKS95, showing various system parameters:

Property	Value
Peakuwstr	0
Putqaux	1
Putqmain	0
Quecrect	1
Region	CICWKS95
Segsperci	63
Shrdpoolconn	0
Shrdpooldef	0
Shrdreadreq	0
Shrdwritereq	0
Strings	3
Stringwait	0
Tsmainhit	0
Tsmaininuse	474
Tsmainlimit	67108864
Tsmainmax	474
Tsmainpct	0.001
Wrtfreqvr	0
Wrtgtcisz	0

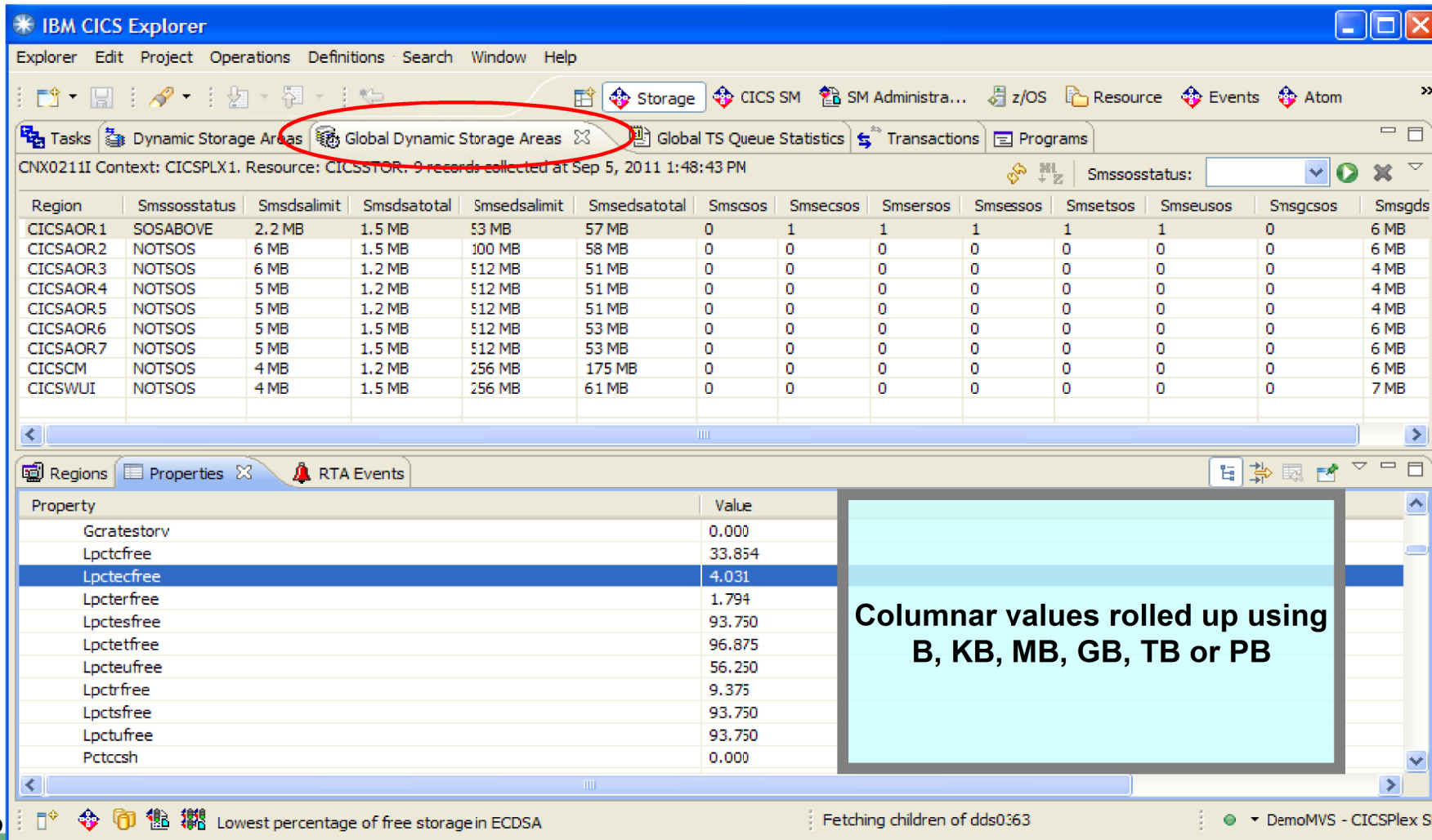
A text box overlaid on the Properties window contains the following text:

**Temporary Storage Queue usage information for a Single Region connection**

At the bottom of the interface, the status bar shows "Fetching children of dds0363" and "DemoMVS - CICWKS95".

# User friendly formatting of byte values

- B, KB, MB, GB, TB, PB



The screenshot shows the IBM CICS Explorer interface. The top pane displays a table of storage statistics for various regions. The bottom pane shows the properties of a selected region, with a callout box highlighting the 'Value' column.

**Storage Statistics Table:**

Region	Smsosstatus	Smsdsalimit	Smsdsatotal	Smsedsalimit	Smsedsatotal	Smscsos	Smssecsos	Smsersos	Smsesos	Smssetsos	Smsseusos	Smsgcsos	Smsgds
CICSAOR1	SOSABOVE	2.2 MB	1.5 MB	53 MB	57 MB	0	1	1	1	1	1	0	6 MB
CICSAOR2	NOTSOS	6 MB	1.5 MB	100 MB	58 MB	0	0	0	0	0	0	0	6 MB
CICSAOR3	NOTSOS	6 MB	1.2 MB	512 MB	51 MB	0	0	0	0	0	0	0	4 MB
CICSAOR4	NOTSOS	5 MB	1.2 MB	512 MB	51 MB	0	0	0	0	0	0	0	4 MB
CICSAOR5	NOTSOS	5 MB	1.2 MB	512 MB	51 MB	0	0	0	0	0	0	0	4 MB
CICSAOR6	NOTSOS	5 MB	1.5 MB	512 MB	53 MB	0	0	0	0	0	0	0	6 MB
CICSAOR7	NOTSOS	5 MB	1.5 MB	512 MB	53 MB	0	0	0	0	0	0	0	6 MB
CICSCM	NOTSOS	4 MB	1.2 MB	256 MB	175 MB	0	0	0	0	0	0	0	6 MB
CICSWUI	NOTSOS	4 MB	1.5 MB	256 MB	61 MB	0	0	0	0	0	0	0	7 MB

**Properties Table:**

Property	Value
Ggratestorv	0.000
Lpctcfree	33.854
Lpctecfree	4.031
Lpcterfree	1.794
Lpctesfree	93.750
Lpctetfree	96.875
Lpcteufree	56.250
Lpctrfree	9.375
Lpctsfree	93.750
Lpctufree	93.750
Pctccsh	0.000

**Callout Box:** Columnar values rolled up using B, KB, MB, GB, TB or PB

# Column Sorting in Views

- **Click a column name to sort the data**
  - Sort ascending
  - Sort descending
  - Default sort order
  
- **Must be connected to a CICS TS v4.2 or later system, and use the CMCI interface**

UnSorted

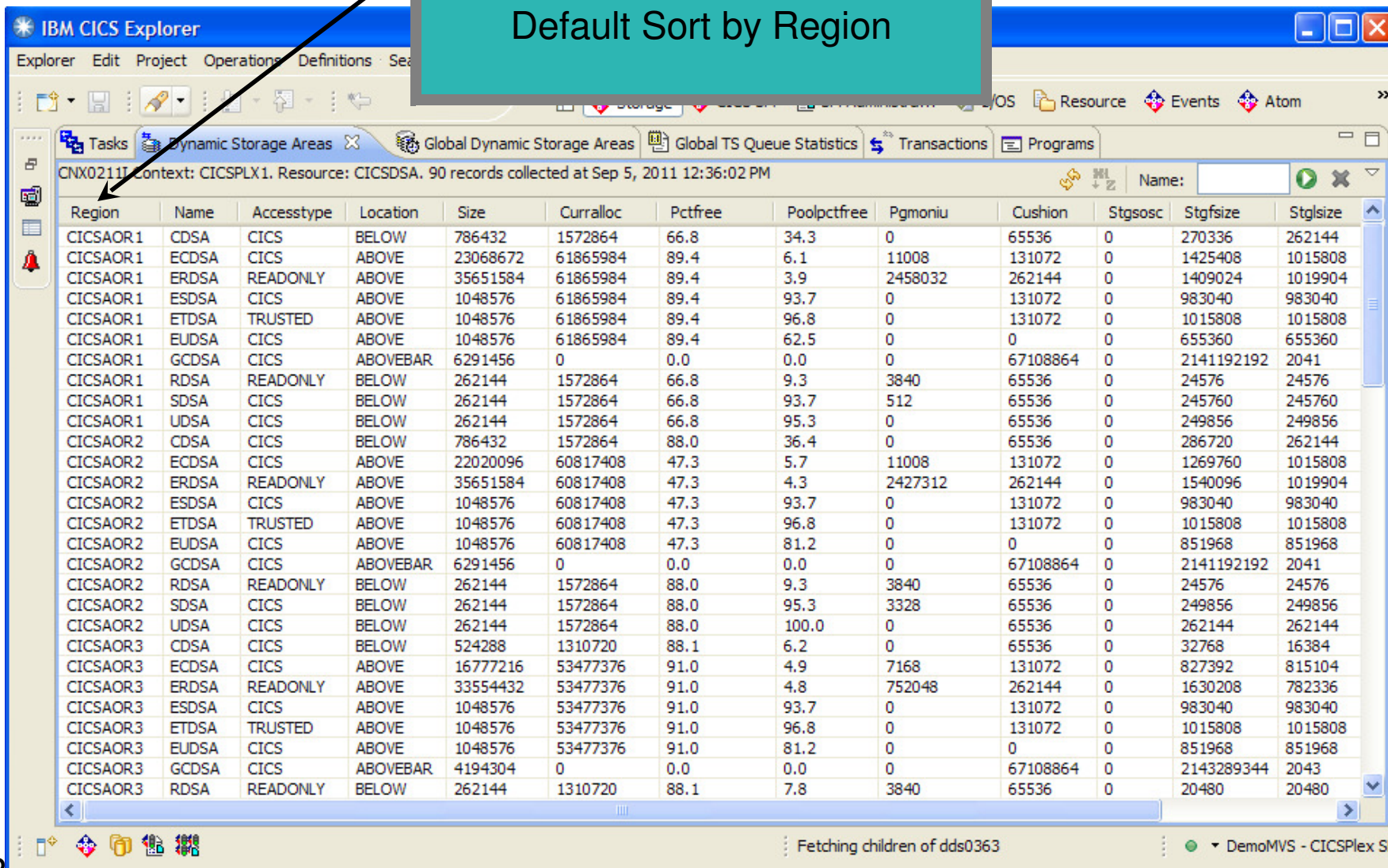
Region	Name	Accesstype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion
CICSAOR1	CDSA	CICS	BELOW	524288	1310720	85.7	4.6	0	65536
CICSAOR1	ECDSA	CICS	ABOVE	23068672	67108864	88.5	5.9	9728	131072
CICSAOR1	ERDSA	READONLY	ABOVE	39845888	67108864	88.5	1.5	7086096	262144
CICSAOR1	ESDSA	CICS	ABOVE	1048576	67108864	88.5	91.7	18912	131072
CICSAOR1	ETDSA	TRUSTED	ABOVE	1048576	67108864	88.5	96.8	0	131072

Click to Sort

Region	Name	Accesstype	Location	Size	Curralloc	Pctfree	Poolpctfree	P.. ▾	Cushion
CICSAOR1	ERDSA	READONLY	ABOVE	39845888	67108864	88.5	1.5	7086096	262144
CICSAOR7	ERDSA	READONLY	ABOVE	35651584	58720256	89.9	0.8	3431440	262144
CICSAOR2	ERDSA	READONLY	ABOVE	35651584	56623104	50.3	1.5	3383216	262144
CICSCM	ERDSA	READONLY	ABOVE	33554432	183500800	80.9	1.9	2336672	262144
CICSAOR6	ERDSA	READONLY	ABOVE	33554432	55574528	90.5	3.4	825088	262144

# Column Sorting in Views

Default Sort by Region

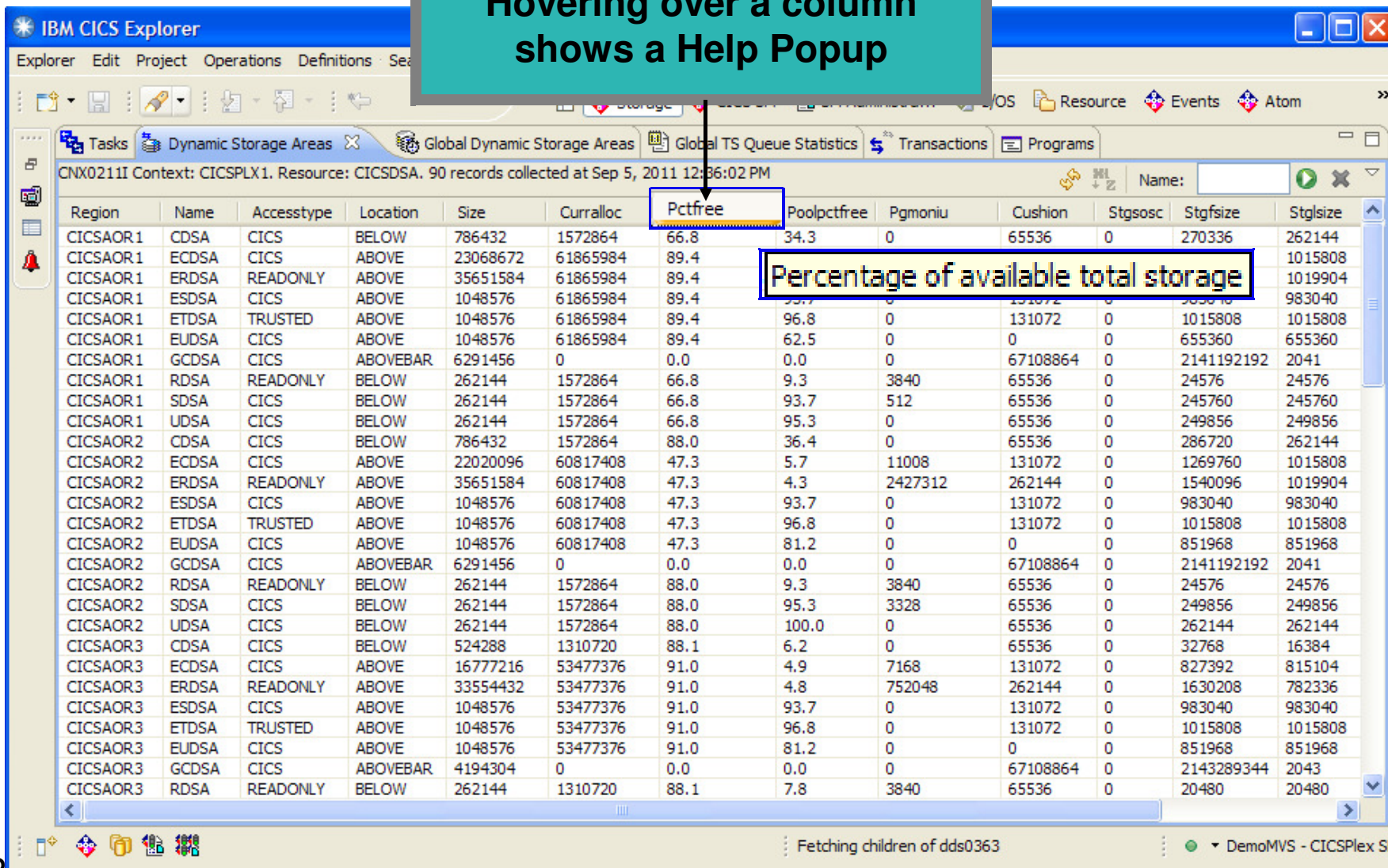


The screenshot shows the IBM CICS Explorer interface with a table of storage areas. The table is sorted by the 'Region' column, with values ranging from CICSOR1 to CICSOR3. A callout box points to the 'Region' column header.

Region	Name	Accesstype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgsize	Stgsize
CICSAOR1	CDSA	CICS	BELOW	786432	1572864	66.8	34.3	0	65536	0	270336	262144
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4	6.1	11008	131072	0	1425408	1015808
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4	3.9	2458032	262144	0	1409024	1019904
CICSAOR1	ESDSA	CICS	ABOVE	1048576	61865984	89.4	93.7	0	131072	0	983040	983040
CICSAOR1	ETDSA	TRUSTED	ABOVE	1048576	61865984	89.4	96.8	0	131072	0	1015808	1015808
CICSAOR1	EUDSA	CICS	ABOVE	1048576	61865984	89.4	62.5	0	0	0	655360	655360
CICSAOR1	GCDSA	CICS	ABOVEBAR	6291456	0	0.0	0.0	0	67108864	0	2141192192	2041
CICSAOR1	RDSA	READONLY	BELOW	262144	1572864	66.8	9.3	3840	65536	0	24576	24576
CICSAOR1	SDSA	CICS	BELOW	262144	1572864	66.8	93.7	512	65536	0	245760	245760
CICSAOR1	UDSA	CICS	BELOW	262144	1572864	66.8	95.3	0	65536	0	249856	249856
CICSAOR2	CDSA	CICS	BELOW	786432	1572864	88.0	36.4	0	65536	0	286720	262144
CICSAOR2	ECDSA	CICS	ABOVE	22020096	60817408	47.3	5.7	11008	131072	0	1269760	1015808
CICSAOR2	ERDSA	READONLY	ABOVE	35651584	60817408	47.3	4.3	2427312	262144	0	1540096	1019904
CICSAOR2	ESDSA	CICS	ABOVE	1048576	60817408	47.3	93.7	0	131072	0	983040	983040
CICSAOR2	ETDSA	TRUSTED	ABOVE	1048576	60817408	47.3	96.8	0	131072	0	1015808	1015808
CICSAOR2	EUDSA	CICS	ABOVE	1048576	60817408	47.3	81.2	0	0	0	851968	851968
CICSAOR2	GCDSA	CICS	ABOVEBAR	6291456	0	0.0	0.0	0	67108864	0	2141192192	2041
CICSAOR2	RDSA	READONLY	BELOW	262144	1572864	88.0	9.3	3840	65536	0	24576	24576
CICSAOR2	SDSA	CICS	BELOW	262144	1572864	88.0	95.3	3328	65536	0	249856	249856
CICSAOR2	UDSA	CICS	BELOW	262144	1572864	88.0	100.0	0	65536	0	262144	262144
CICSAOR3	CDSA	CICS	BELOW	524288	1310720	88.1	6.2	0	65536	0	32768	16384
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.9	7168	131072	0	827392	815104
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSAOR3	ESDSA	CICS	ABOVE	1048576	53477376	91.0	93.7	0	131072	0	983040	983040
CICSAOR3	ETDSA	TRUSTED	ABOVE	1048576	53477376	91.0	96.8	0	131072	0	1015808	1015808
CICSAOR3	EUDSA	CICS	ABOVE	1048576	53477376	91.0	81.2	0	0	0	851968	851968
CICSAOR3	GCDSA	CICS	ABOVEBAR	4194304	0	0.0	0.0	0	67108864	0	2143289344	2043
CICSAOR3	RDSA	READONLY	BELOW	262144	1310720	88.1	7.8	3840	65536	0	20480	20480

# Column Sorting in Views

Hovering over a column shows a Help Popup



The screenshot displays the IBM CICS Explorer interface. A table titled 'CNX0211I Context: CICSPLEX1. Resource: CICSDSA. 90 records collected at Sep 5, 2011 12:36:02 PM' is shown. The table has columns: Region, Name, Accesstype, Location, Size, Curralloc, Pctfree, Poolpctfree, Pgmoniu, Cushion, Stgsosc, Stgsize, and Stgsize. The 'Pctfree' column is highlighted, and a help popup box is overlaid on it with the text 'Percentage of available total storage'. The table contains 30 rows of data for various storage areas across different regions (CICSAOR1, CICSAOR2, CICSAOR3).

Region	Name	Accesstype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgsize	Stgsize
CICSAOR1	CDSA	CICS	BELOW	786432	1572864	66.8	34.3	0	65536	0	270336	262144
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4					1015808	1015808
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4					1019904	1019904
CICSAOR1	ESDSA	CICS	ABOVE	1048576	61865984	89.4					983040	983040
CICSAOR1	ETDSA	TRUSTED	ABOVE	1048576	61865984	89.4	96.8	0	131072	0	1015808	1015808
CICSAOR1	EUDSA	CICS	ABOVE	1048576	61865984	89.4	62.5	0	0	0	655360	655360
CICSAOR1	GCDSA	CICS	ABOVEBAR	6291456	0	0.0	0.0	0	67108864	0	2141192192	2041
CICSAOR1	RDSA	READONLY	BELOW	262144	1572864	66.8	9.3	3840	65536	0	24576	24576
CICSAOR1	SDSA	CICS	BELOW	262144	1572864	66.8	93.7	512	65536	0	245760	245760
CICSAOR1	UDSA	CICS	BELOW	262144	1572864	66.8	95.3	0	65536	0	249856	249856
CICSAOR2	CDSA	CICS	BELOW	786432	1572864	88.0	36.4	0	65536	0	286720	262144
CICSAOR2	ECDSA	CICS	ABOVE	22020096	60817408	47.3	5.7	11008	131072	0	1269760	1015808
CICSAOR2	ERDSA	READONLY	ABOVE	35651584	60817408	47.3	4.3	2427312	262144	0	1540096	1019904
CICSAOR2	ESDSA	CICS	ABOVE	1048576	60817408	47.3	93.7	0	131072	0	983040	983040
CICSAOR2	ETDSA	TRUSTED	ABOVE	1048576	60817408	47.3	96.8	0	131072	0	1015808	1015808
CICSAOR2	EUDSA	CICS	ABOVE	1048576	60817408	47.3	81.2	0	0	0	851968	851968
CICSAOR2	GCDSA	CICS	ABOVEBAR	6291456	0	0.0	0.0	0	67108864	0	2141192192	2041
CICSAOR2	RDSA	READONLY	BELOW	262144	1572864	88.0	9.3	3840	65536	0	24576	24576
CICSAOR2	SDSA	CICS	BELOW	262144	1572864	88.0	95.3	3328	65536	0	249856	249856
CICSAOR2	UDSA	CICS	BELOW	262144	1572864	88.0	100.0	0	65536	0	262144	262144
CICSAOR3	CDSA	CICS	BELOW	524288	1310720	88.1	6.2	0	65536	0	32768	16384
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.9	7168	131072	0	827392	815104
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSAOR3	ESDSA	CICS	ABOVE	1048576	53477376	91.0	93.7	0	131072	0	983040	983040
CICSAOR3	ETDSA	TRUSTED	ABOVE	1048576	53477376	91.0	96.8	0	131072	0	1015808	1015808
CICSAOR3	EUDSA	CICS	ABOVE	1048576	53477376	91.0	81.2	0	0	0	851968	851968
CICSAOR3	GCDSA	CICS	ABOVEBAR	4194304	0	0.0	0.0	0	67108864	0	2143289344	2043
CICSAOR3	RDSA	READONLY	BELOW	262144	1310720	88.1	7.8	3840	65536	0	20480	20480

# Column Sorting in Views



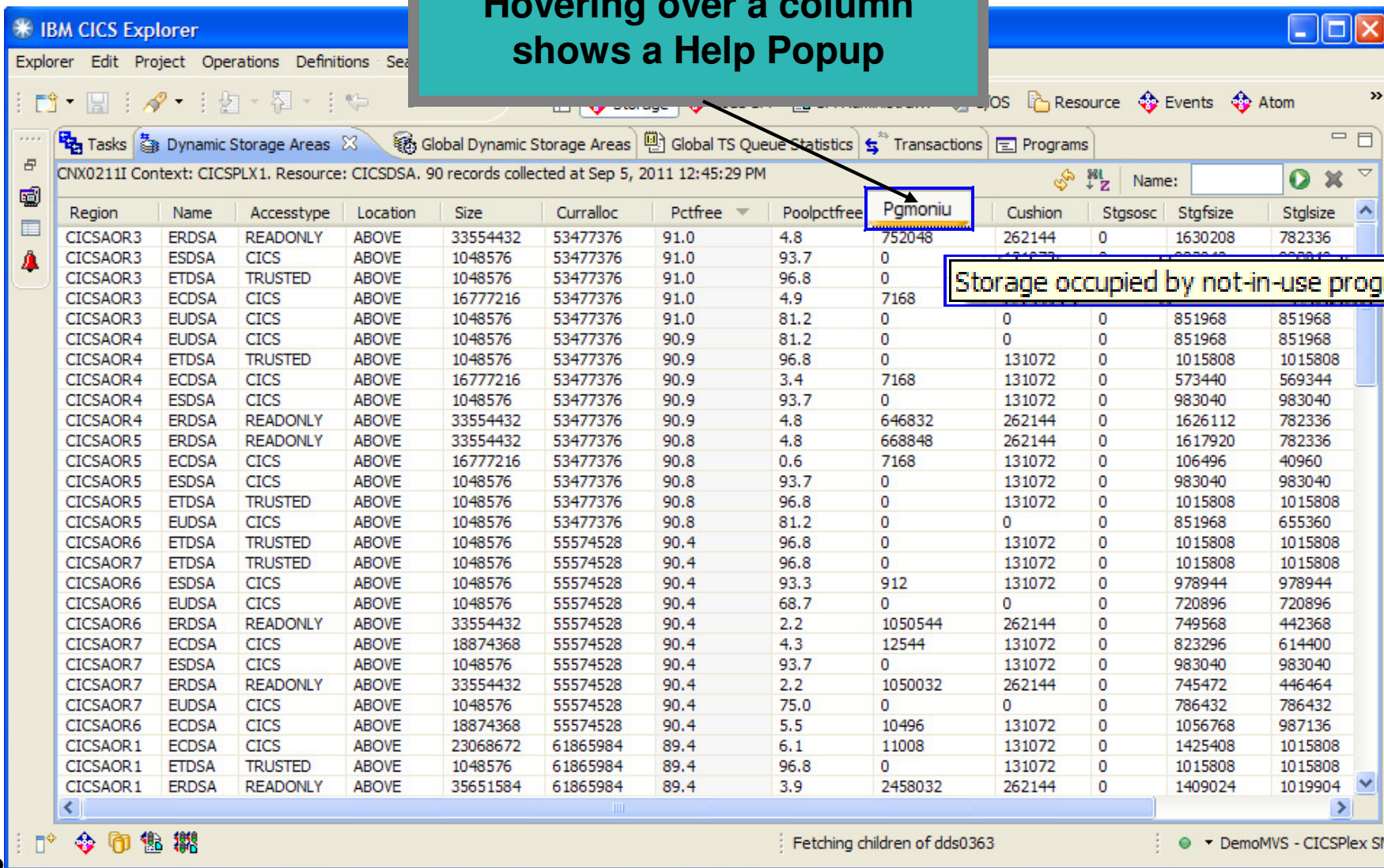
**Sorted by  
Percentage of available  
total storage**

The screenshot shows the IBM CICS Explorer interface with a table of storage areas. The table is sorted by the 'Pctfree' column, which is highlighted with a dropdown arrow. A callout box points to this column with the text 'Sorted by Percentage of available total storage'. The table contains 30 rows of data with columns: Region, Name, Accesstype, Location, Size, Curralloc, Pctfree, Poolpctfree, Pgmoniu, Cushion, Stgsosc, Stgfsz, and Stglz.

Region	Name	Accesstype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgfsz	Stglz
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSAOR3	ESDSA	CICS	ABOVE	1048576	53477376	91.0	93.7	0	131072	0	983040	983040
CICSAOR3	ETDSA	TRUSTED	ABOVE	1048576	53477376	91.0	96.8	0	131072	0	1015808	1015808
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.9	7168	131072	0	827392	815104
CICSAOR3	EUDSA	CICS	ABOVE	1048576	53477376	91.0	81.2	0	0	0	851968	851968
CICSAOR4	EUDSA	CICS	ABOVE	1048576	53477376	90.9	81.2	0	0	0	851968	851968
CICSAOR4	ETDSA	TRUSTED	ABOVE	1048576	53477376	90.9	96.8	0	131072	0	1015808	1015808
CICSAOR4	ECDSA	CICS	ABOVE	16777216	53477376	90.9	3.4	7168	131072	0	573440	569344
CICSAOR4	ESDSA	CICS	ABOVE	1048576	53477376	90.9	93.7	0	131072	0	983040	983040
CICSAOR4	ERDSA	READONLY	ABOVE	33554432	53477376	90.9	4.8	646832	262144	0	1626112	782336
CICSAOR5	ERDSA	READONLY	ABOVE	33554432	53477376	90.8	4.8	668848	262144	0	1617920	782336
CICSAOR5	ECDSA	CICS	ABOVE	16777216	53477376	90.8	0.6	7168	131072	0	106496	40960
CICSAOR5	ESDSA	CICS	ABOVE	1048576	53477376	90.8	93.7	0	131072	0	983040	983040
CICSAOR5	ETDSA	TRUSTED	ABOVE	1048576	53477376	90.8	96.8	0	131072	0	1015808	1015808
CICSAOR5	EUDSA	CICS	ABOVE	1048576	53477376	90.8	81.2	0	0	0	851968	655360
CICSAOR6	ETDSA	TRUSTED	ABOVE	1048576	55574528	90.4	96.8	0	131072	0	1015808	1015808
CICSAOR7	ETDSA	TRUSTED	ABOVE	1048576	55574528	90.4	96.8	0	131072	0	1015808	1015808
CICSAOR6	ESDSA	CICS	ABOVE	1048576	55574528	90.4	93.3	912	131072	0	978944	978944
CICSAOR6	EUDSA	CICS	ABOVE	1048576	55574528	90.4	68.7	0	0	0	720896	720896
CICSAOR6	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050544	262144	0	749568	442368
CICSAOR7	ECDSA	CICS	ABOVE	18874368	55574528	90.4	4.3	12544	131072	0	823296	614400
CICSAOR7	ESDSA	CICS	ABOVE	1048576	55574528	90.4	93.7	0	131072	0	983040	983040
CICSAOR7	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050032	262144	0	745472	446464
CICSAOR7	EUDSA	CICS	ABOVE	1048576	55574528	90.4	75.0	0	0	0	786432	786432
CICSAOR6	ECDSA	CICS	ABOVE	18874368	55574528	90.4	5.5	10496	131072	0	1056768	987136
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4	6.1	11008	131072	0	1425408	1015808
CICSAOR1	ETDSA	TRUSTED	ABOVE	1048576	61865984	89.4	96.8	0	131072	0	1015808	1015808
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4	3.9	2458032	262144	0	1409024	1019904

# Column Sorting in Views

Hovering over a column shows a Help Popup



The screenshot displays the IBM CICS Explorer interface. The main window shows a table of storage areas. The 'Pgmoniu' column is highlighted, and a help popup is visible over it. The table contains the following data:

Region	Name	Accessype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgfsz	Stgsize
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSAOR3	ESDSA	CICS	ABOVE	1048576	53477376	91.0	93.7	0	131072	0	983040	983040
CICSAOR3	ETDSA	TRUSTED	ABOVE	1048576	53477376	91.0	96.8	0	131072	0	1015808	1015808
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.9	7168	131072	0	573440	569344
CICSAOR3	EUDSA	CICS	ABOVE	1048576	53477376	91.0	81.2	0	0	0	851968	851968
CICSAOR4	EUDSA	CICS	ABOVE	1048576	53477376	90.9	81.2	0	0	0	851968	851968
CICSAOR4	ETDSA	TRUSTED	ABOVE	1048576	53477376	90.9	96.8	0	131072	0	1015808	1015808
CICSAOR4	ECDSA	CICS	ABOVE	16777216	53477376	90.9	3.4	7168	131072	0	573440	569344
CICSAOR4	ESDSA	CICS	ABOVE	1048576	53477376	90.9	93.7	0	131072	0	983040	983040
CICSAOR4	ERDSA	READONLY	ABOVE	33554432	53477376	90.9	4.8	646832	262144	0	1626112	782336
CICSAOR5	ERDSA	READONLY	ABOVE	33554432	53477376	90.8	4.8	668848	262144	0	1617920	782336
CICSAOR5	ECDSA	CICS	ABOVE	16777216	53477376	90.8	0.6	7168	131072	0	106496	40960
CICSAOR5	ESDSA	CICS	ABOVE	1048576	53477376	90.8	93.7	0	131072	0	983040	983040
CICSAOR5	ETDSA	TRUSTED	ABOVE	1048576	53477376	90.8	96.8	0	131072	0	1015808	1015808
CICSAOR5	EUDSA	CICS	ABOVE	1048576	53477376	90.8	81.2	0	0	0	851968	655360
CICSAOR6	ETDSA	TRUSTED	ABOVE	1048576	55574528	90.4	96.8	0	131072	0	1015808	1015808
CICSAOR7	ETDSA	TRUSTED	ABOVE	1048576	55574528	90.4	96.8	0	131072	0	1015808	1015808
CICSAOR6	ESDSA	CICS	ABOVE	1048576	55574528	90.4	93.3	912	131072	0	978944	978944
CICSAOR6	EUDSA	CICS	ABOVE	1048576	55574528	90.4	68.7	0	0	0	720896	720896
CICSAOR6	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050544	262144	0	749568	442368
CICSAOR7	ECDSA	CICS	ABOVE	18874368	55574528	90.4	4.3	12544	131072	0	823296	614400
CICSAOR7	ESDSA	CICS	ABOVE	1048576	55574528	90.4	93.7	0	131072	0	983040	983040
CICSAOR7	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050032	262144	0	745472	446464
CICSAOR7	EUDSA	CICS	ABOVE	1048576	55574528	90.4	75.0	0	0	0	786432	786432
CICSAOR6	ECDSA	CICS	ABOVE	18874368	55574528	90.4	5.5	10496	131072	0	1056768	987136
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4	6.1	11008	131072	0	1425408	1015808
CICSAOR1	ETDSA	TRUSTED	ABOVE	1048576	61865984	89.4	96.8	0	131072	0	1015808	1015808
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4	3.9	2458032	262144	0	1409024	1019904

Storage occupied by not-in-use programs

# Column Sorting in Views



**Sorted by  
Storage occupied by  
Not-in-use programs**

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search

Dynamic Storage Areas Global Dynamic Storage Areas Global TS Queue Statistics Transactions Programs

CNX0211I Context: CICSPLEX1. Resource: CICSDSA. 90 records collected at Sep 5, 2011 12:37:03 PM

Region	Name	Accessype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgfsz	Stgsize
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4	3.9	2458032	262144	0	1409024	1019904
CICSAOR2	ERDSA	READONLY	ABOVE	35651584	60817408	47.3	4.3	2427312	262144	0	1540096	1019904
CICSCM	ERDSA	READONLY	ABOVE	33554432	183500800	80.9	1.9	2336672	262144	0	663552	626688
CICSAOR6	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050544	262144	0	749568	442368
CICSAOR7	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050032	262144	0	745472	446464
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSWUI	ERDSA	READONLY	ABOVE	37748736	63963136	78.1	1.8	683008	262144	0	716800	413696
CICSAOR5	ERDSA	READONLY	ABOVE	33554432	53477376	90.8	4.8	668848	262144	0	1617920	782336
CICSAOR4	ERDSA	READONLY	ABOVE	33554432	53477376	90.9	4.8	646832	262144	0	1626112	782336
CICSWUI	RDSA	READONLY	BELOW	262144	1572864	82.1	12.5	24320	65536	0	32768	32768
CICSAOR7	ECDSA	CICS	ABOVE	18874368	55574528	90.4	4.2	12544	131072	0	794624	614400
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4	6.1	11008	131072	0	1425408	1015808
CICSAOR2	ECDSA	CICS	ABOVE	22020096	60817408	47.3	5.7	11008	131072	0	1269760	1015808
CICSAOR6	ECDSA	CICS	ABOVE	18874368	55574528	90.4	5.4	10496	131072	0	1028096	987136
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.7	7168	131072	0	798720	786432
CICSAOR4	ECDSA	CICS	ABOVE	16777216	53477376	90.9	3.2	7168	131072	0	544768	540672
CICSAOR5	ECDSA	CICS	ABOVE	16777216	53477376	90.8	0.4	7168	131072	0	77824	40960
CICSCM	ECDSA	CICS	ABOVE	41943040	183500800	80.9	58.7	5376	131072	0	24653824	3145728
CICSWUI	ECDSA	CICS	ABOVE	23068672	63963136	78.1	7.6	5376	131072	0	1761280	1048576
CICSAOR5	RDSA	READONLY	BELOW	262144	1310720	85.7	9.3	3840	65536	0	24576	24576
CICSAOR7	RDSA	READONLY	BELOW	262144	1572864	84.6	9.3	3840	65536	0	24576	24576
CICSAOR3	RDSA	READONLY	BELOW	262144	1310720	88.1	7.8	3840	65536	0	20480	20480
CICSAOR6	RDSA	READONLY	BELOW	262144	1572864	84.0	9.3	3840	65536	0	24576	24576
CICSCM	RDSA	READONLY	BELOW	262144	1310720	83.4	20.3	3840	65536	0	53248	53248
CICSAOR1	RDSA	READONLY	BELOW	262144	1572864	66.8	9.3	3840	65536	0	24576	24576
CICSAOR4	RDSA	READONLY	BELOW	262144	1310720	85.8	9.3	3840	65536	0	24576	24576
CICSAOR2	RDSA	READONLY	BELOW	262144	1572864	88.0	9.3	3840	65536	0	24576	24576
CICSAOR2	SDSA	CICS	BELOW	262144	1572864	88.0	95.3	3328	65536	0	249856	249856

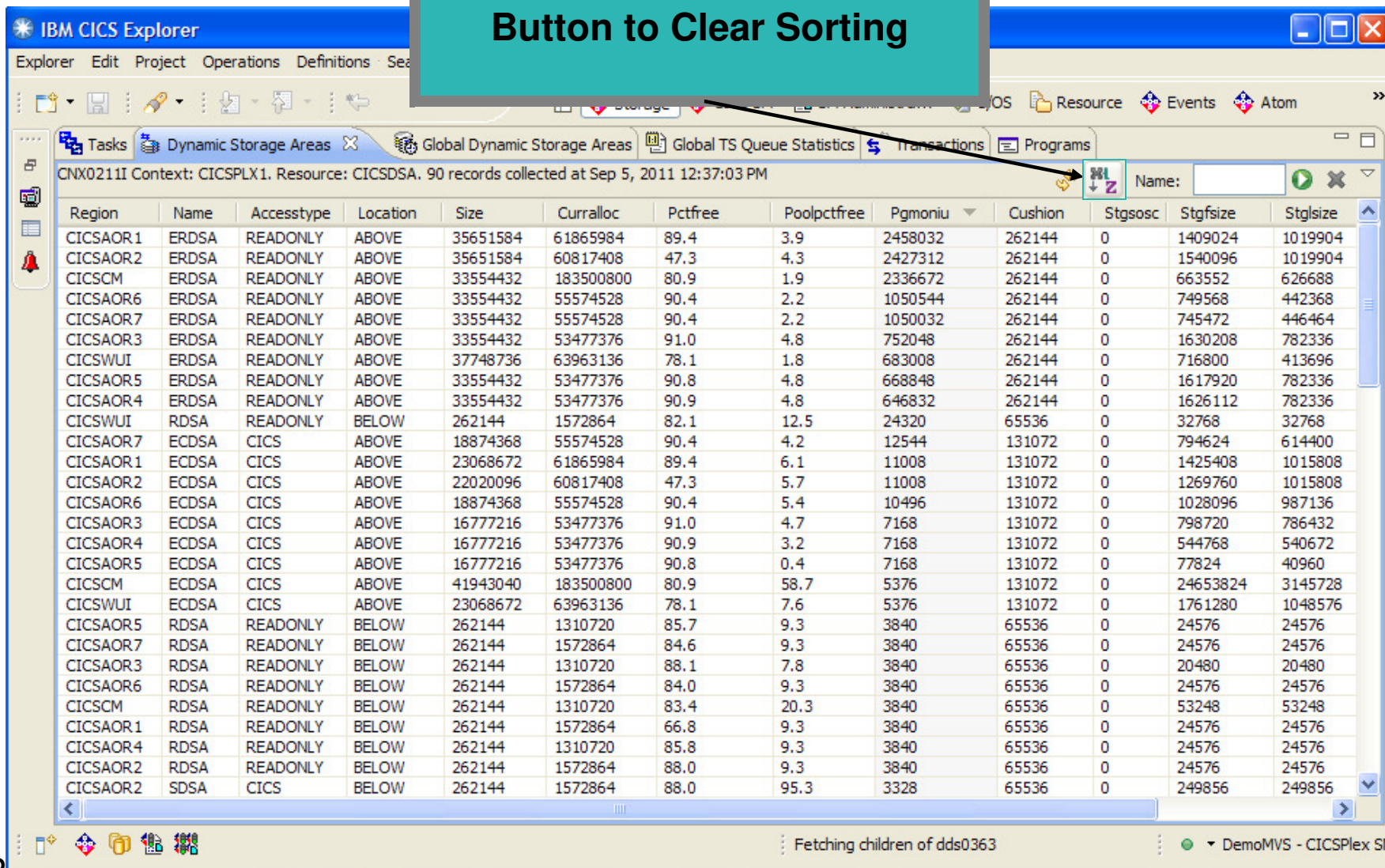
Fetching children of dds0363

DemoMVS - CICSplex SM



# Column Sorting in Views

Button to Clear Sorting



The screenshot shows the IBM CICS Explorer interface. A table displays storage area details. A callout box labeled 'Button to Clear Sorting' points to a button with a downward arrow and the letter 'Z' in the top right corner of the table header area.

Region	Name	Accessstype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgfsz	Stgsize
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4	3.9	2458032	262144	0	1409024	1019904
CICSAOR2	ERDSA	READONLY	ABOVE	35651584	60817408	47.3	4.3	2427312	262144	0	1540096	1019904
CICSCM	ERDSA	READONLY	ABOVE	33554432	183500800	80.9	1.9	2336672	262144	0	663552	626688
CICSAOR6	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050544	262144	0	749568	442368
CICSAOR7	ERDSA	READONLY	ABOVE	33554432	55574528	90.4	2.2	1050032	262144	0	745472	446464
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSWUI	ERDSA	READONLY	ABOVE	37748736	63963136	78.1	1.8	683008	262144	0	716800	413696
CICSAOR5	ERDSA	READONLY	ABOVE	33554432	53477376	90.8	4.8	668848	262144	0	1617920	782336
CICSAOR4	ERDSA	READONLY	ABOVE	33554432	53477376	90.9	4.8	646832	262144	0	1626112	782336
CICSWUI	RDSA	READONLY	BELOW	262144	1572864	82.1	12.5	24320	65536	0	32768	32768
CICSAOR7	ECDSA	CICS	ABOVE	18874368	55574528	90.4	4.2	12544	131072	0	794624	614400
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4	6.1	11008	131072	0	1425408	1015808
CICSAOR2	ECDSA	CICS	ABOVE	22020096	60817408	47.3	5.7	11008	131072	0	1269760	1015808
CICSAOR6	ECDSA	CICS	ABOVE	18874368	55574528	90.4	5.4	10496	131072	0	1028096	987136
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.7	7168	131072	0	798720	786432
CICSAOR4	ECDSA	CICS	ABOVE	16777216	53477376	90.9	3.2	7168	131072	0	544768	540672
CICSAOR5	ECDSA	CICS	ABOVE	16777216	53477376	90.8	0.4	7168	131072	0	77824	40960
CICSCM	ECDSA	CICS	ABOVE	41943040	183500800	80.9	58.7	5376	131072	0	24653824	3145728
CICSWUI	ECDSA	CICS	ABOVE	23068672	63963136	78.1	7.6	5376	131072	0	1761280	1048576
CICSAOR5	RDSA	READONLY	BELOW	262144	1310720	85.7	9.3	3840	65536	0	24576	24576
CICSAOR7	RDSA	READONLY	BELOW	262144	1572864	84.6	9.3	3840	65536	0	24576	24576
CICSAOR3	RDSA	READONLY	BELOW	262144	1310720	88.1	7.8	3840	65536	0	20480	20480
CICSAOR6	RDSA	READONLY	BELOW	262144	1572864	84.0	9.3	3840	65536	0	24576	24576
CICSCM	RDSA	READONLY	BELOW	262144	1310720	83.4	20.3	3840	65536	0	53248	53248
CICSAOR1	RDSA	READONLY	BELOW	262144	1572864	66.8	9.3	3840	65536	0	24576	24576
CICSAOR4	RDSA	READONLY	BELOW	262144	1310720	85.8	9.3	3840	65536	0	24576	24576
CICSAOR2	RDSA	READONLY	BELOW	262144	1572864	88.0	9.3	3840	65536	0	24576	24576
CICSAOR2	SDSA	CICS	BELOW	262144	1572864	88.0	95.3	3328	65536	0	249856	249856

# Column Sorting in Views



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Storage CICS SM SM Administra... z/OS Resource Events Atom

Tasks Dynamic Storage Areas Global Dynamic Storage Areas Global TS Queue Statistics Transactions Programs

CNX0211I Context: CICSPLEX1. Resource: CICSDSA. 90 records collected at Sep 5, 2011 12:36:02 PM

Region	Name	Accesstype	Location	Size	Curralloc	Pctfree	Poolpctfree	Pgmoniu	Cushion	Stgsosc	Stgsize	Stgsize
CICSAOR1	CDSA	CICS	BELOW	786432	1572864	66.8	34.3	0	65536	0	270336	262144
CICSAOR1	ECDSA	CICS	ABOVE	23068672	61865984	89.4	6.1	11008	131072	0	1425408	1015808
CICSAOR1	ERDSA	READONLY	ABOVE	35651584	61865984	89.4	3.9	2458032	262144	0	1409024	1019904
CICSAOR1	ESDSA	CICS	ABOVE	1048576	61865984	89.4	93.7	0	131072	0	983040	983040
CICSAOR1	ETDSA	TRUSTED	ABOVE	1048576	61865984	89.4	96.8	0	131072	0	1015808	1015808
CICSAOR1	EUDSA	CICS	ABOVE	1048576	61865984	89.4	62.5	0	0	0	655360	655360
CICSAOR1	GCDSA	CICS	ABOVEBAR	6291456	0	0.0	0.0	0	67108864	0	2141192192	2041
CICSAOR1	RDSA	READONLY	BELOW	262144	1572864	66.8	9.3	3840	65536	0	24576	24576
CICSAOR1	SDSA	CICS	BELOW	262144	1572864	66.8	93.7	512	65536	0	245760	245760
CICSAOR1	UDSA	CICS	BELOW	262144	1572864	66.8	95.3	0	65536	0	249856	249856
CICSAOR2	CDSA	CICS	BELOW	786432	1572864	88.0	36.4	0	65536	0	286720	262144
CICSAOR2	ECDSA	CICS	ABOVE	22020096	60817408	47.3	5.7	11008	131072	0	1269760	1015808
CICSAOR2	ERDSA	READONLY	ABOVE	35651584	60817408	47.3	4.3	2427312	262144	0	1540096	1019904
CICSAOR2	ESDSA	CICS	ABOVE	1048576	60817408	47.3	93.7	0	131072	0	983040	983040
CICSAOR2	ETDSA	TRUSTED	ABOVE	1048576	60817408	47.3	96.8	0	131072	0	1015808	1015808
CICSAOR2	EUDSA	CICS	ABOVE	1048576	60817408	47.3	81.2	0	0	0	851968	851968
CICSAOR2	GCDSA	CICS	ABOVEBAR	6291456	0	0.0	0.0	0	67108864	0	2141192192	2041
CICSAOR2	RDSA	READONLY	BELOW	262144	1572864	88.0	9.3	3840	65536	0	24576	24576
CICSAOR2	SDSA	CICS	BELOW	262144	1572864	88.0	95.3	3328	65536	0	249856	249856
CICSAOR2	UDSA	CICS	BELOW	262144	1572864	88.0	100.0	0	65536	0	262144	262144
CICSAOR3	CDSA	CICS	BELOW	524288	1310720	88.1	6.2	0	65536	0	32768	16384
CICSAOR3	ECDSA	CICS	ABOVE	16777216	53477376	91.0	4.9	7168	131072	0	827392	815104
CICSAOR3	ERDSA	READONLY	ABOVE	33554432	53477376	91.0	4.8	752048	262144	0	1630208	782336
CICSAOR3	ESDSA	CICS	ABOVE	1048576	53477376	91.0	93.7	0	131072	0	983040	983040
CICSAOR3	ETDSA	TRUSTED	ABOVE	1048576	53477376	91.0	96.8	0	131072	0	1015808	1015808
CICSAOR3	EUDSA	CICS	ABOVE	1048576	53477376	91.0	81.2	0	0	0	851968	851968
CICSAOR3	GCDSA	CICS	ABOVEBAR	4194304	0	0.0	0.0	0	67108864	0	2143289344	2043
CICSAOR3	RDSA	READONLY	BELOW	262144	1310720	88.1	7.8	3840	65536	0	20480	20480

Fetching children of dds0363

DemoMVS - CICSplex SM

# Transaction Tracking

- **Follows the path of a transaction through the system**
- **Provides means to track and correlate the progress of**
  - Simple linearly routed tasks, asynchronous tasks, spawned CICS tasks
    - Across distributed CICS systems including over CICS managed TCP/IP
- **Extends and uses Association data**
  - Previous hop association data and origin data for both MRO and IPIC connections
- **Helps to answer questions like**
  - Why is this transaction suspended?
  - Where was this transaction routed to?
  - What was the point of origin for this transaction?

# Transaction Tracking



**Identify A Task to Analyze**

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search

Tasks Task Associations Transactions Programs Files Services Queues Connections

CNX02111 Context: CICSPLX1. Resource: TASKASSC. 61 records collected at Sep 5, 2011 5:28:27 PM

Region	Task ID	Start Time	Origin Transaction ID	Origin Ap...	Origin Us...	Origin Task	Origin Fac...	Origin Fac...	Origin IP ...
CICSAOR1	0000029	2011-09-05T18:36:28.286612+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000048	2011-09-05T18:36:30.186619+00:00	CKAM	CICSACB1	SYSSTC	0000048	START		0.0.0.0
CICSAOR1	0000050	2011-09-05T18:36:30.186631+00:00	CSKL	CICSACB1	SYSSTC	0000050	START		0.0.0.0
CICSAOR1	0000056	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000060	2011-09-05T18:36:33.070592+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000062	2011-09-05T18:36:34.905368+00:00	OMEG	CICSACB1	SYSSTC	0000062	START		0.0.0.0
CICSAOR1	0000063	2011-09-05T18:36:34.905631+00:00	OMEG	CICSACB1	SYSSTC	0000062	START		0.0.0.0
CICSAOR1	0000134	2011-09-05T21:06:19.125174+00:00	ABRW	CICSACB1	DDS0363	0000134	TERMINAL	0050	9.49.146...
CICSAOR2	0000027	2011-09-04T20:09:41.693224+00:00	CONL	CICSACB2	SYSSTC	0000027	NONE		0.0.0.0
CICSAOR2	0000044	2011-09-04T20:09:43.250145+00:00	CKAM	CICSACB2	SYSSTC	0000044	START		0.0.0.0
CICSAOR2	0000045	2011-09-04T20:09:43.250151+00:00	CKTI	CICSACB2	SYSSTC	0000045	START		0.0.0.0
CICSAOR2	0000052	2011-09-04T20:09:44.006149+00:00	CONL	CICSACB2	SYSSTC	0000027	NONE		0.0.0.0

Regions Properties Internal Web Browser RTA Events Search Error Log

No search results available. Start a search from the [search dialog...](#)

DemoMVS - CICSplex SM

# Transaction Tracking



**Right Click and Search  
Associated Tasks**

Region	Task ID	Start Time	Origin Transaction ID	Origin Ap...	Origin Us...	Origin Task	Origin Fac...	Origin Fac...	Origin IP ...
CICSAOR1	0000029	2011-09-05T18:36:28.286612+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000048	2011-09-05T18:36:30.186619+00:00	CKAM	CICSACB1	SYSSTC	0000048	START		0.0.0.0
CICSAOR1	0000050	2011-09-05T18:36:30.186631+00:00	CSKL	CICSACB1	SYSSTC	0000050	START		0.0.0.0
CICSAOR1	0000056	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000060	2011-09-05T18:36:33.070592+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000062	2011-09-05T18:36:34.905368+00:00	OMEG	CICSACB1	SYSSTC	0000062	START		0.0.0.0
CICSAOR1	0000063	2011-09-05T18:36:34.905631+00:00	OMEG	CICSACB1	SYSSTC	0000062	START		0.0.0.0
CICSAOR1	0000134	2011-09-05T18:36:34.905631+00:00	ABRY	CICSACB1	DDS0363	0000134	TERMINAL	0050	9.49.146...
CICSAOR2	0000027	2011-09-04T20:09:44.006144+00:00	CONL	CICSACB2	SYSSTC	0000027	NONE		0.0.0.0
CICSAOR2	0000044	2011-09-04T20:09:44.006144+00:00	CONL	CICSACB2	SYSSTC	0000044	START		0.0.0.0
CICSAOR2	0000045	2011-09-04T20:09:44.006144+00:00	CONL	CICSACB2	SYSSTC	0000045	START		0.0.0.0
CICSAOR2	0000052	2011-09-04T20:09:44.006144+00:00	CONL	CICSACB2	SYSSTC	0000027	NONE		0.0.0.0

Regions Properties Internal Web Browser RTA Events Search Error Log

No search results available. Start a search from the [search dialog...](#)

DemoMVS - CICSplex SM

# Transaction Tracking



**A Search Analysis is run**

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search

Tasks Task Associations Transactions Programs Files XCF Services JMS Queues JMS Connections

CNX0211I Context: CICSPLX1. Resource: TASKASSC. 61 records collected at Sep 5, 2011 5:25:27 PM

Region	Task ID	Start Time	Origin Transaction ID	Origin Ap...	Origin Us...	Origin Task	Origin Fac...	Origin Fac...	Origin IP ...
CICSAOR1	0000029	2011-09-05T18:36:28.286612+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000048	2011-09-05T18:36:30.186619+00:00	CKAM	CICSACB1	SYSSTC	0000048	START		0.0.0.0
CICSAOR1	0000050	2011-09-05T18:36:30.186631+00:00	CSKL	CICSACB1	SYSSTC	0000050	START		0.0.0.0
CICSAOR1	0000056	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000060	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000062	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR1	0000062	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	START		0.0.0.0
CICSAOR1	0000063	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	START		0.0.0.0
CICSAOR1	0000134	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	TERMINAL	0050	9.49.146...
CICSAOR2	0000027	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0
CICSAOR2	0000044	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	START		0.0.0.0
CICSAOR2	0000045	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	START		0.0.0.0
CICSAOR2	0000052	2011-09-05T18:36:30.720844+00:00	CONL	CICSACB1	SYSSTC	0000029	NONE		0.0.0.0

Tasks associated with task "0000134" in region "CICSAOR1"

Tasks associated with task "0000134" in region "CICSAOR1"

Tasks associated with task "0000134" in region "CICSAOR1"

Run in Background Cancel << Details

# Transaction Tracking



**Results show up in the Search View**

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search

Tasks Task Associations Transactions Programs Files Services Queues Connections

CNX0211I Context: CICSPLX1. Resource: TASK. 61 records collected at Sep 5, 2011 5:06:40 PM

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB ...
CICSAOR1	0000029	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000048	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	2:29:53	0	0000:00:00.000...
CICSAOR1	0000050	CSKL	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:24	0	0000:00:00.000...
CICSAOR1	0000056	COIO	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000060	COIE	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:06	0	0000:00:00.000...
CICSAOR1	0000062	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000063	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000134	ABRW	▢ SUSPENDED	DDS0363	0050	1	DFHTCL00	0:00:05	0	0000:00:00.000...
CICSAOR2	0000027	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR2	0000044	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	4:56:41	0	0000:00:00.000...
CICSAOR2	0000045	CKTI	▢ SUSPENDED	SYSSTC		1	DFHTCL00	4:56:41	1	0000:00:00.000...

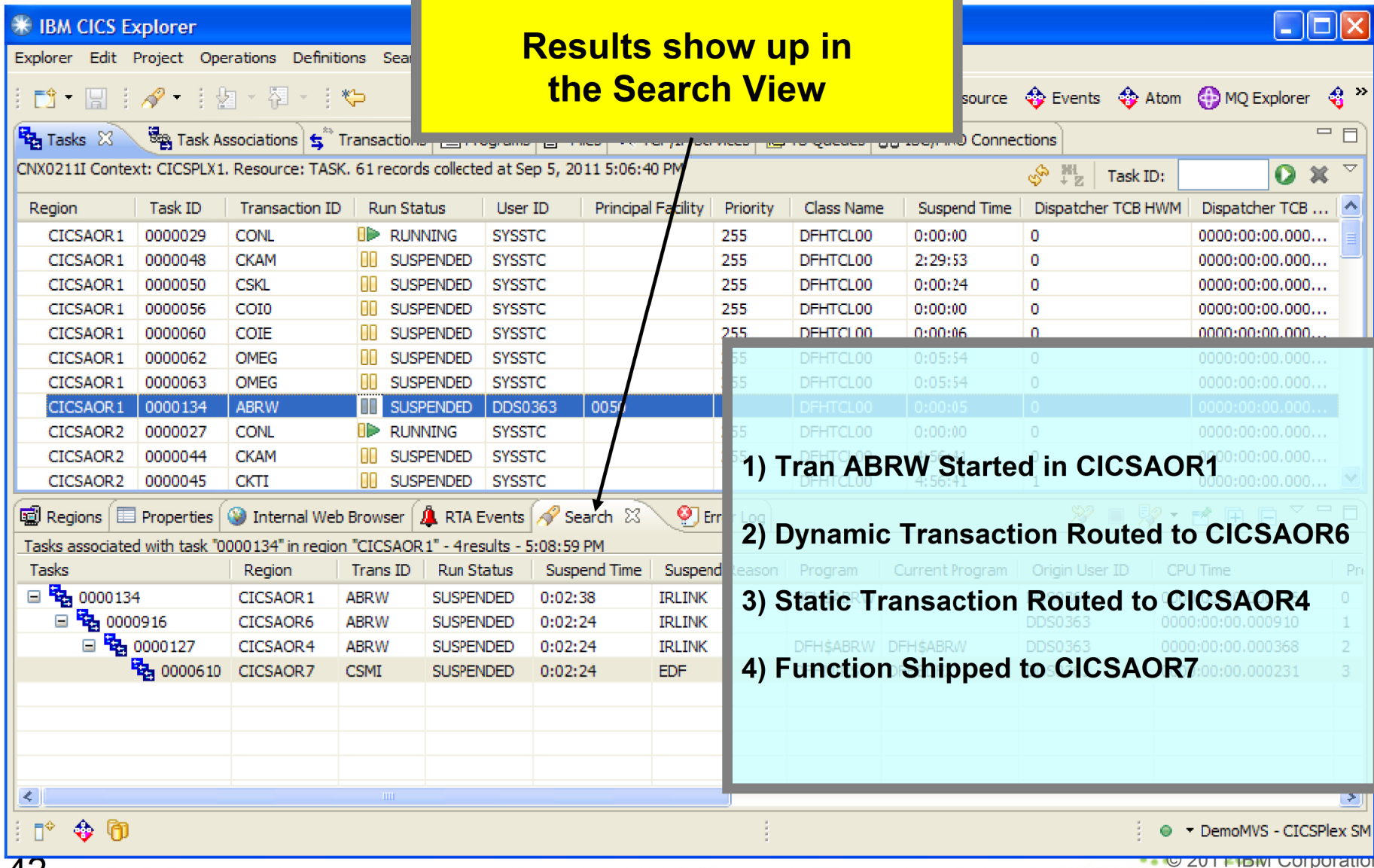
Regions Properties Internal Web Browser RTA Events Search Error Log

Tasks associated with task "0000134" in region "CICSAOR1" - 4 results - 5:08:59 PM

Tasks	Region	Trans ID	Run Status	Suspend Time	Suspend Reason	Program	Current Program	Origin User ID	CPU Time	Pr
0000134	CICSAOR1	ABRW	SUSPENDED	0:02:38	IRLINK	DFH\$ABRW		DDS0363	0000:00:00.000316	0
0000916	CICSAOR6	ABRW	SUSPENDED	0:02:24	IRLINK			DDS0363	0000:00:00.000910	1
0000127	CICSAOR4	ABRW	SUSPENDED	0:02:24	IRLINK	DFH\$ABRW	DFH\$ABRW	DDS0363	0000:00:00.000368	2
0000610	CICSAOR7	CSMI	SUSPENDED	0:02:24	EDF	DFHMIRS	DFHEDFX	DDS0363	0000:00:00.000231	3

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# Transaction Tracking



**Results show up in the Search View**

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB ...
CICSAOR1	0000029	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000048	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	2:29:53	0	0000:00:00.000...
CICSAOR1	0000050	CSKL	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:24	0	0000:00:00.000...
CICSAOR1	0000056	COIO	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000060	COIE	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:06	0	0000:00:00.000...
CICSAOR1	0000062	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000063	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000134	ABRW	▢ SUSPENDED	DDS0363	005	255	DFHTCL00	0:00:05	0	0000:00:00.000...
CICSAOR2	0000027	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR2	0000044	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR2	0000045	CKTI	▢ SUSPENDED	SYSSTC		255	DFHTCL00	4:56:41	1	0000:00:00.000...

Tasks associated with task "0000134" in region "CICSAOR1" - 4 results - 5:08:59 PM

Tasks	Region	Trans ID	Run Status	Suspend Time	Suspend
0000134	CICSAOR1	ABRW	SUSPENDED	0:02:38	IRLINK
0000916	CICSAOR6	ABRW	SUSPENDED	0:02:24	IRLINK
0000127	CICSAOR4	ABRW	SUSPENDED	0:02:24	IRLINK
0000610	CICSAOR7	CSMI	SUSPENDED	0:02:24	EDF

- 1) Tran ABRW Started in CICSAOR1
- 2) Dynamic Transaction Routed to CICSAOR6
- 3) Static Transaction Routed to CICSAOR4
- 4) Function Shipped to CICSAOR7



# Transaction Tracking



**Can PURGE the Offending Task from the Search View**

The screenshot displays the IBM CICS Explorer interface. The top window shows a list of tasks with columns for Region, Task ID, Transaction ID, Run Status, User ID, Principal Facility, Priority, Class Name, Suspend Time, Dispatcher TCB HWM, and Dispatcher TCB. The task with ID 0000134 (ABRW) is highlighted. Below this, a search view shows tasks associated with task ID 0000140 in region CICSAOR1. A context menu is open over the task with ID 0000629 (CSMI), showing options: Open, Search, Purge, Force Purge, and Kill. The 'Purge' option is selected.

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB ...
CICSAOR1	0000029	CONL	▶▶▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000048	CKAM	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	2:29:53	0	0000:00:00.000...
CICSAOR1	0000050	CSKL	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:24	0	0000:00:00.000...
CICSAOR1	0000056	COIO	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000060	COIE	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:06	0	0000:00:00.000...
CICSAOR1	0000062	OMEG	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000063	OMEG	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000134	ABRW	▶▶ SUSPENDED	DDS0363	0050	1	DFHTCL00	0:00:05	0	0000:00:00.000...
CICSAOR2	0000027	CONL	▶▶▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR2	0000044	CKAM	▶▶ SUSPENDED	SYSSTC		255	DFHTCL00	4:56:41	0	0000:00:00.000...
CICSAOR2	0000045	CKTI	▶▶ SUSPENDED	SYSSTC		1	DFHTCL00	4:56:41	1	0000:00:00.000...

Tasks	Region	Trans ID	Run Status	Suspend Time	Suspend Reason	Program	Current Program	Origin User ID	CPU Time	Pr
0000140	CICSAOR1	ABRW	SUSPENDED	0:02:24	IRLINK	DFH\$ABRW		DDS0363	0000:00:00.000300	0
0000927	CICSAOR6	ABRW	SUSPENDED	0:02:24	IRLINK			DDS0363	0000:00:00.001044	1
0000132	CICSAOR4	ABRW	SUSPENDED	0:02:24	IRLINK	DFH\$ABRW	DFH\$ABRW	DDS0363	0000:00:00.000372	2
0000629	CICSAOR7	CSMI	SUSPENDED	0:02:24	IRLINK	DFH\$MIRS	DFHEDFX	DDS0363	0000:00:00.000243	3



# Transaction Tracking – Originating from TCP/IP Service

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

CICS SM SM Administra... z/OS Resource Events Atom MQ Explorer

Tasks Task Associations Transactions Programs Files TS Queues ISC/MRO Connections **TCP/IP Services**

CNX0211I Context: CICACB11. Resource: TCIPIS. 4 records collected at Sep 5, 2011 6:39:02 PM

Region	Name	Port	Service Status	Num Of Conne...	Backlog	IP Address	TS Queue Prefix	Socket Close Ac...
CICACB11	ADNREST2	8092	OPEN	0	1	9.39.68.147		WAIT
CICACB11	ADNRREST	9092	OPEN	0	1	9.39.68.147		WAIT
CICACB11	DFH\$WUTC	9097	OPEN	1	10	9.39.68.147		WAIT
CICACB11	TP000002	3092	OPEN	0	1	9.39.68.147		TIMEOUT

Regions Properties Internal Web Browser RTA Events Search Error Log

No search results available. Start a search from the [search dialog...](#)

DemoMVS - CICS

# Transaction Tracking – Originating from TCP/IP Service



**Right Click and Search  
Tasks from TCP/IP Service**

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search

Tasks Task Associations Transactions

CNX0211I Context: CICACB11. Resource: TCPIPS. 4 records collected at Sep 5, 2011 6:39:02 PM

Region	Name	Port	Service Status	Num Of Connec...	Backlog	IP Address	TS Queue Prefix	Socket Close Ac...
CICACB11	ADNREST2	8092	OPEN	0	1	9.39.68.147		WAIT
CICACB11	ADNRREST	9092	OPEN	0	1	9.39.68.147		WAIT
CICACB11	DFH\$WUTC	9097	OPEN	1	1	9.39.68.147		WAIT
CICACB11	TP000002	3092	OPEN		1	9.39.68.147		TIMEOUT

- Open
- Open TCP/IP Service
- Deregister
- Search
- Close TCP/IP Service
- Discard

Tasks from TCP/IP service

Regions Properties Internal Web Browser RTA Events Search Error Log

No search results available. Start a search from the [search dialog...](#)

DemoMVS - CICS



# Transaction Tracking – Originating from TCP/IP Service

**Results show up in the Search View**

The screenshot shows the IBM CICS Explorer interface. The top pane displays a table of TCP/IP services. The bottom pane shows search results for tasks originating from the selected service.

Region	Name	Port	Service Status	Num Of Connec...	Backlog	IP Address	TS Queue Prefix	Socket Close Ac...
CICACB11	ADNREST2	8092	OPEN	0	1	9.39.68.147		WAIT
CICACB11	ADNRREST	9092	OPEN	0	1	9.39.68.147		WAIT
CICACB11	DFH\$WUTC	9097	OPEN	1	10	9.39.68.147		WAIT
CICACB11	TP000002	3092	OPEN	0	1	9.39.68.147		TIMEOUT

Tasks	Region	Trans ID	Run Status	Suspend Time	Suspend Reason	Program	Current Program	Origin User ID	CPU Time	Pr...
CICACB11										
CICACB11										
0012858	CICACB11	CWWU				DFHWBA		CICSUSER		N/A

# Transaction Tracking



**Using the PIN button  
to save searches**

The screenshot shows the IBM CICS Explorer interface. The main window displays a table of transactions for context CNX0211I. The selected transaction is 0000134 (ABRW) in region CICSAOR1, which is suspended. Below this, a sub-window shows tasks associated with the selected transaction, including 0000134, 0000916, 0000127, and 0000610. A yellow callout box with the text 'Using the PIN button to save searches' points to a button in the toolbar of the sub-window.

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB ...
CICSAOR1	0000029	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000048	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	2:29:53	0	0000:00:00.000...
CICSAOR1	0000050	CSKL	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:24	0	0000:00:00.000...
CICSAOR1	0000056	COIO	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000060	COIE	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR1	0000062	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000063	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:54	0	0000:00:00.000...
CICSAOR1	0000134	ABRW	▢ SUSPENDED	DDS0363	0050	1	DFHTCL00	0:00:05	0	0000:00:00.000...
CICSAOR2	0000027	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000...
CICSAOR2	0000044	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	4:56:41	0	0000:00:00.000...
CICSAOR2	0000045	CKTI	▢ SUSPENDED	SYSSTC		1	DFHTCL00	4:56:41	1	0000:00:00.000...

Tasks	Region	Trans ID	Run Status	Suspend Time	Suspend Reason	Program	Current Program	Origin User ID	CPU Time	Pr
0000134	CICSAOR1	ABRW	SUSPENDED	0:02:38	IRLINK	DFH\$ABRW		DDS0363	0000:00:00.000316	0
0000916	CICSAOR6	ABRW	SUSPENDED	0:02:24	IRLINK			DDS0363	0000:00:00.000910	1
0000127	CICSAOR4	ABRW	SUSPENDED	0:02:24	IRLINK	DFH\$ABRW	DFH\$ABRW	DDS0363	0000:00:00.000368	2
0000610	CICSAOR7	CSMI	SUSPENDED	0:02:24	EDF	DFHMIRS	DFHEDFX	DDS0363	0000:00:00.000231	3

# Transaction Tracking



**Multiple Saved or PINned searches**

The screenshot displays the IBM CICS Explorer interface. The main window shows a list of transactions for context CNX0211I. A search bar at the bottom of the main window is active, and a search results window is open below it, showing three results for task 0000027 in region CICSOR3.

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mis.
CICSAOR1	0000029	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000000
CICSAOR1	0000048	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	7:44:42	0	0000:00:00.000000
CICSAOR1	0000050	CSKL	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:12	0	0000:00:00.000000
CICSAOR1	0000056	COIO	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000000
CICSAOR1	0000060	COIE	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:14	0	0000:00:00.000000
CICSAOR1	0000062	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:42	0	0000:00:00.000000
CICSAOR1	0000063	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:42	0	0000:00:00.000000
CICSAOR2	0000027	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000000
CICSAOR2	0000044	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:11:30	0	0000:00:00.000000
CICSAOR2	0000045	CKTI	▢ SUSPENDED	SYSSTC		1	DFHTCL00	0:11:30	1	0000:00:00.000000

Tasks	Transaction ID	Region	Start Time	Run Status	Suspend Time	Suspend Reason
0000027	CONL	CICSAOR3	2011-09-05T15:28:0...	RUNNING	0:00:00	
0000048	COIO	CICSAOR3	2011-09-05T15:28:1...	SUSPENDED	0:00:00	USERWAIT
0000049	COIE	CICSAOR3	2011-09-05T15:28:1...	SUSPENDED	0:00:03	USERWAIT

# Transaction Tracking



**Use Show Previous Searches Button to view History**

The screenshot displays the IBM CICS Explorer interface. The main window shows a list of transactions for context CNX0211I. Below this, a search results window is open, showing tasks associated with task '0000027' in region 'CICSAOR3'. A yellow callout box with the text 'Use Show Previous Searches Button to view History' has an arrow pointing to a button in the search toolbar.

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mis.
CICSAOR1	0000029	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000000
CICSAOR1	0000048	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	7:44:42	0	0000:00:00.000000
CICSAOR1	0000050	CSKL	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:12	0	0000:00:00.000000
CICSAOR1	0000056	COIO	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000000
CICSAOR1	0000060	COIE	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:00:14	0	0000:00:00.000000
CICSAOR1	0000062	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:42	0	0000:00:00.000000
CICSAOR1	0000063	OMEG	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:05:42	0	0000:00:00.000000
CICSAOR2	0000027	CONL	▶ RUNNING	SYSSTC		255	DFHTCL00	0:00:00	0	0000:00:00.000000
CICSAOR2	0000044	CKAM	▢ SUSPENDED	SYSSTC		255	DFHTCL00	0:11:30	0	0000:00:00.000000
CICSAOR2	0000045	CKTI	▢ SUSPENDED	SYSSTC		1	DFHTCL00	0:11:30	1	0000:00:00.000000

Tasks	Transaction ID	Region	Start Time	Run Status	Suspend Time	Suspend Reason
0000027	CONL	CICSAOR3	2011-09-05T15:28:0...	RUNNING	0:00:00	
0000048	COIO	CICSAOR3	2011-09-05T15:28:1...	SUSPENDED	0:00:00	USERWAIT
0000049	COIE	CICSAOR3	2011-09-05T15:28:1...	SUSPENDED	0:00:03	USERWAIT

# Transaction Tracking



**Use Show Previous Searches Button to view History**

The screenshot shows the IBM CICS Explorer interface. A 'Previous Searches' dialog box is open, displaying a list of search results. The dialog has a title bar with a search icon and standard window controls. The main area contains the text 'Select the search to show in the search result view:' followed by three search results, each with a search icon and a 'Remove' button. The results are:

- Tasks associated with task "0000027" in region "CICSAOR3" - 3 results - 10:25:47 PM
- Tasks associated with task "0000029" in region "CICSAOR1" - 3 results - 10:24:55 PM
- Tasks associated with task "0000027" in region "CICSAOR2" - 3 results - 10:21:55 PM

At the bottom of the dialog, there is a note: 'History limited to 10 result sets not shown in views. [Configure...](#)' and three buttons: 'Open', 'Open in New', and 'Cancel'. In the background, the CICS Explorer main window shows a table of tasks with columns for Region, Task ID, and Trans. A toolbar at the bottom of the main window has a search icon highlighted with a green box and an arrow pointing to the dialog.

Region	Task ID	Trans
CICSAOR1	0000029	CONL
CICSAOR1	0000048	CKAM
CICSAOR1	0000050	CSKL
CICSAOR1	0000056	COIO
CICSAOR1	0000060	COIE
CICSAOR1	0000062	OMEG
CICSAOR1	0000063	OMEG
CICSAOR2	0000027	CONL
CICSAOR2	0000044	CKAM
CICSAOR2	0000045	CKTI

Task ID	TCB HWM	Dispatcher TCB Mis.
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000
	0000:00:00.000000	0000:00:00.000000

Task ID	Suspend Reason
0000027	USERWAIT
0000048	USERWAIT
0000049	



# Viewing SIT Parameters



The screenshot shows the IBM CICS Explorer interface. The 'Regions' menu is highlighted with a red circle. A green box contains definitions for SIT parameters. Below the box, a table shows the current values for these parameters. A dropdown menu is open over the table, showing the options: Combined, Console, JCL, SYSIN, and Table.

**Combined:** Combination of the original system initialization table definitions and any applied parameter overrides.

**Console:** Override parameters as specified at startup on the system console.

**JCL:** Override parameters provided through a JCL EXEC statement.

**SYSIN:** Override parameters from the startup job stream defined in the SYSIN data set.

**Table:** The original system initialization table values extracted from the DFHSITxx load module

Property	Value
Autoinstall Console Status	PROGAUTO
Autoinstall Program	DFHZATDX
Autoinstall Program Attempts Count	0
Autoinstall Program Catalog Type	CTLGMODIFY
Autoinstall Program Exit	DFHPGADX
Autoinstall Program Failed Attempts Count	0
Autoinstall Program Rejects Count	0
Autoinstall Program Status	AUTOACTIVE
Autoinstall Request Count	0



# New z/OS Perspective



- The z/OS Perspective contains a set of views to help you manage your system z artifacts:
  - Data Sets
  - Jobs
  - z/OS Unix Files
  - Console
- Renamed in v1.1 from “System z/OS” to “z/OS”



# z/OS Perspective



IBM CICS Explorer

z/OS

Qualifier: DDS0363.\* (119)

- GENERATED.JCL
- GENERATED.JCL.OLD
- GEORGE.BIN
- HFS
- HFS.OLD
- IDECOBOL.XML
- ISPF.ISPPROF
- JOBS.CNTL
  - CSDALLOC
  - DFHCSDUP**
  - LS2WS
  - PRTAUXT
- LOG.MISC
- RECEIVE.INVALID.FILE
- SPFLOG1.LIST

```
//DDS0363C JOB 'DDS0363',MSGLEVEL=(1,1),MSGCLASS=H,
//      REGION=0M,NOTIFY=DDS0363,CLASS=A
//PROCS JCLLIB ORDER=(DDS0363.CICSLAB.JCL)
//*
//CSDUPD01 EXEC PGM=DFHCSDUP,REGION=4M
//STEPLIB DD DISP=SHR,DSN=CICSTS.V4R1.CICS.SDFHLOAD
//DFHCSD DD DISP=SHR,DSN=DDS0363.CICSLAB.NEW.DFHCSD
//FROMCSD DD DISP=SHR,DSN=DDS0363.CICSLAB.DFHCSD
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
LIST ALL
/*
//
COPY GROUP (AEPDEMO ) TO (AEPDEMO ) FROMCSD (FROMCSD)
COPY GROUP (ATOMDEMO) TO (ATOMDEMO) FROMCSD (FROMCSD)
COPY GROUP (ATOMSMPL) TO (ATOMSMPL) FROMCSD (FROMCSD)
COPY GROUP (ATOMWDGT) TO (ATOMWDGT) FROMCSD (FROMCSD)
```

Job Name: DDS0363\* User: \* (15)

- DDS0363Z - JOB09043 [ABEND=222] (DDS0363)
- DDS0363Z - JOB09028 [RC=0001] (DDS0363)
- DDS0363Z - JOB06981 [ABEND=222] (DDS0363)
- DDS0363Z - JOB01700 [ABEND=222] (DDS0363)
- DDS0363X - JOB01640 [RC=0004] (DDS0363)

z/OS

- DSN=[DDS0363.CICSDEMO.XMLTRFM.JCL \(LS2SCJCL\)](#) - saved
- DSN=[DDS0363.CICSDEMO.XMLTRFM.JCL \(LS2SCJCL\)](#) - saved
- DSN=[DDS0363.JOBS.CNTL \(DFHCSDUP\)](#) - saved
- DSN=[DDS0363.JOBS.CNTL \(DFHCSDUP\)](#) - saved

CNX0100I Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 21 Fetching children of ... \* Status:ALL DemoMVS - FTP

# z/OS Perspective – z/OS Data Sets View ...



IBM CICS Explorer

z/OS UNIX Files

Qualifier: DDS0363.\*

- GENERATED.JCL
- GENERATED.JCL.OLD
- GEORGE.BIN
- HFS
- HFS.OLD
- IDECOBOL.XML
- ISPF.ISPPROF
- JOBS.CNTL
  - CSDALLOC
  - DFHCSDUP
  - LS2WS
  - PRTAUXT
- LOG.MISC
- RECEIVE.INVALID.FILE
- SPFLOG1.LIST

Icon	Data set type
[Icon]	Unavailable data sets. The data set might be migrated, not found, the volume might not available, or you might not be authorized to the data set.
[Icon]	Partitioned data set (PDS)
[Icon]	Partitioned data set member
[Icon]	Sequential data set
[Icon]	VSAM data set

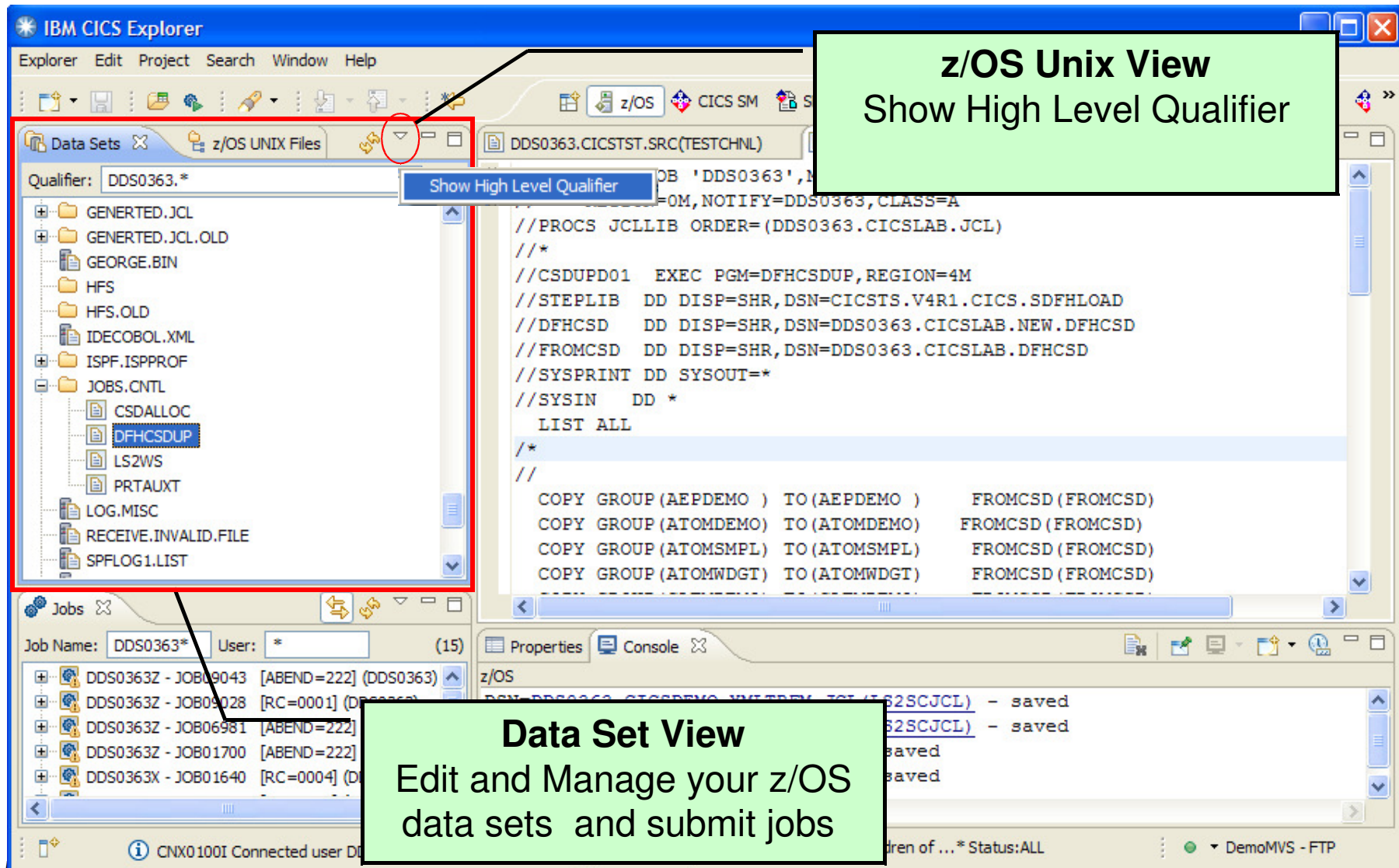
```
/*  
//  
COPY GROUP (AEPDEMO ) TO (AEPDEMO ) FROMCSD (FROMCSD)  
COPY GROUP (ATOMDEMO) TO (ATOMDEMO) FROMCSD (FROMCSD)  
COPY GROUP (ATOMSMPL) TO (ATOMSMPL) FROMCSD (FROMCSD)  
COPY GROUP (ATOMWDGT) TO (ATOMWDGT) FROMCSD (FROMCSD)
```

Job Name: DDS0363\* User: \* (15)

- DDS0363Z - JOB09043 [ABEND=222] (DDS0363)
- DDS0363Z - JOB09028 [RC=0001] (DDS0363)
- DDS0363Z - JOB06981 [ABEND=222]
- DDS0363Z - JOB01700 [ABEND=222]
- DDS0363X - JOB01640 [RC=0004] (DDS0363)

**Data Set View**  
Edit and Manage your z/OS data sets and submit jobs

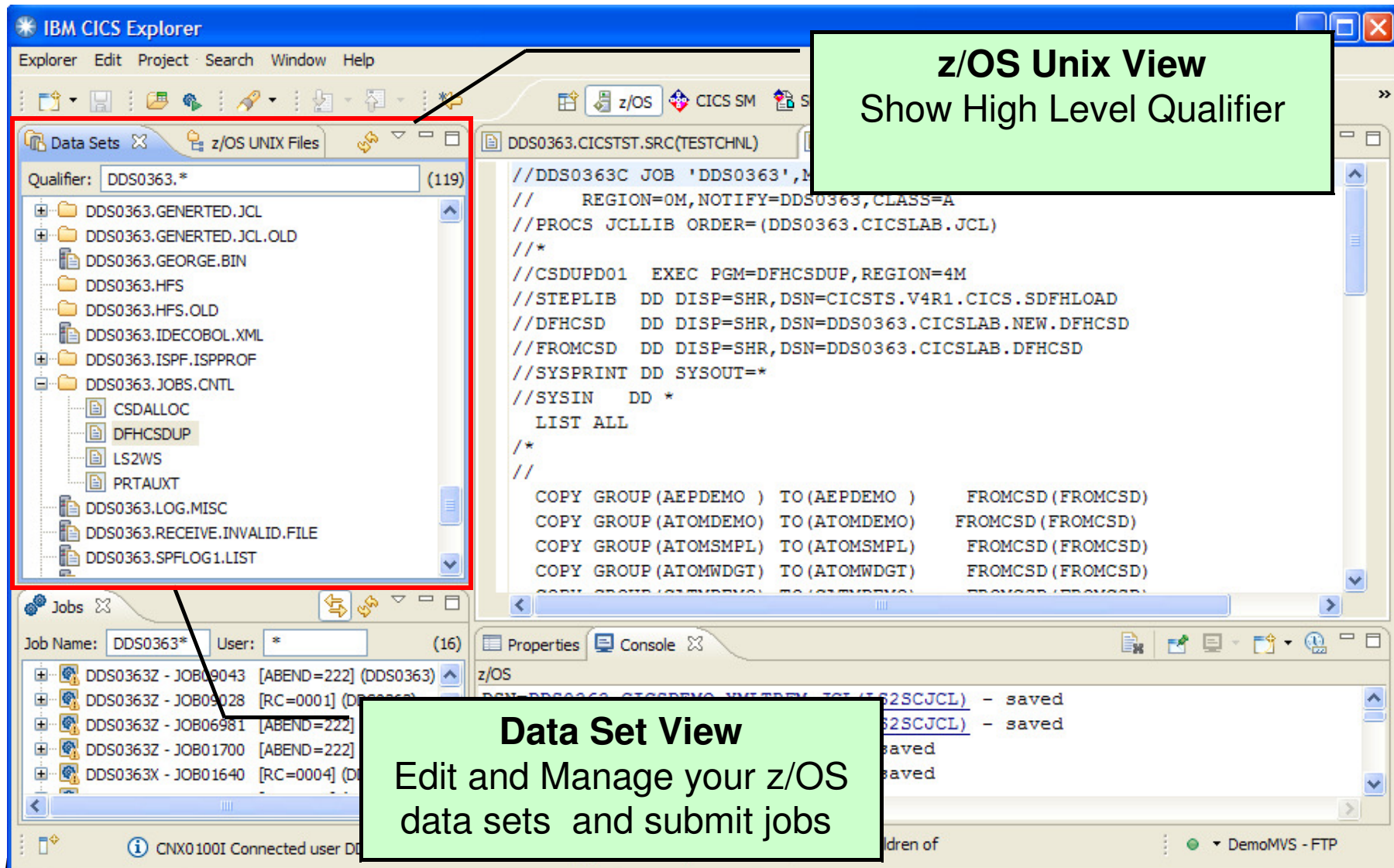
# z/OS Perspective – z/OS Data Sets View ...



The screenshot displays the IBM CICS Explorer interface. The top window, titled "z/OS UNIX Files", shows a file tree on the left and a code editor on the right. The file tree is filtered by the qualifier "DDS0363.\*" and includes files like "GENERATED.JCL", "GEORGE.BIN", "HFS", "IDECOBOL.XML", "ISPF.ISPPROF", "JOBS.CNTL", "CSDALLOC", "DFHCSDUP", "LS2WS", "PRTAUXT", "LOG.MISC", "RECEIVE.INVALID.FILE", and "SPFLOG1.LIST". The code editor shows JCL code for a job named "DDS0363". A green callout box points to the "Show High Level Qualifier" button in the toolbar, with the text "z/OS Unix View Show High Level Qualifier".

The bottom window, titled "Jobs", shows a list of jobs for the user "DDS0363\*". The jobs list includes entries like "DDS0363Z - JOB09043 [ABEND=222] (DDS0363)", "DDS0363Z - JOB09028 [RC=0001] (DDS0363)", "DDS0363Z - JOB06981 [ABEND=222]", "DDS0363Z - JOB01700 [ABEND=222]", and "DDS0363X - JOB01640 [RC=0004] (DDS0363)". A green callout box points to the "Data Set View" button in the toolbar, with the text "Data Set View Edit and Manage your z/OS data sets and submit jobs".

# z/OS Perspective – z/OS Data Sets View ...

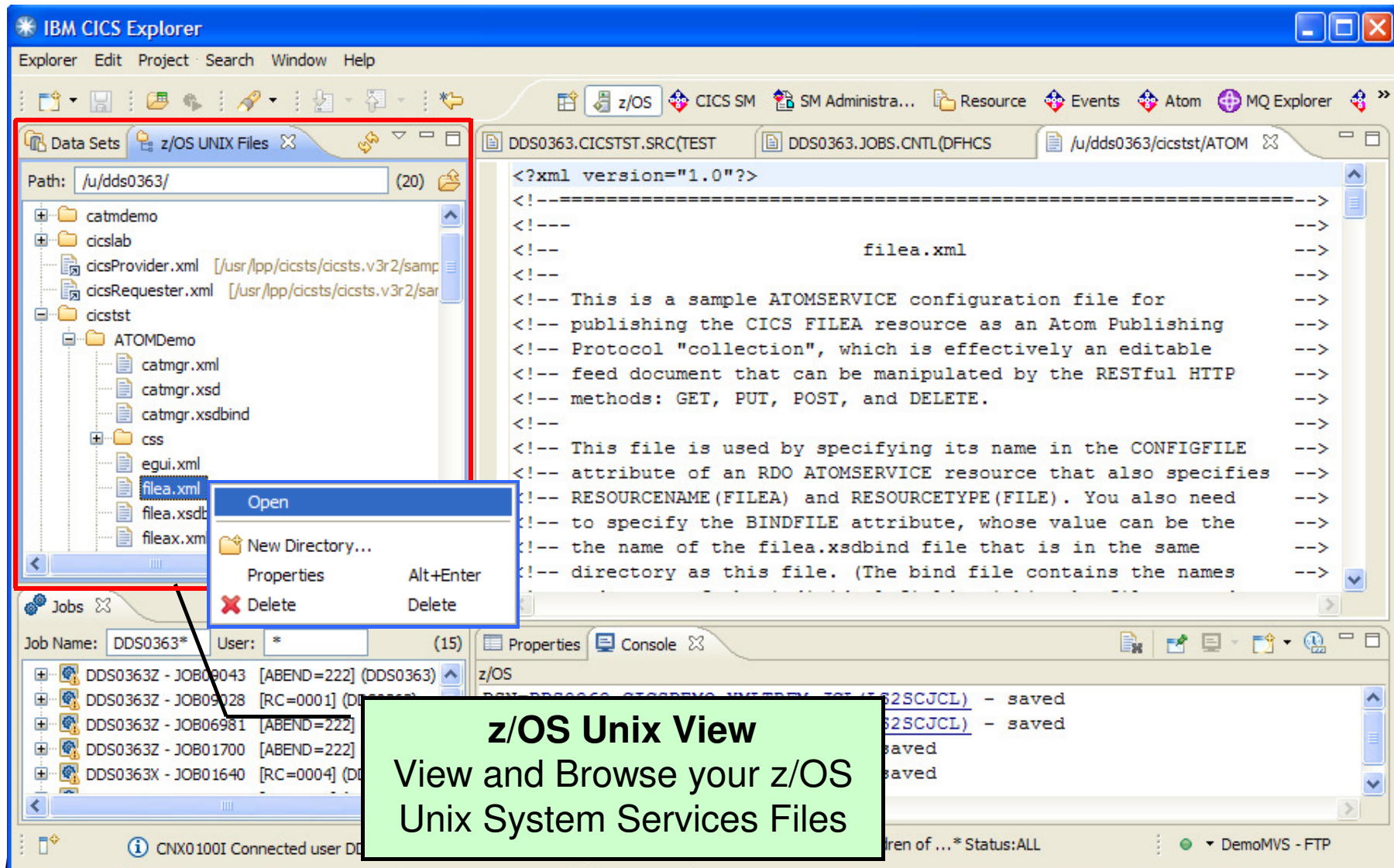


The screenshot displays the IBM CICS Explorer interface. The top window, titled 'z/OS UNIX Files', shows a tree view of data sets under the qualifier 'DDS0363.\*'. A red box highlights this tree view. The main window displays the source code for 'DDS0363.CICSTST.SRC(TESTCHNL)'. A green callout box points to the top of this window with the text 'z/OS Unix View Show High Level Qualifier'. The bottom window, titled 'Jobs', shows a list of jobs for 'DDS0363\*'. A green callout box points to this window with the text 'Data Set View Edit and Manage your z/OS data sets and submit jobs'. The status bar at the bottom indicates 'CNX0100I Connected user D...' and 'DemoMVS - FTP'.

**z/OS Unix View**  
Show High Level Qualifier

**Data Set View**  
Edit and Manage your z/OS data sets and submit jobs

# z/OS Perspective – z/OS Unix Files View



**z/OS Unix View**  
View and Browse your z/OS Unix System Services Files

```
<?xml version="1.0"?>
<!--
----->
<!--
filea.xml
-->
-->
<!-- This is a sample ATOMSERVICE configuration file for
-->
<!-- publishing the CICS FILEA resource as an Atom Publishing
-->
<!-- Protocol "collection", which is effectively an editable
-->
<!-- feed document that can be manipulated by the RESTful HTTP
-->
<!-- methods: GET, PUT, POST, and DELETE.
-->
<!--
-->
<!-- This file is used by specifying its name in the CONFIGFILE
-->
<!-- attribute of an RDO ATOMSERVICE resource that also specifies
-->
<!-- RESOURCENAME(FILEA) and RESOURCETYPE(FILE). You also need
-->
<!-- to specify the BINDFILE attribute, whose value can be the
-->
<!-- the name of the filea.xsdbind file that is in the same
-->
<!-- directory as this file. (The bind file contains the names
```

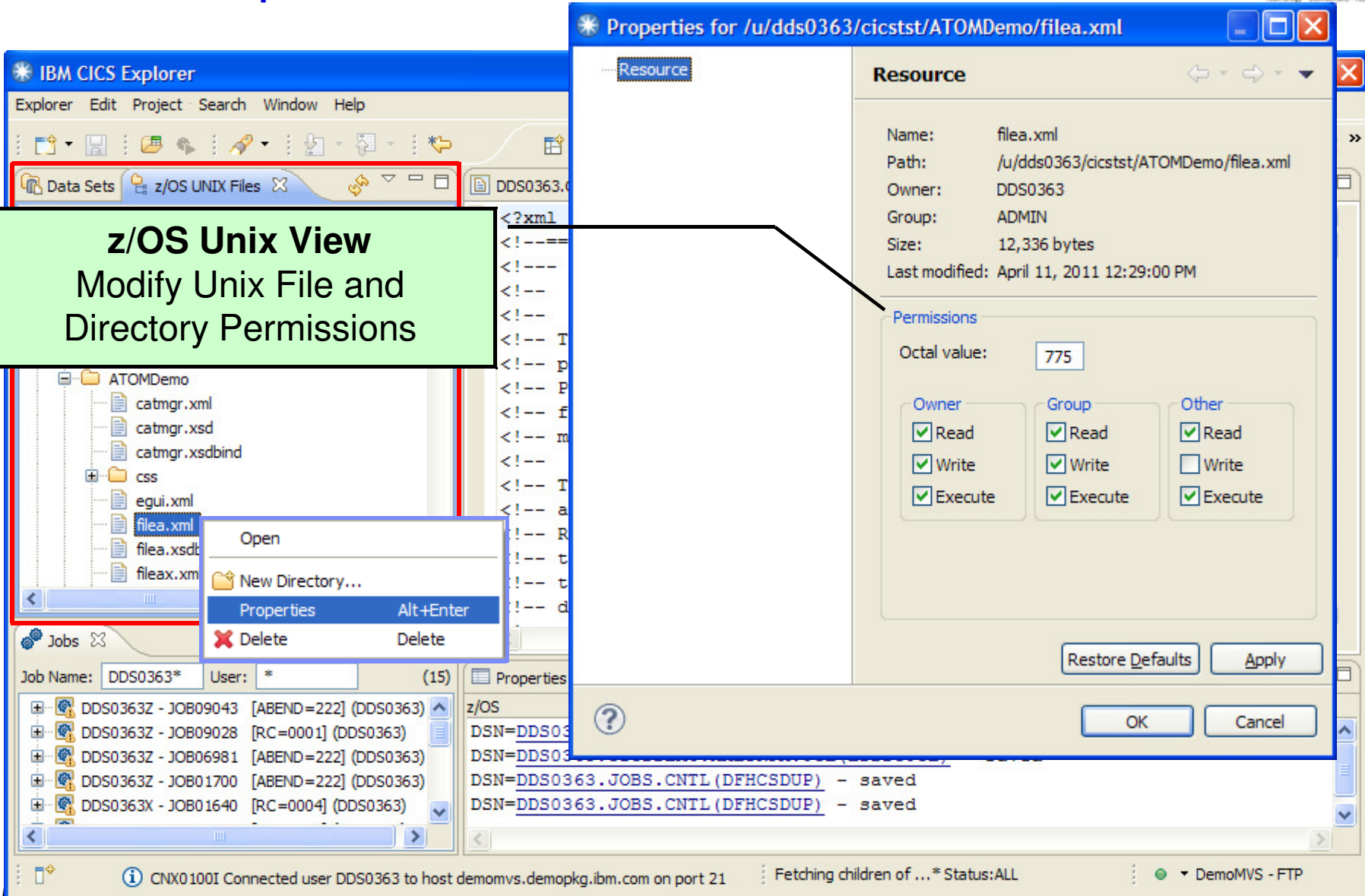
Job Name: DDS0363\* User: \* (15)

Job Name	Job ID	Status	Job Class
DDS0363Z	JOB09043	[ABEND=222]	(DDS0363)
DDS0363Z	JOB09028	[RC=0001]	(D
DDS0363Z	JOB06981	[ABEND=222]	
DDS0363Z	JOB01700	[ABEND=222]	
DDS0363X	JOB01640	[RC=0004]	(D



# z/OS Perspective – z/OS Unix Files View

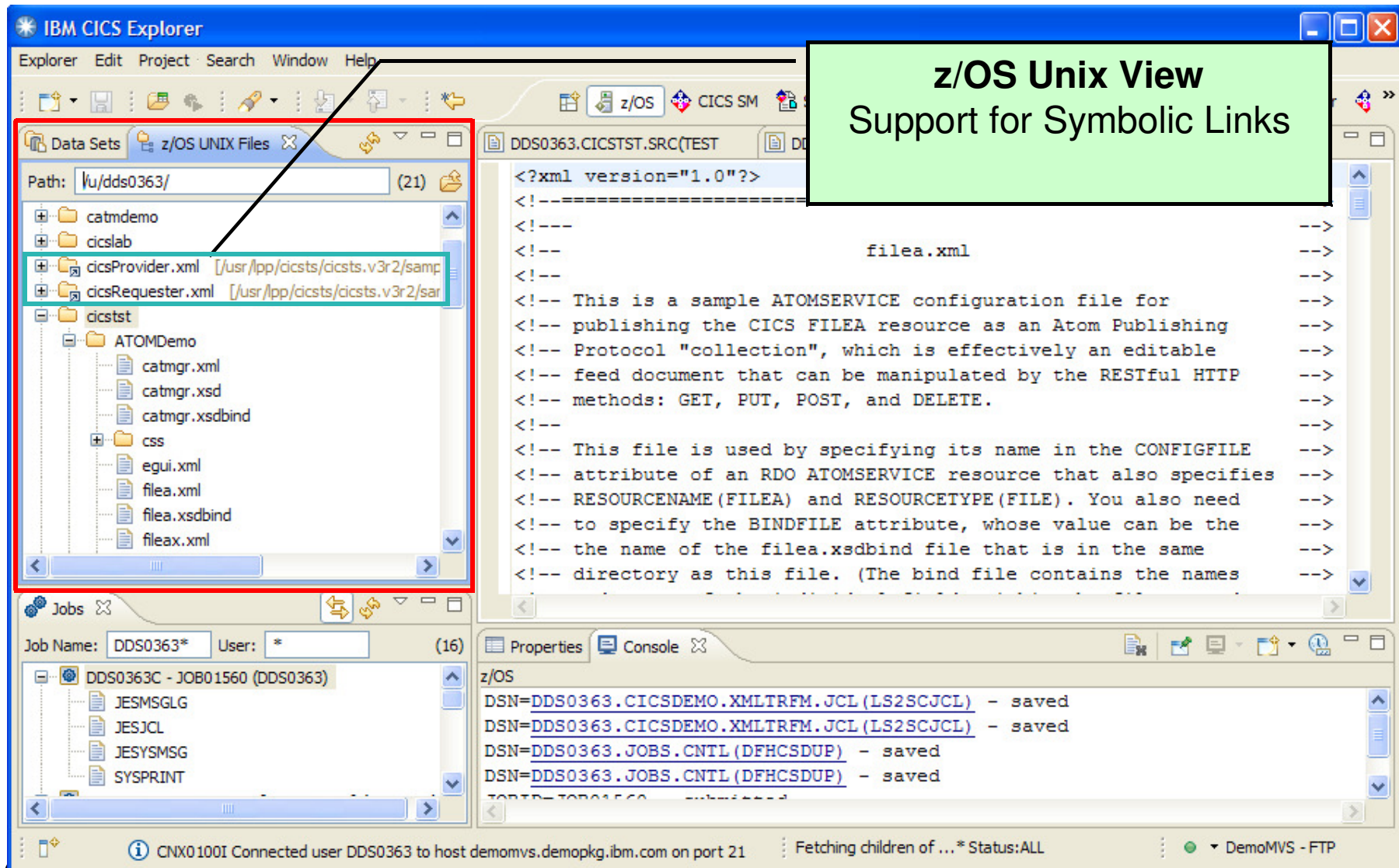
**z/OS Unix View**  
Modify Unix File and  
Directory Permissions



The screenshot displays the IBM CICS Explorer interface. The top toolbar includes 'Data Sets' and 'z/OS UNIX Files'. The main window shows a file tree for 'ATOMDemo' with files like 'catmgr.xml', 'filea.xml', and 'fileax.xml'. A context menu is open over 'filea.xml', with 'Properties' selected. A 'Properties for /u/dds0363/cicstst/ATOMDemo/filea.xml' dialog is open, showing file details and permissions. The permissions section shows an octal value of 775 and checkboxes for Read, Write, and Execute for Owner, Group, and Other.

Category	Read	Write	Execute
Owner	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

# z/OS Perspective – z/OS Unix Files View



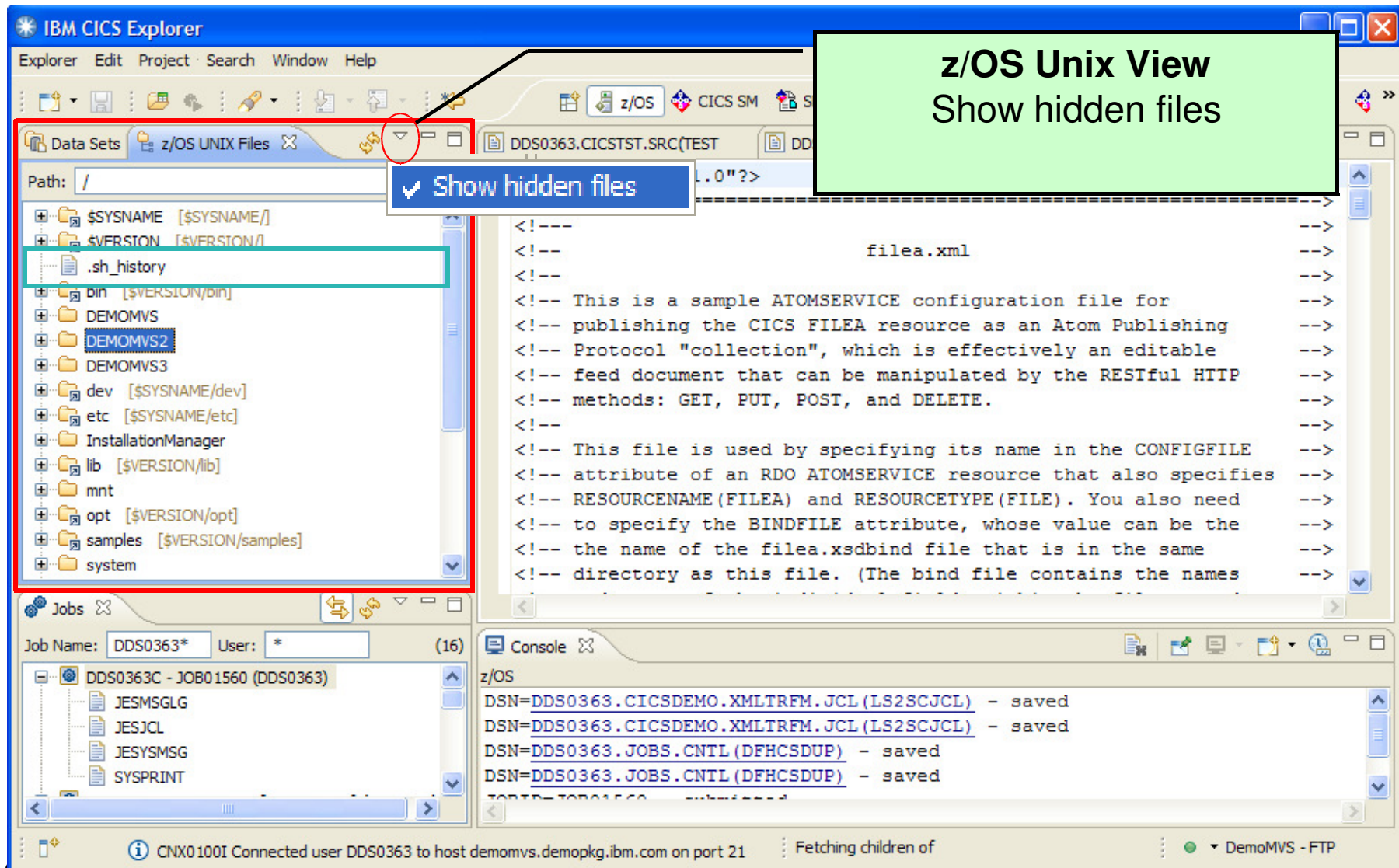
**z/OS Unix View  
Support for Symbolic Links**

The screenshot displays the IBM CICS Explorer interface. The 'Data Sets' pane on the left shows a tree view of the file system under the path `/u/dds0363/`. The 'z/OS UNIX Files' tab is active, showing a list of files and directories. The 'Jobs' pane at the bottom left shows the job `DDS0363C - JOB01560 (DDS0363)`. The main editor pane displays the content of the `filea.xml` file, which is an ATOMSERVICE configuration file. The console pane at the bottom right shows the output of the job, including several saved files.

```
<?xml version="1.0"?>
<!--
-----
filea.xml
-----
This is a sample ATOMSERVICE configuration file for
publishing the CICS FILEA resource as an Atom Publishing
Protocol "collection", which is effectively an editable
feed document that can be manipulated by the RESTful HTTP
methods: GET, PUT, POST, and DELETE.
-----
This file is used by specifying its name in the CONFIGFILE
attribute of an RDO ATOMSERVICE resource that also specifies
RESOURCENAME(FILEA) and RESOURCETYPE(FILE). You also need
to specify the BINDFILE attribute, whose value can be the
name of the filea.xsdbind file that is in the same
directory as this file. (The bind file contains the names
```

z/OS  
DSN=DDS0363.CICSDEMO.XMLTRFM.JCL(LS2SCJCL) - saved  
DSN=DDS0363.CICSDEMO.XMLTRFM.JCL(LS2SCJCL) - saved  
DSN=DDS0363.JOBS.CNTL(DFHCS DUP) - saved  
DSN=DDS0363.JOBS.CNTL(DFHCS DUP) - saved

# z/OS Perspective – z/OS Unix Files View



The screenshot displays the IBM CICS Explorer interface. The top toolbar includes 'Data Sets' and 'z/OS UNIX Files'. A red box highlights the 'z/OS UNIX Files' tab, and a blue callout box points to the 'Show hidden files' checkbox, which is checked. A green box contains the text 'z/OS Unix View Show hidden files'. The file tree on the left shows a directory structure with files like '.sh\_history' and 'DEMOMVS2' highlighted. The main editor shows the content of 'filea.xml', which is an ATOMSERVICE configuration file. The bottom console window shows job execution logs for 'z/OS' with several jobs marked as 'saved'.

IBM CICS Explorer

Explorer Edit Project Search Window Help

Data Sets z/OS UNIX Files

Path: /

✓ Show hidden files

z/OS Unix View Show hidden files

```
<!--
-->
<!--          filea.xml
-->
<!--
-->
<!-- This is a sample ATOMSERVICE configuration file for
-->
<!-- publishing the CICS FILEA resource as an Atom Publishing
-->
<!-- Protocol "collection", which is effectively an editable
-->
<!-- feed document that can be manipulated by the RESTful HTTP
-->
<!-- methods: GET, PUT, POST, and DELETE.
-->
<!--
-->
<!-- This file is used by specifying its name in the CONFIGFILE
-->
<!-- attribute of an RDO ATOMSERVICE resource that also specifies
-->
<!-- RESOURCENAME(FILEA) and RESOURCETYPE(FILE). You also need
-->
<!-- to specify the BINDFILE attribute, whose value can be the
-->
<!-- the name of the filea.xsdbind file that is in the same
-->
<!-- directory as this file. (The bind file contains the names
-->
```

Jobs

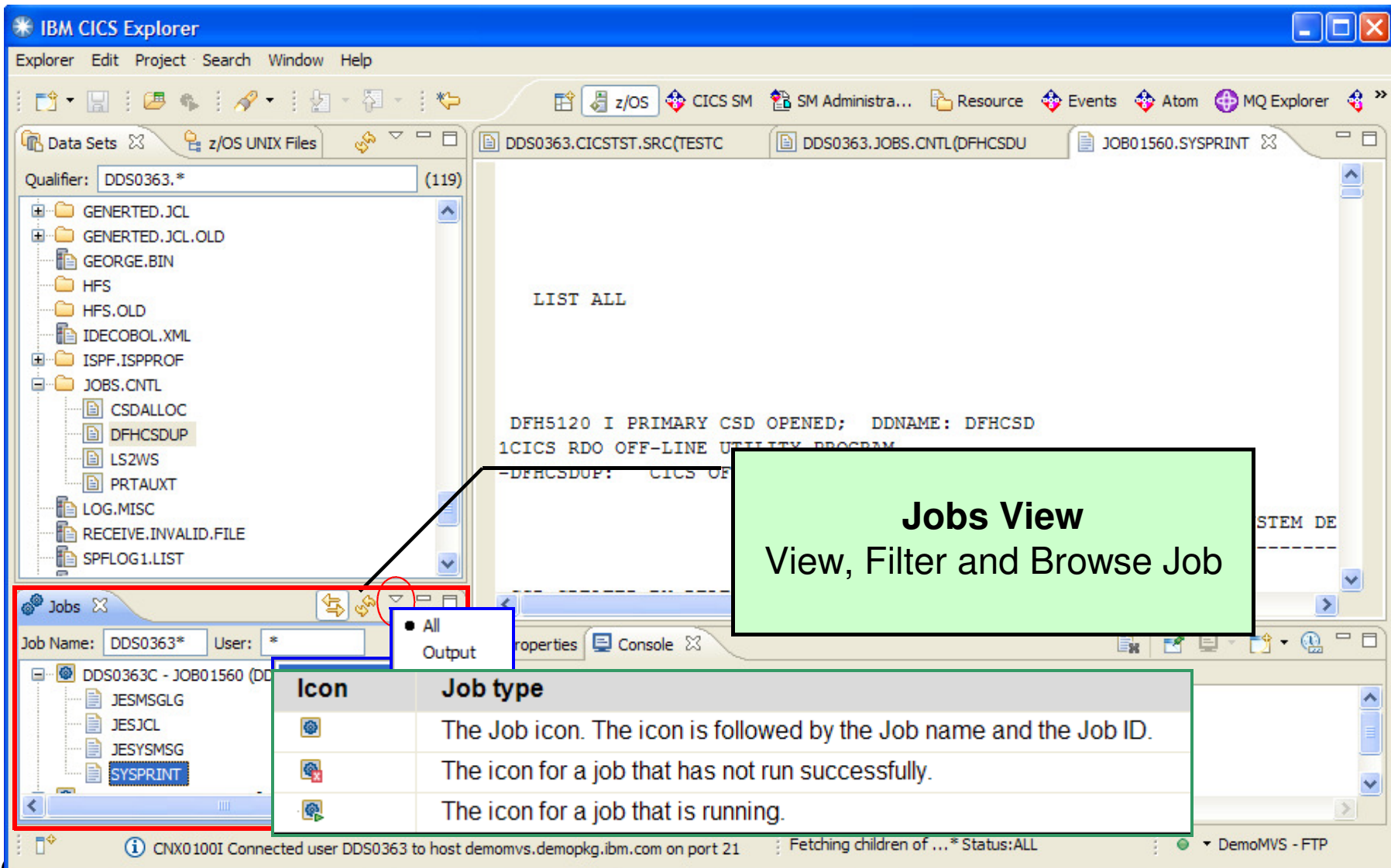
Job Name: DDS0363\* User: \* (16)

z/OS




DSN=DDS0363.CICSDEMO.XMLTRFM.JCL(LS2SCJCL) - saved  
DSN=DDS0363.CICSDEMO.XMLTRFM.JCL(LS2SCJCL) - saved  
DSN=DDS0363.JOBS.CNTL(DFHCS DUP) - saved  
DSN=DDS0363.JOBS.CNTL(DFHCS DUP) - saved

CNX01001 Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 21 Fetching children of DemoMVS - FTP

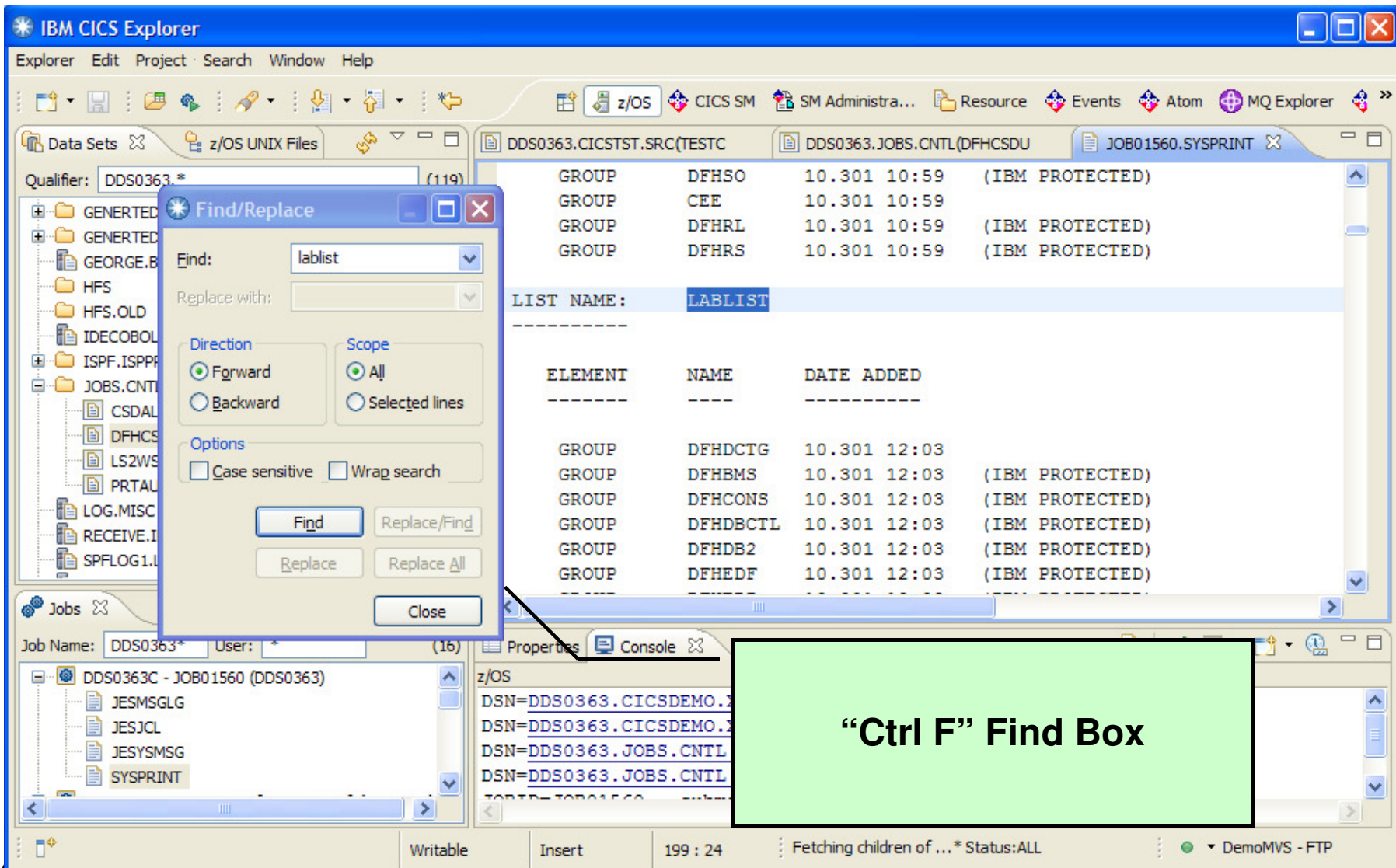
# z/OS Perspective – Jobs View



**Jobs View**  
View, Filter and Browse Job

Icon	Job type
	The Job icon. The icon is followed by the Job name and the Job ID.
	The icon for a job that has not run successfully.
	The icon for a job that is running.

# z/OS Perspective – Jobs View

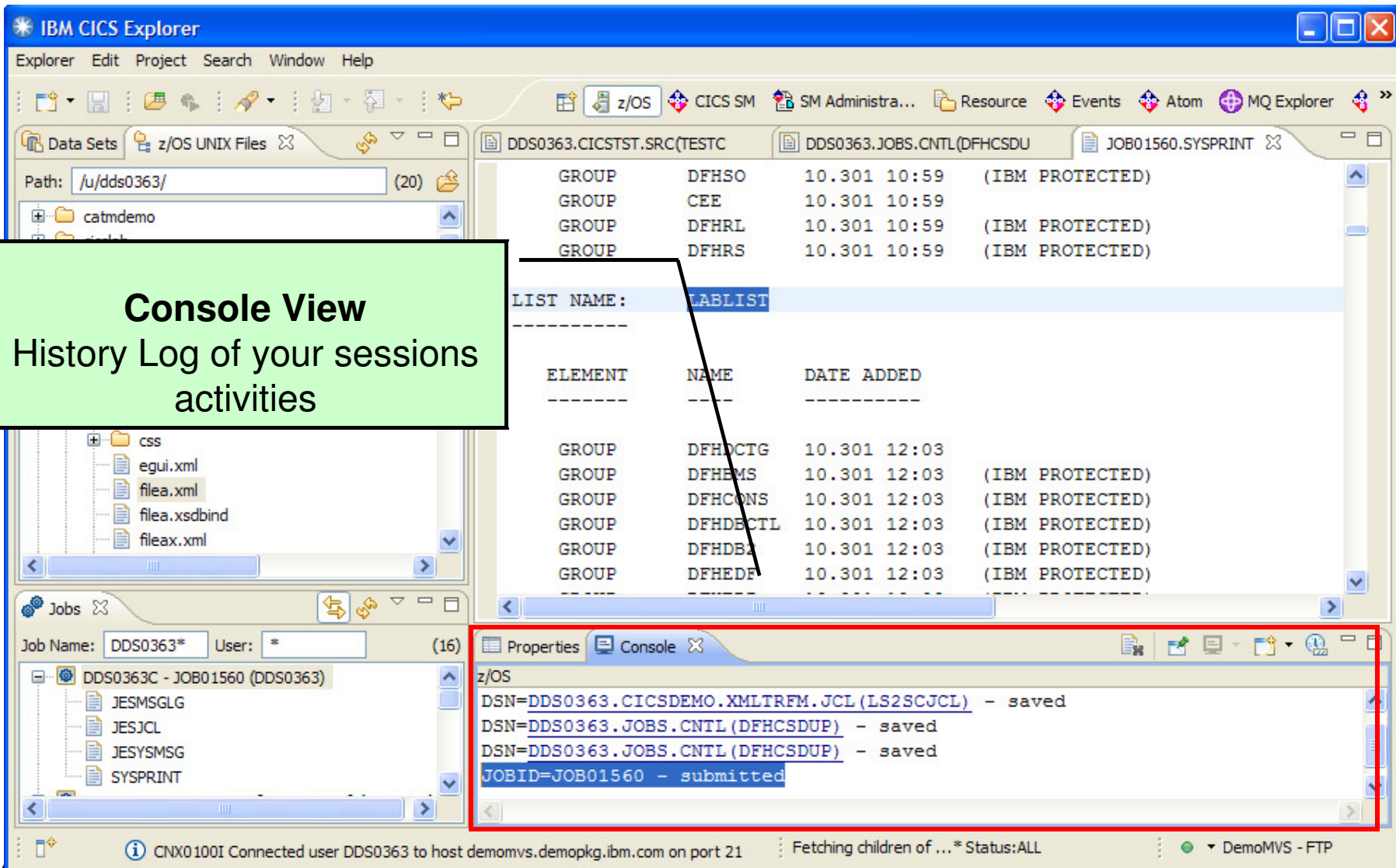


The screenshot displays the IBM CICS Explorer interface. The main window shows the 'Jobs' view for a specific job (DDS0363C - JOB01560). A 'Find/Replace' dialog box is open, allowing the user to search for 'lablist' within the job's output. The dialog box includes options for search direction (Forward/Backward) and scope (All/Selected lines). The job's output is visible in the background, showing a list of jobs with columns for ELEMENT, NAME, and DATE ADDED.

ELEMENT	NAME	DATE ADDED
GROUP	DFHSDU	10.301 10:59 (IBM PROTECTED)
GROUP	CEE	10.301 10:59
GROUP	DFHRL	10.301 10:59 (IBM PROTECTED)
GROUP	DFHRS	10.301 10:59 (IBM PROTECTED)
LIST NAME: LABLIST		
GROUP	DFHDCTG	10.301 12:03
GROUP	DFHBMS	10.301 12:03 (IBM PROTECTED)
GROUP	DFHCONS	10.301 12:03 (IBM PROTECTED)
GROUP	DFHDBCTL	10.301 12:03 (IBM PROTECTED)
GROUP	DFHDB2	10.301 12:03 (IBM PROTECTED)
GROUP	DFHEDF	10.301 12:03 (IBM PROTECTED)

**“Ctrl F” Find Box**

# z/OS Perspective – Console View



**Console View**  
History Log of your sessions activities

GROUP	DFH	10.301	10:59	(IBM PROTECTED)
GROUP	CEE	10.301	10:59	
GROUP	DFHRL	10.301	10:59	(IBM PROTECTED)
GROUP	DFHRS	10.301	10:59	(IBM PROTECTED)

LIST NAME: LABLIST

ELEMENT	NAME	DATE ADDED
GROUP	DFHDCGTG	10.301 12:03
GROUP	DFHEMS	10.301 12:03 (IBM PROTECTED)
GROUP	DFHCNS	10.301 12:03 (IBM PROTECTED)
GROUP	DFHDECTL	10.301 12:03 (IBM PROTECTED)
GROUP	DFHDBA	10.301 12:03 (IBM PROTECTED)
GROUP	DFHEDF	10.301 12:03 (IBM PROTECTED)

z/OS  
DSN=DDS0363.CICSDEMO.XMLTRFM.JCL(LS2SCJCL) - saved  
DSN=DDS0363.JOBS.CNTL(DFHCSDUP) - saved  
DSN=DDS0363.JOBS.CNTL(DFHCSDUP) - saved  
JOBID=JOB01560 - submitted

# Events

- Support for system events in the CICS event binding editor
- Ability to choose an EPADAPTER configuration
- Addition of an online and offline EP search function
- New edit functions added to the event binding editor
- Changes to the CICS Event binding editor
  - Choose an emission mode, Async or Sync

# System Events

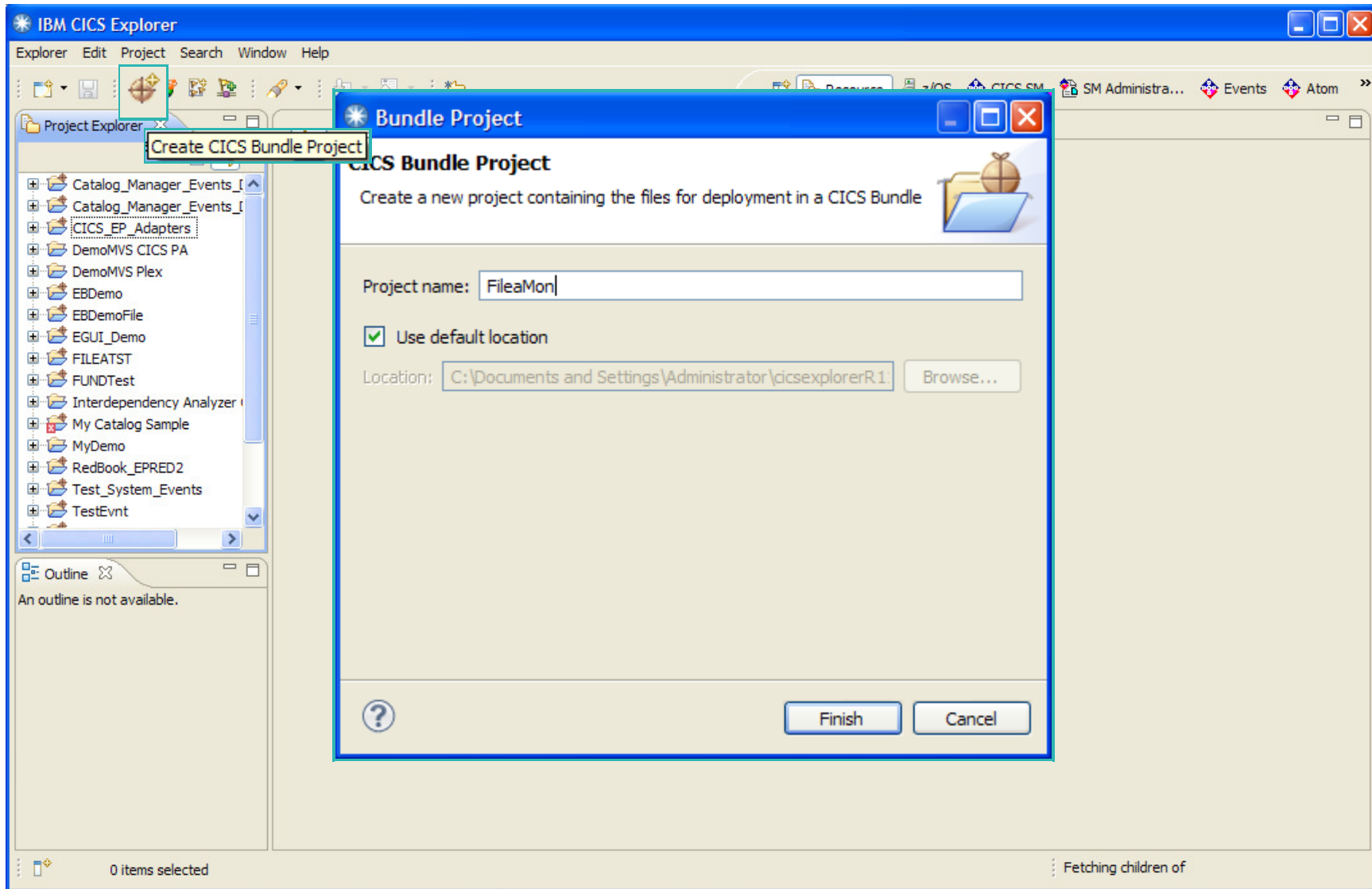
- **An emitted Business event that is related to the CICS system Health**
  - Resource health events
    - The status of a DB2 connection changes
    - The status of a file changes
    - The status of a TRANCLASS
      - How close is the current value to the maximum
        - > Possible threshold values are 50%, 60%, 70%, 80%, 90%, & 100%
    - The MXT status
      - How close is the current value to the maximum
        - > Possible threshold values are 50%, 60%, 70%, 80%, 90%, & 100%
  - Transaction abend events
    - An application transaction abends



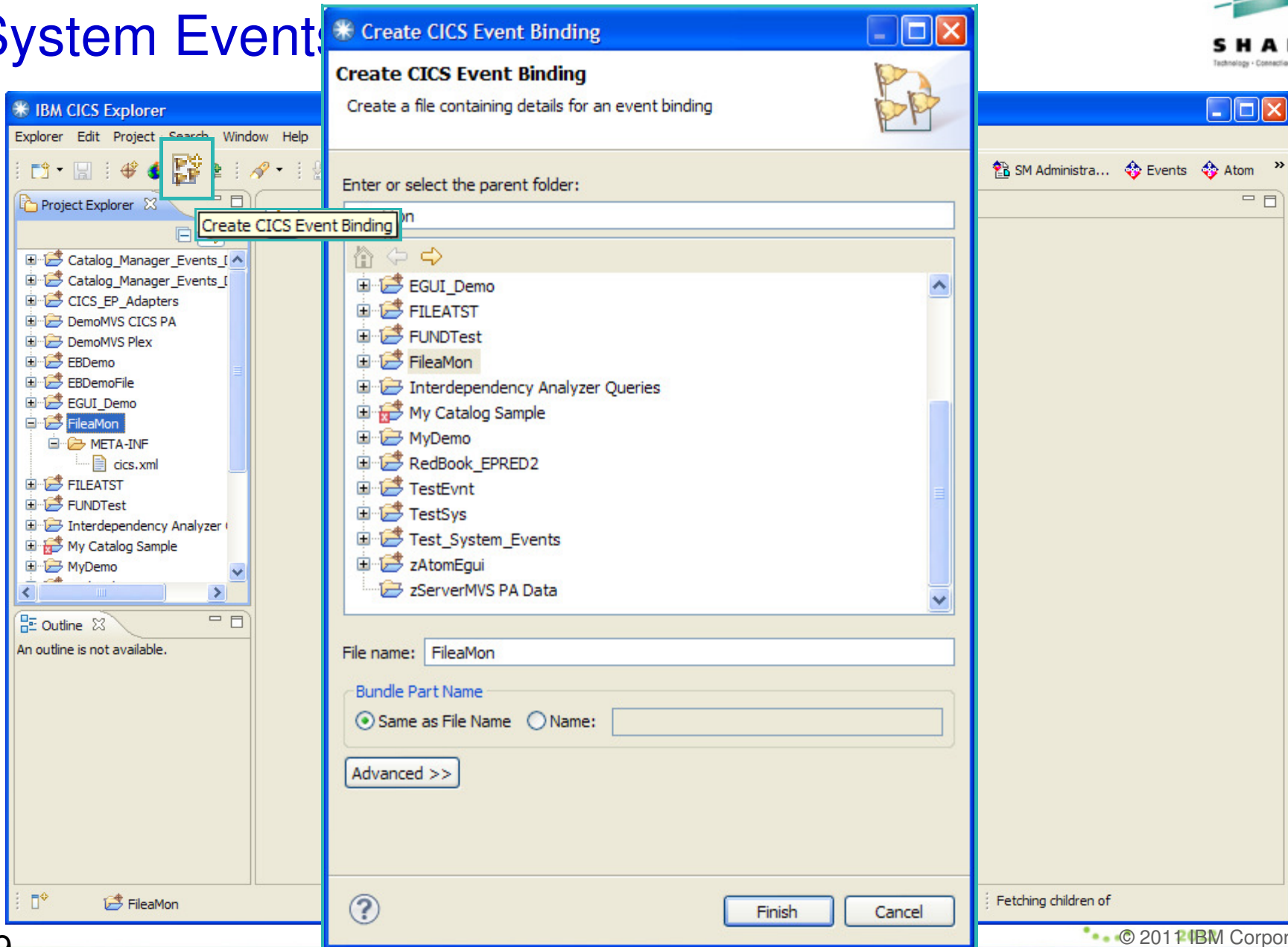
# System Events & EP Adapter Example

- ☀ **Build a System Event to monitor the status of VSAM File FILEA**
  - Use a predefined adapter called FileaMonAlerts
- **Build an External EP Adapter that can be used by other Events**
  - Include it in with our System Event we just built - FileaMon

# System Events



# System Events



**Create CICS Event Binding**

Create a file containing details for an event binding

Enter or select the parent folder:

- EGUI\_Demo
- FILEATST
- FUNDTTest
- FileaMon**
- Interdependency Analyzer Queries
- My Catalog Sample
- MyDemo
- RedBook\_EPRED2
- TestEvtt
- TestSys
- Test\_System\_Events
- zAtomEgui
- zServerMVS PA Data

File name: FileaMon

Bundle Part Name

Same as File Name  Name:

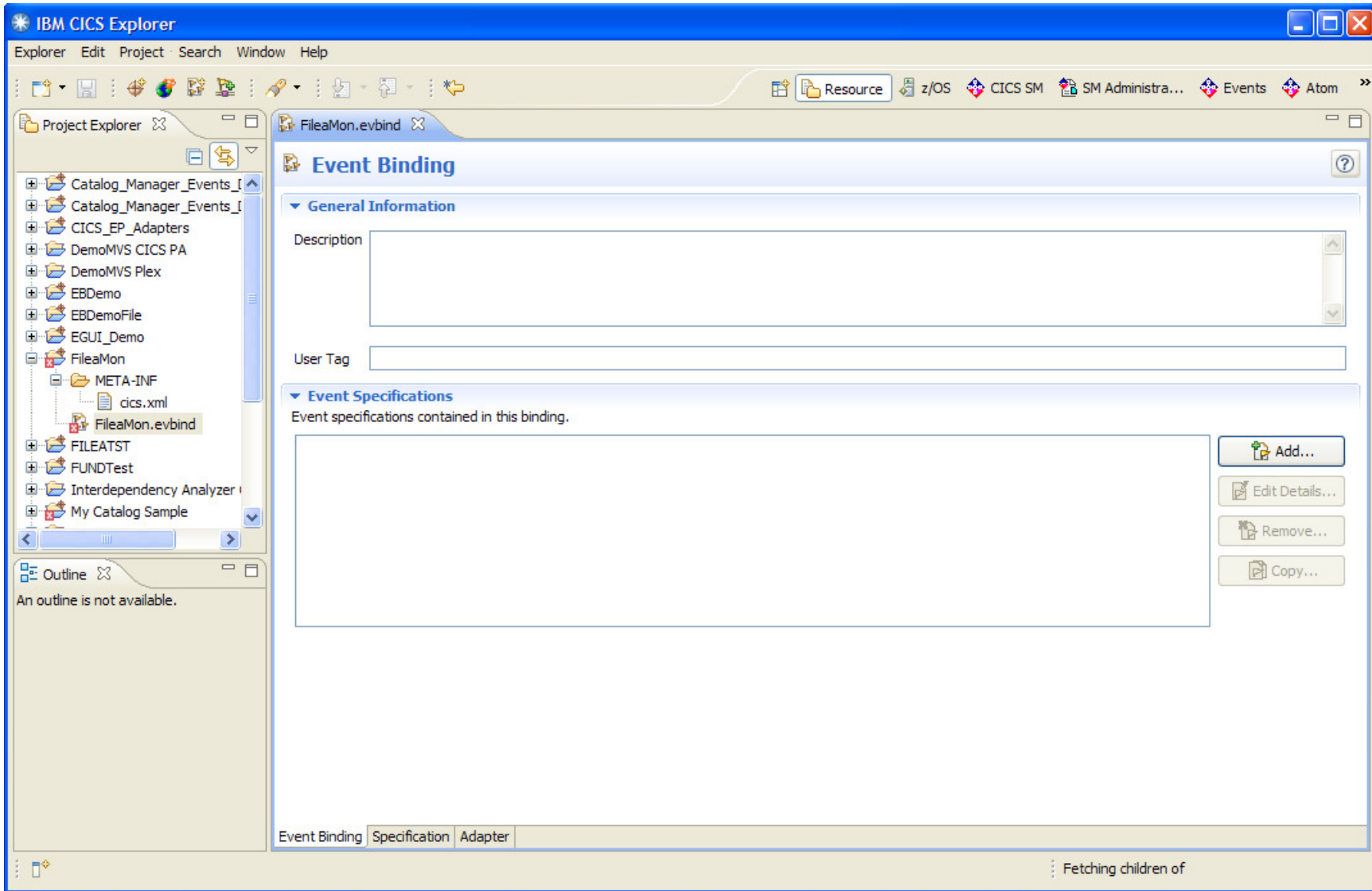
Advanced >>

Finish Cancel

SM Administration... Events Atom

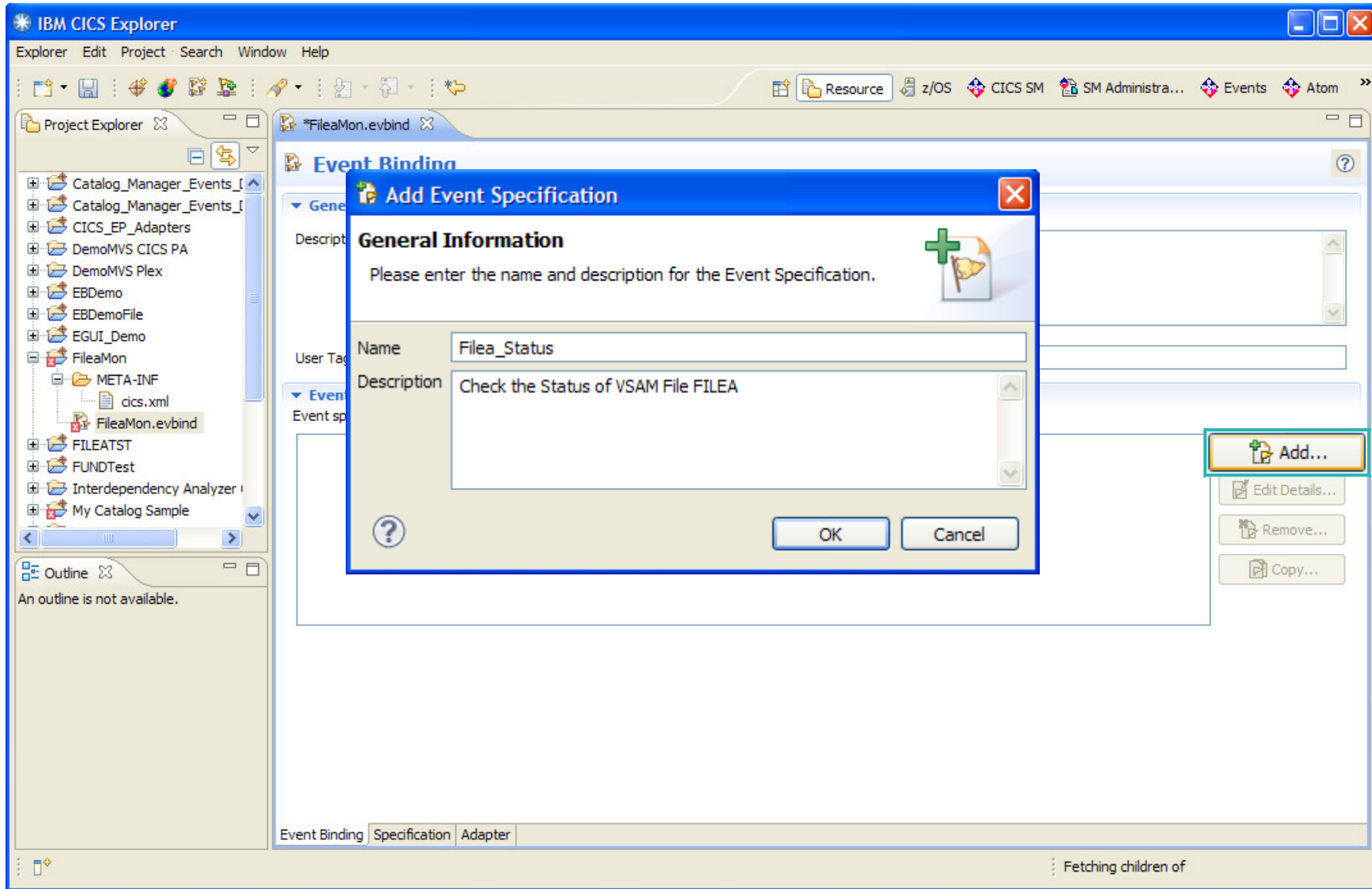
Fetching children of

# System Events



The screenshot displays the IBM CICS Explorer application window. The title bar reads "IBM CICS Explorer". The menu bar includes "Explorer", "Edit", "Project", "Search", "Window", and "Help". The toolbar contains various icons for file operations and navigation. The Project Explorer on the left shows a tree view of project components, with "FileaMon.evbind" selected under the "FileaMon" folder. The main workspace is titled "Event Binding" and contains two sections: "General Information" with a "Description" text area and a "User Tag" input field, and "Event Specifications" with a large empty text area and four buttons: "Add...", "Edit Details...", "Remove...", and "Copy...". The status bar at the bottom indicates "Event Binding Specification Adapter" and "Fetching children of".

# System Events



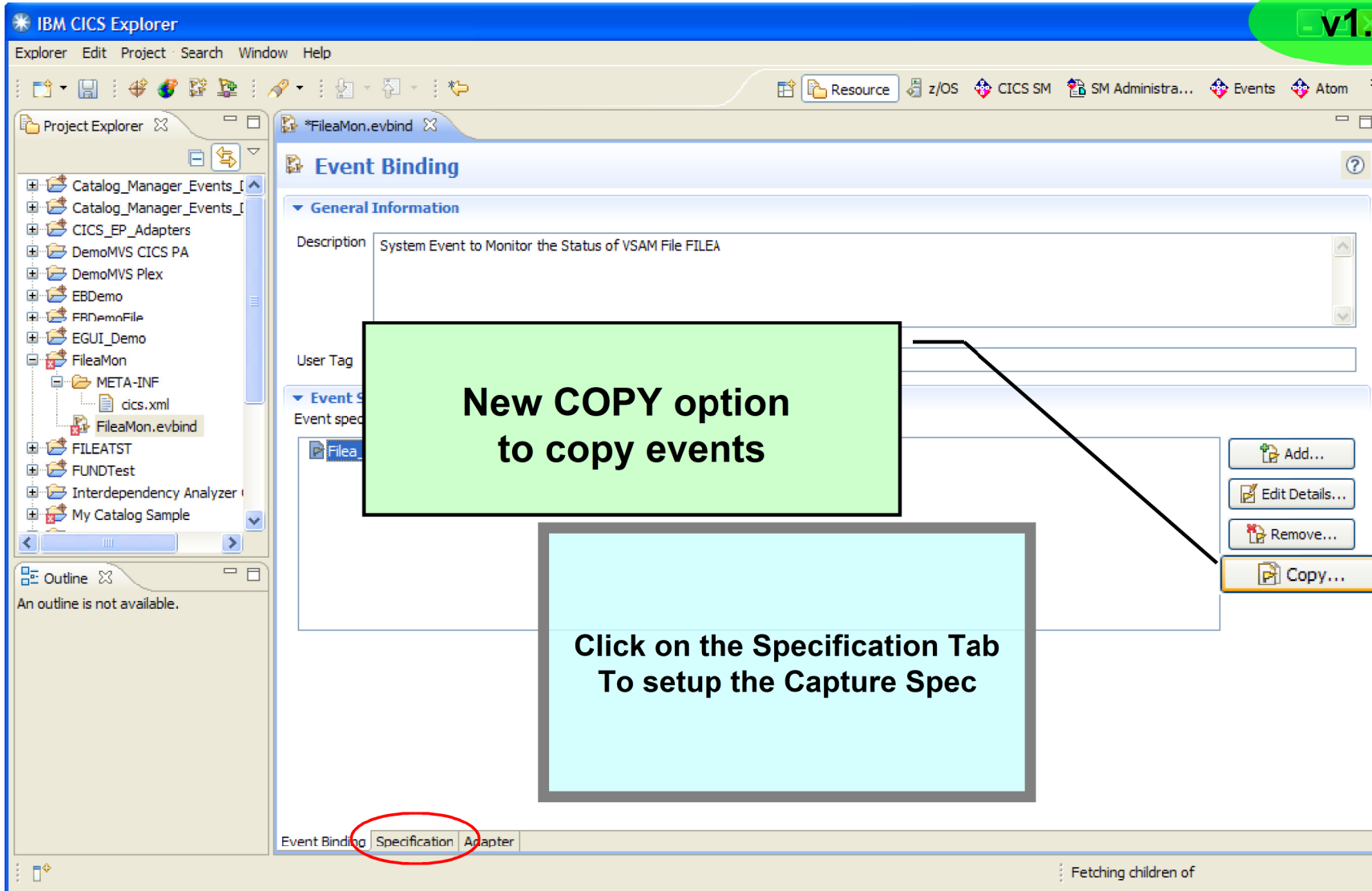
The screenshot displays the IBM CICS Explorer interface. On the left, the Project Explorer shows a tree view of project components, including 'FileaMon.evbind'. The main workspace shows the 'Event Binding' configuration for 'FileaMon.evbind'. A modal dialog titled 'Add Event Specification' is open, featuring a 'General Information' section with the following fields:

- Name:** Filea\_Status
- Description:** Check the Status of VSAM File FILEA

The 'Add...' button in the bottom right corner of the dialog is highlighted with a red rectangular box. Other buttons visible in the dialog include 'OK', 'Cancel', 'Edit Details...', 'Remove...', and 'Copy...'. The background interface shows the 'Event Binding' configuration area with tabs for 'Event Binding', 'Specification', and 'Adapter'. The status bar at the bottom indicates 'Fetching children of'.

# System Events

v1.1

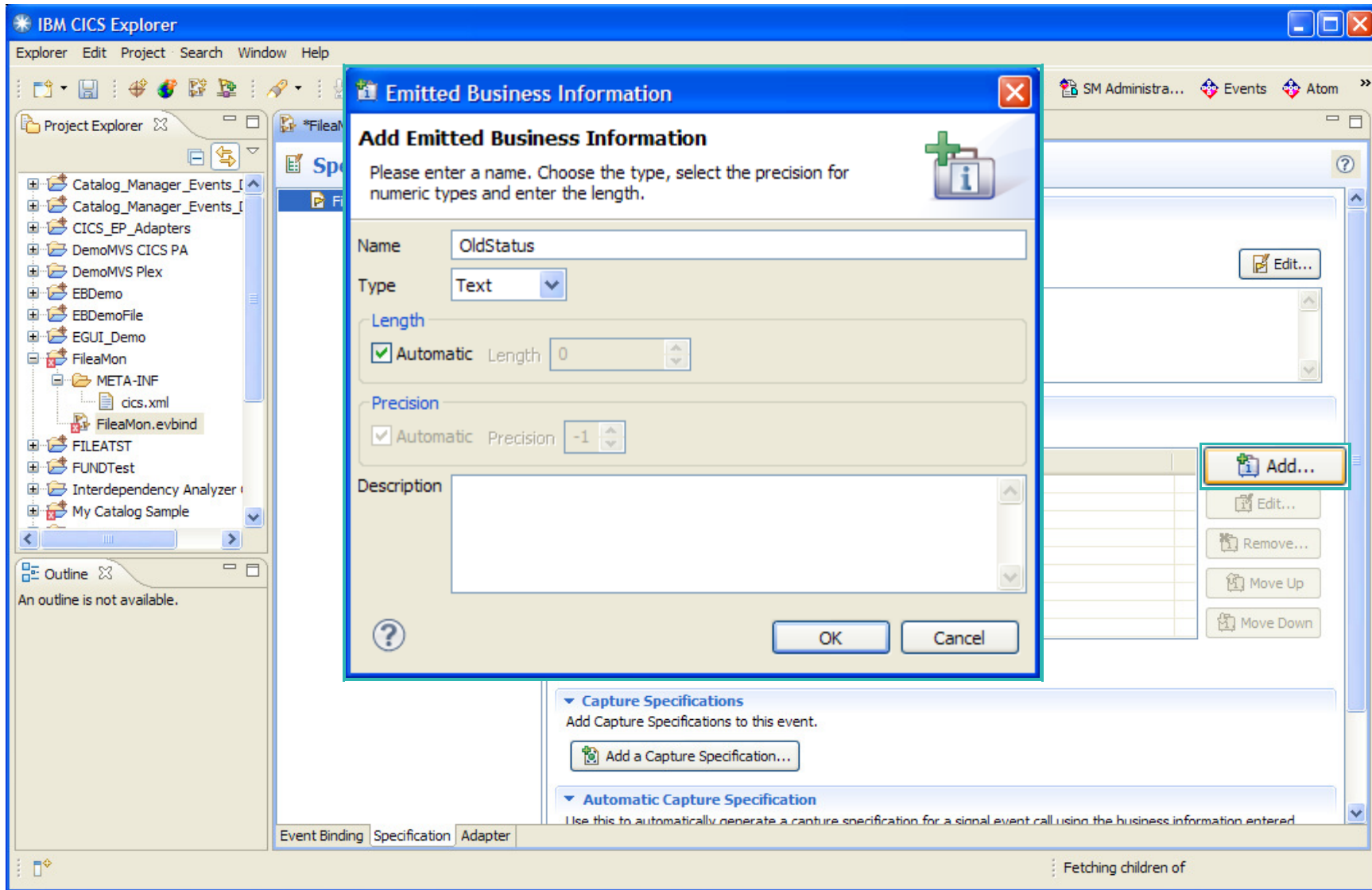


**New COPY option to copy events**

**Click on the Specification Tab To setup the Capture Spec**

IBM CICS Explorer  
Explorer Edit Project Search Window Help  
Resource z/OS CICS SM SM Administra... Events Atom >>  
Project Explorer  
Catalog\_Manager\_Events\_I  
Catalog\_Manager\_Events\_I  
CICS\_EP\_Adapters  
DemoMVS CICS PA  
DemoMVS Plex  
EBDemo  
FRDemoFile  
EGUI\_Demo  
FileaMon  
META-INF  
cics.xml  
FileaMon.evbind  
FILEATST  
FUNDTTest  
Interdependency Analyzer  
My Catalog Sample  
Outline  
An outline is not available.  
Event Binding Specification Adapter  
Description System Event to Monitor the Status of VSAM File FILEA  
User Tag  
Event S  
Event spec  
Filea  
Add...  
Edit Details...  
Remove...  
Copy...  
Fetching children of

# System Events



IBM CICS Explorer

Emitted Business Information

**Add Emitted Business Information**

Please enter a name. Choose the type, select the precision for numeric types and enter the length.

Name: OldStatus

Type: Text

Length:  Automatic Length: 0

Precision:  Automatic Precision: -1

Description:

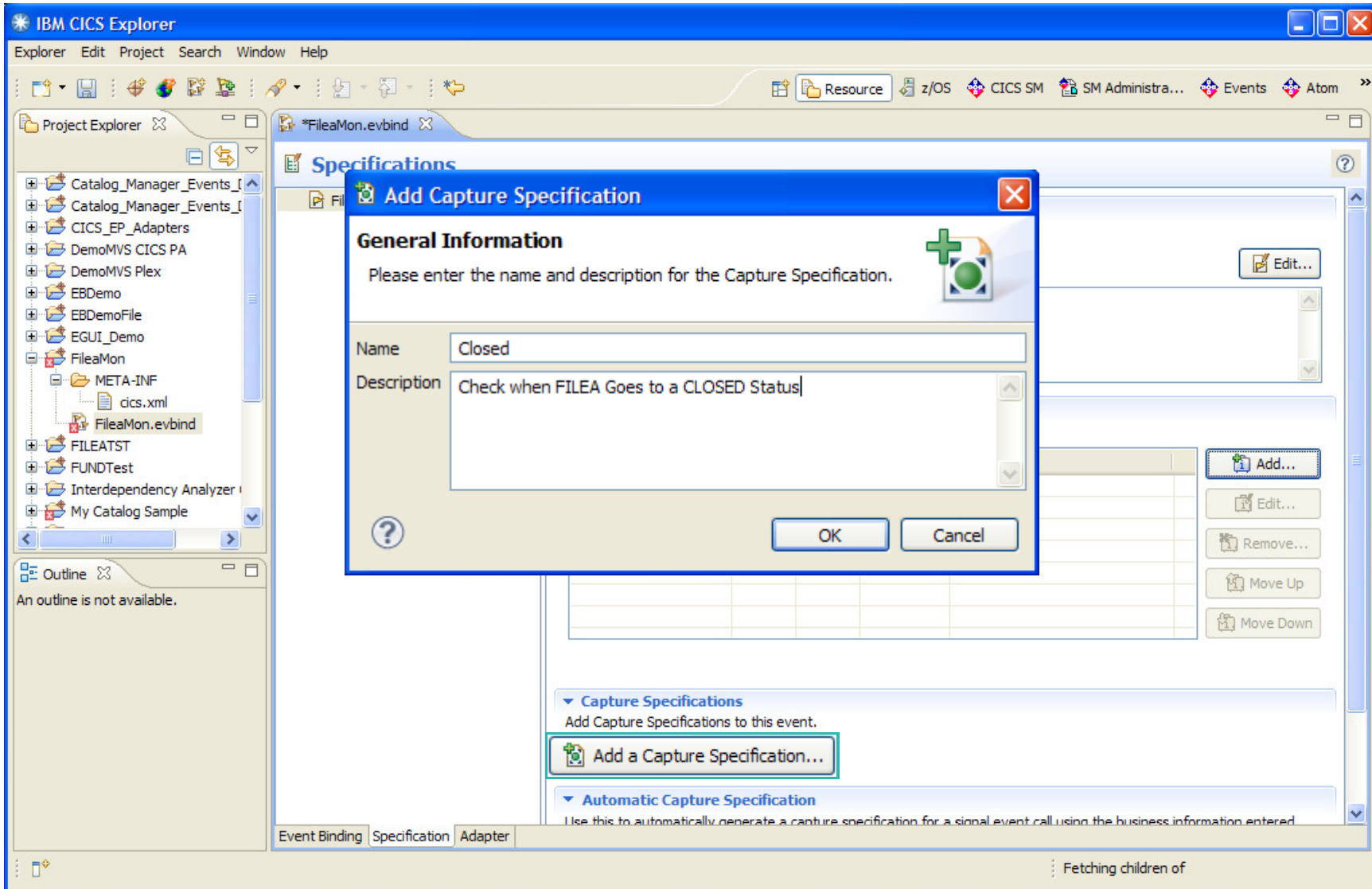
OK Cancel

SM Administra... Events Atom

Event Binding Specification Adapter

Fetching children of

# System Events

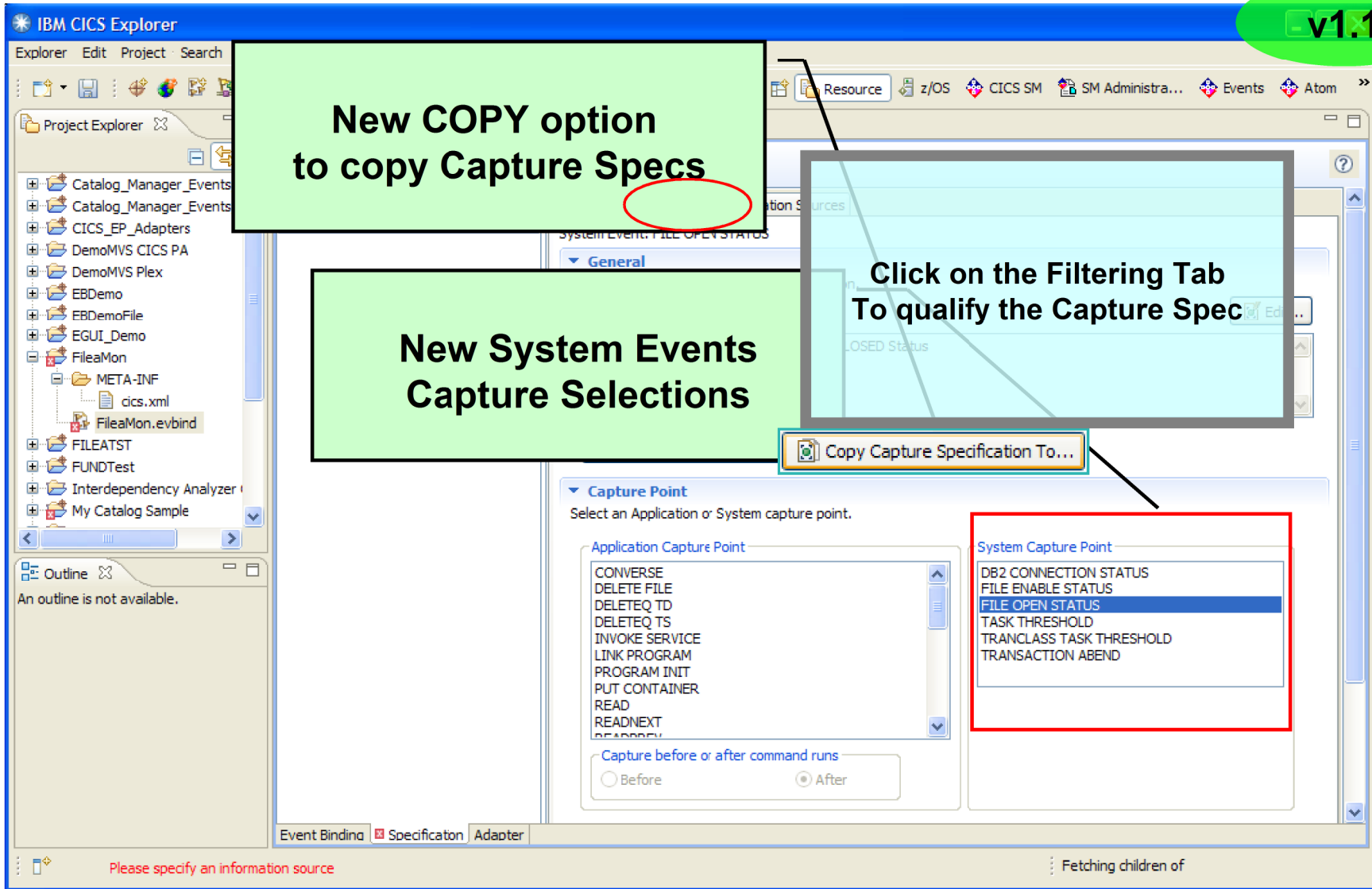


The screenshot displays the IBM CICS Explorer interface. The main window shows a project tree on the left with 'FileaMon.evbind' selected. The central pane is titled 'Specifications' and contains a table for capture specifications. A dialog box titled 'Add Capture Specification' is open, showing the 'General Information' tab. The dialog prompts the user to enter a name and description for the capture specification. The 'Name' field contains 'Closed' and the 'Description' field contains 'Check when FILEA Goes to a CLOSED Status'. The dialog also includes 'OK' and 'Cancel' buttons. In the background, the 'Specifications' table has a red box around the 'Add a Capture Specification...' button. The status bar at the bottom indicates 'Event Binding Specification Adapter' and 'Fetching children of'.



# System Events

v1.1



**New COPY option to copy Capture Specs**

**Click on the Filtering Tab To qualify the Capture Spec**

**New System Events Capture Selections**

**Copy Capture Specification To...**

**Capture Point**  
Select an Application or System capture point.

**Application Capture Point**

- CONVERSE
- DELETE FILE
- DELETEQ TD
- DELETEQ TS
- INVOKE SERVICE
- LINK PROGRAM
- PROGRAM INIT
- PUT CONTAINER
- READ
- READNEXT
- READPREV

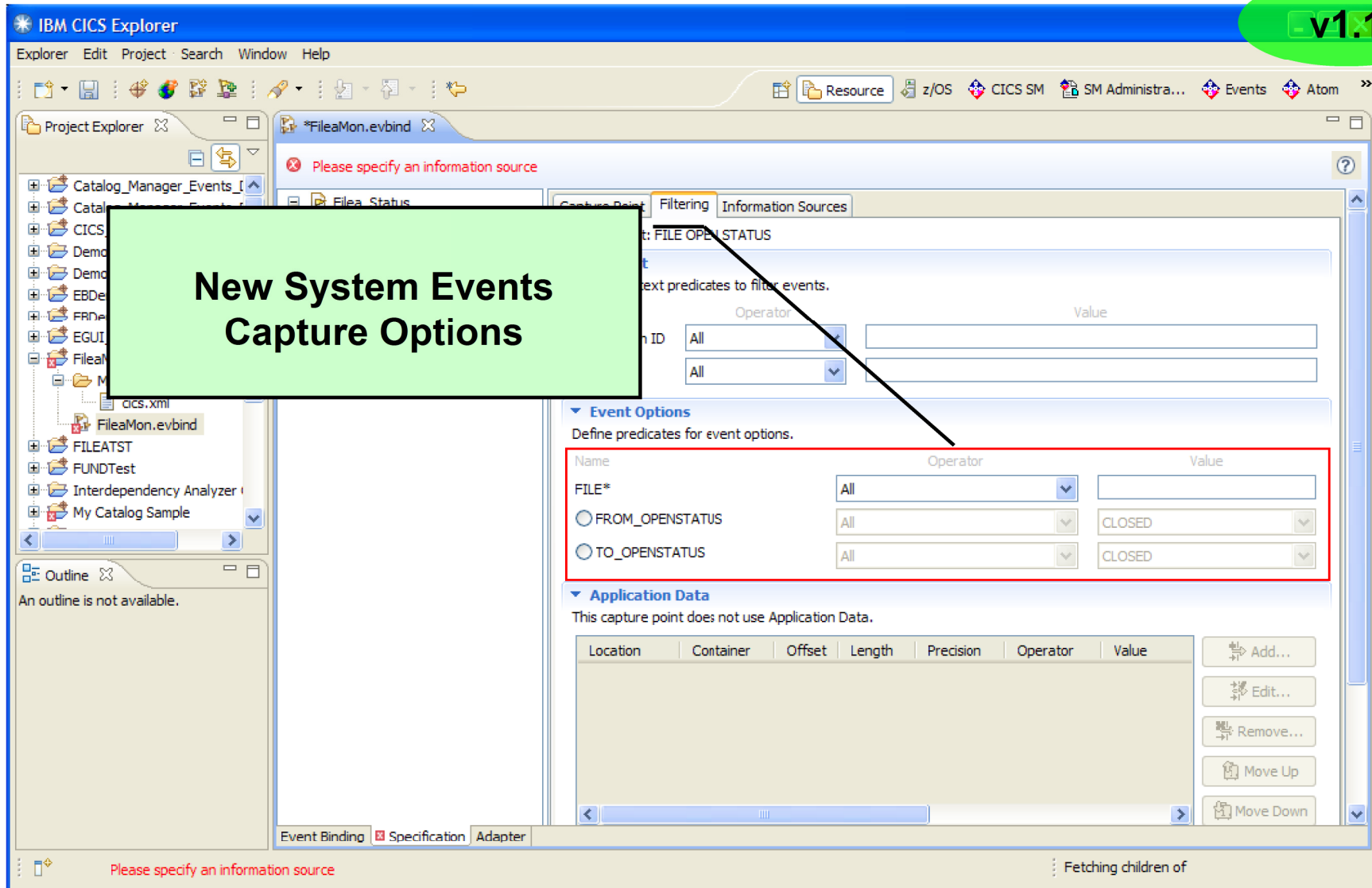
**System Capture Point**

- DB2 CONNECTION STATUS
- FILE ENABLE STATUS
- FILE OPEN STATUS**
- TASK THRESHOLD
- TRANCLASS TASK THRESHOLD
- TRANSACTION ABEND

Capture before or after command runs  
 Before  After

# System Events

v1.1



**New System Events Capture Options**

Please specify an information source

Filtering Information Sources

FILE OPEN STATUS

Text predicates to filter events.

Name	Operator	Value
FILE*	All	
<input type="radio"/> FROM_OPENSTATUS	All	CLOSED
<input type="radio"/> TO_OPENSTATUS	All	CLOSED

Event Options  
Define predicates for event options.

Application Data  
This capture point does not use Application Data.

Location	Container	Offset	Length	Precision	Operator	Value
----------	-----------	--------	--------	-----------	----------	-------

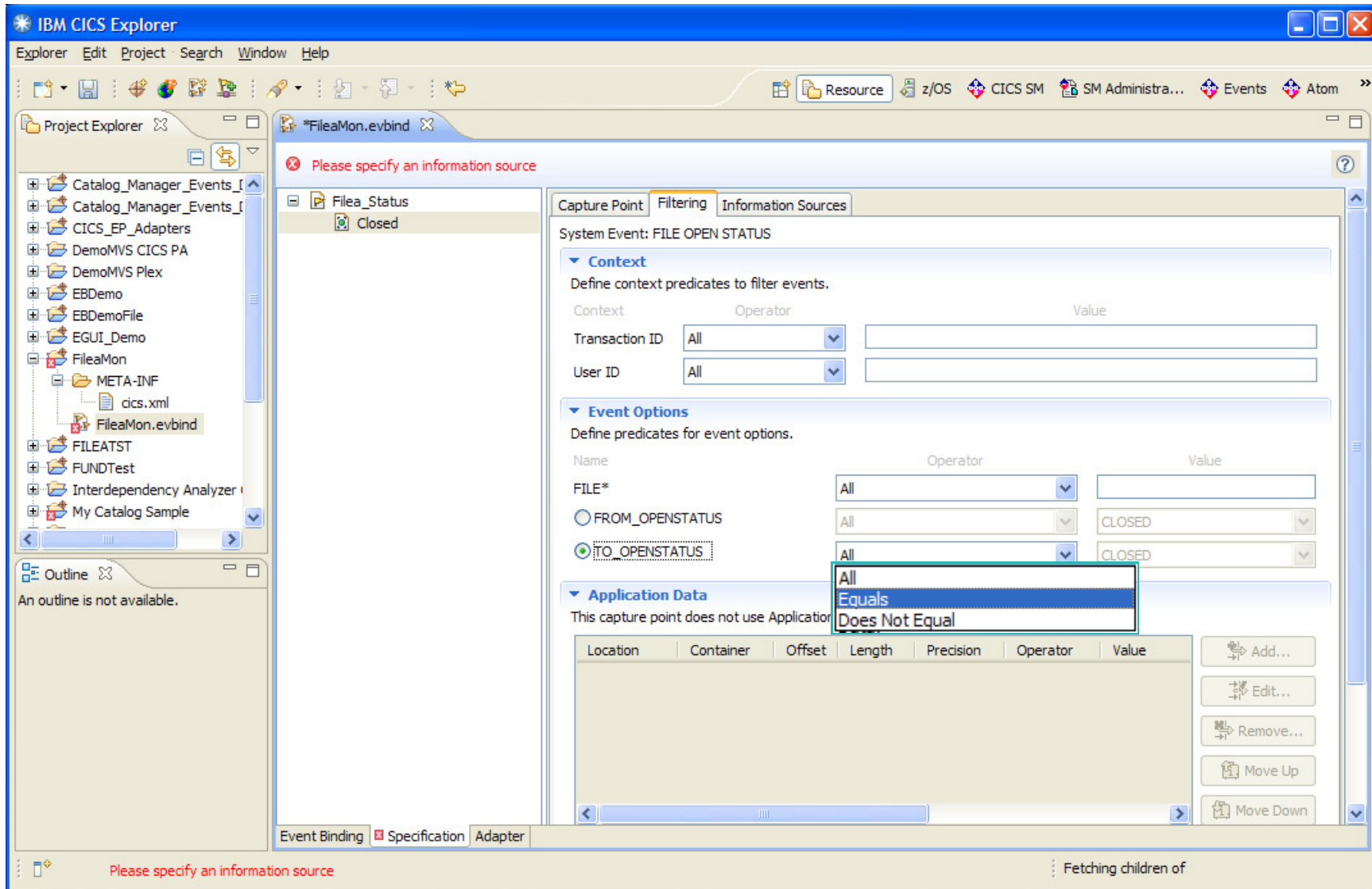
Add... Edit... Remove... Move Up Move Down

Event Binding Specification Adapter

Please specify an information source

Fetching children of

# System Events



IBM CICS Explorer

Project Explorer

- Catalog\_Manager\_Events\_I
- Catalog\_Manager\_Events\_I
- CICS\_EP\_Adapters
- DemoMVS CICS PA
- DemoMVS Plex
- EBDemo
- EBDemoFile
- EGUI\_Demo
- FileaMon
  - META-INF
    - cics.xml
    - FileaMon.evbind
- FILEATST
- FUNDTTest
- Interdependency Analyzer
- My Catalog Sample

FileaMon.evbind

Please specify an information source

Filea\_Status

Closed

System Event: FILE OPEN STATUS

Context

Define context predicates to filter events.

Context	Operator	Value
Transaction ID	All	
User ID	All	

Event Options

Define predicates for event options.

Name	Operator	Value
FILE*	All	
<input type="radio"/> FROM_OPENSTATUS	All	CLOSED
<input checked="" type="radio"/> TO_OPENSTATUS	All	CLOSED

Application Data

This capture point does not use Application Data

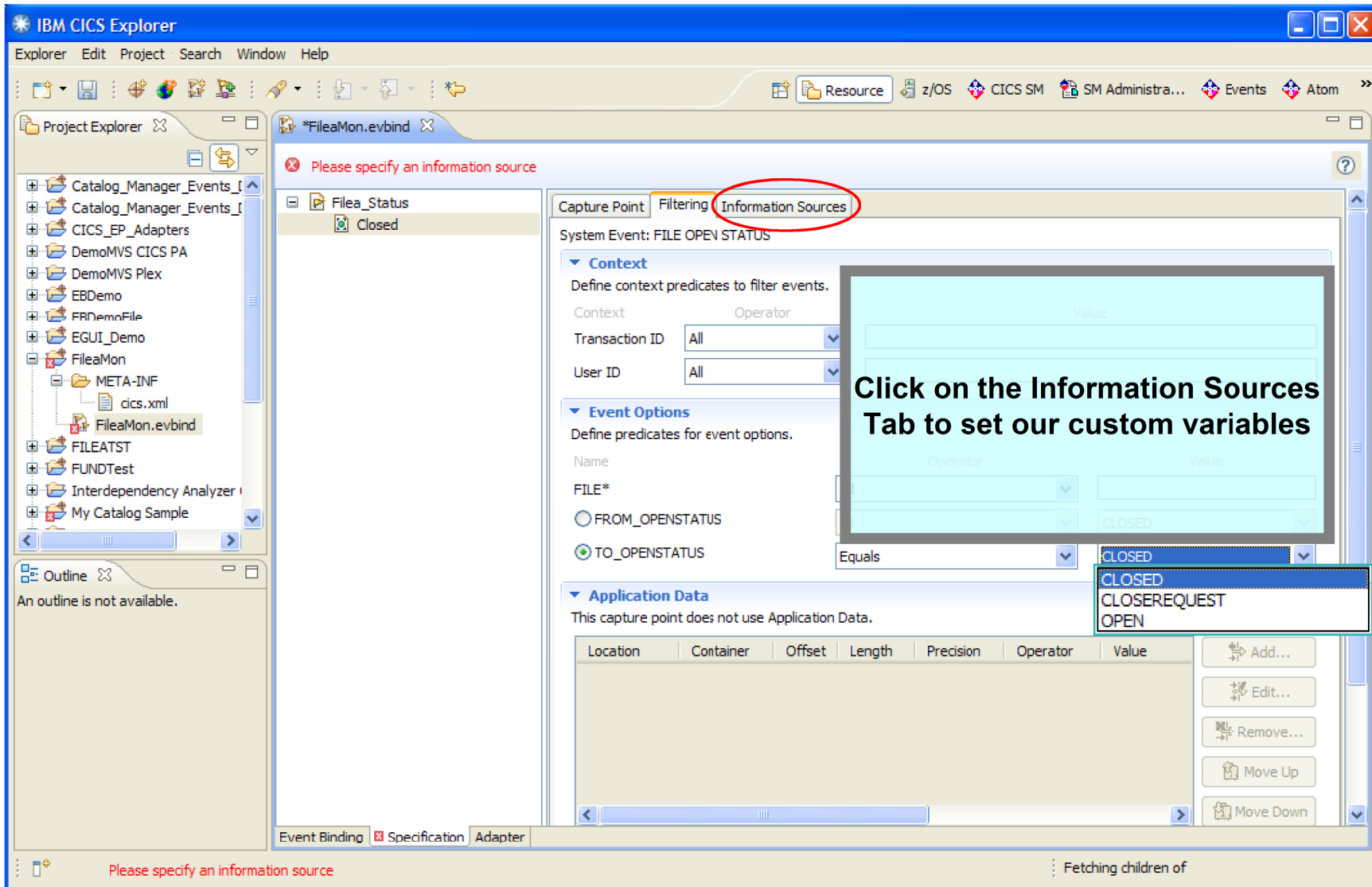
Location	Container	Offset	Length	Precision	Operator	Value
----------	-----------	--------	--------	-----------	----------	-------

Event Binding Specification Adapter

Please specify an information source

Fetching children of

# System Events



Please specify an information source

FileaMon.evbind

Filea\_Status  
Closed

Capture Point Filtering **Information Sources**

System Event: FILE OPEN STATUS

**Context**  
Define context predicates to filter events.

Context	Operator	Value
Transaction ID	All	
User ID	All	

**Event Options**  
Define predicates for event options.

Name

FILE\*  
 FROM\_OPENSTATUS  
 TO\_OPENSTATUS

Equals

**Application Data**  
This capture point does not use Application Data.

Location	Container	Offset	Length	Precision	Operator	Value
----------	-----------	--------	--------	-----------	----------	-------

Click on the Information Sources Tab to set our custom variables

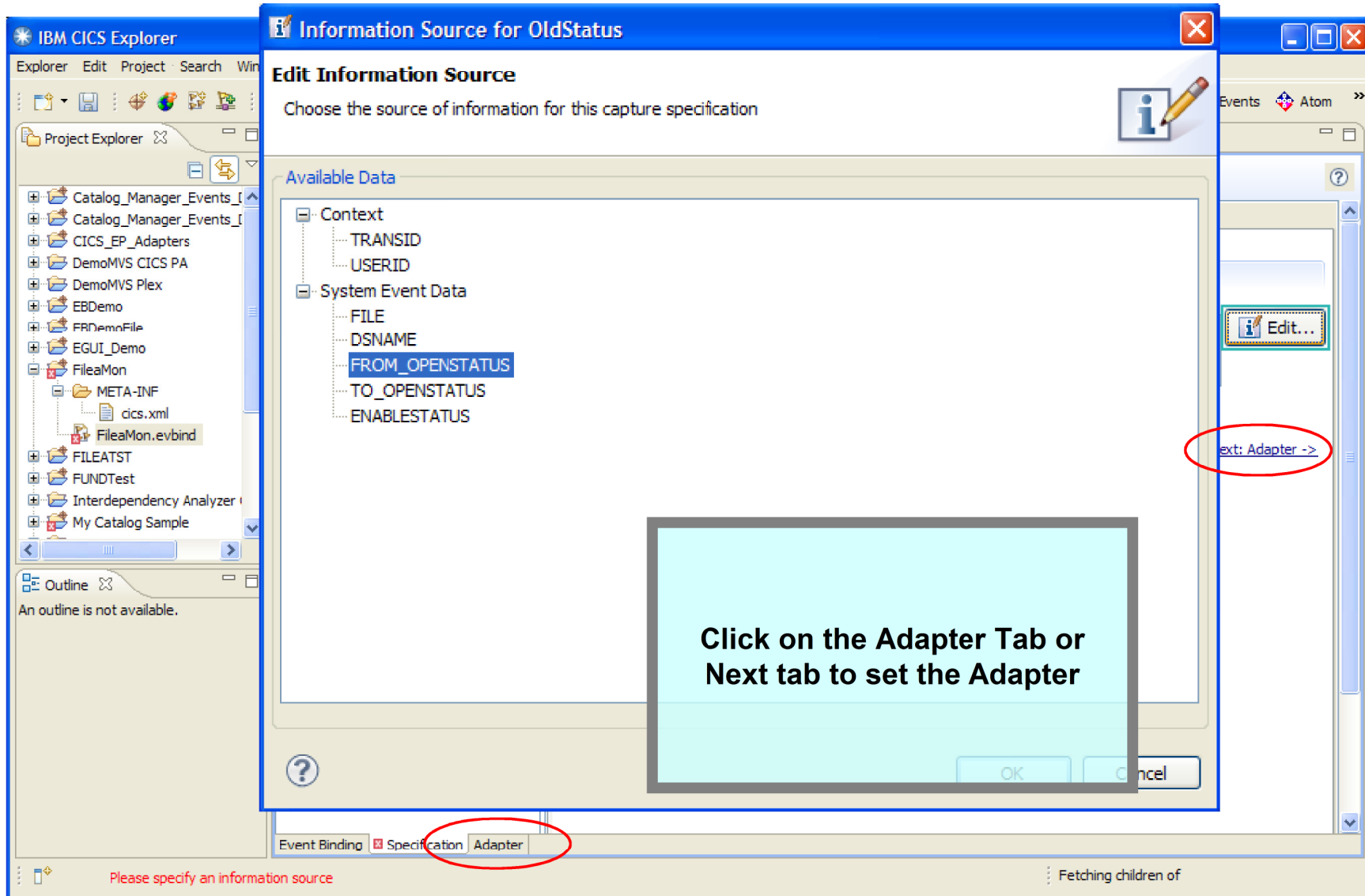
CLOSED  
CLOSEREQUEST  
OPEN

Event Binding Specification Adapter

Please specify an information source

Fetching children of

# System Events



**Information Source for OldStatus**

**Edit Information Source**

Choose the source of information for this capture specification

**Available Data**

- Context
  - TRANSID
  - USERID
- System Event Data
  - FILE
  - DSNAME
  - FROM\_OPENSTATUS**
  - TO\_OPENSTATUS
  - ENABLESTATUS

**Click on the Adapter Tab or Next tab to set the Adapter**

ext: Adapter ->

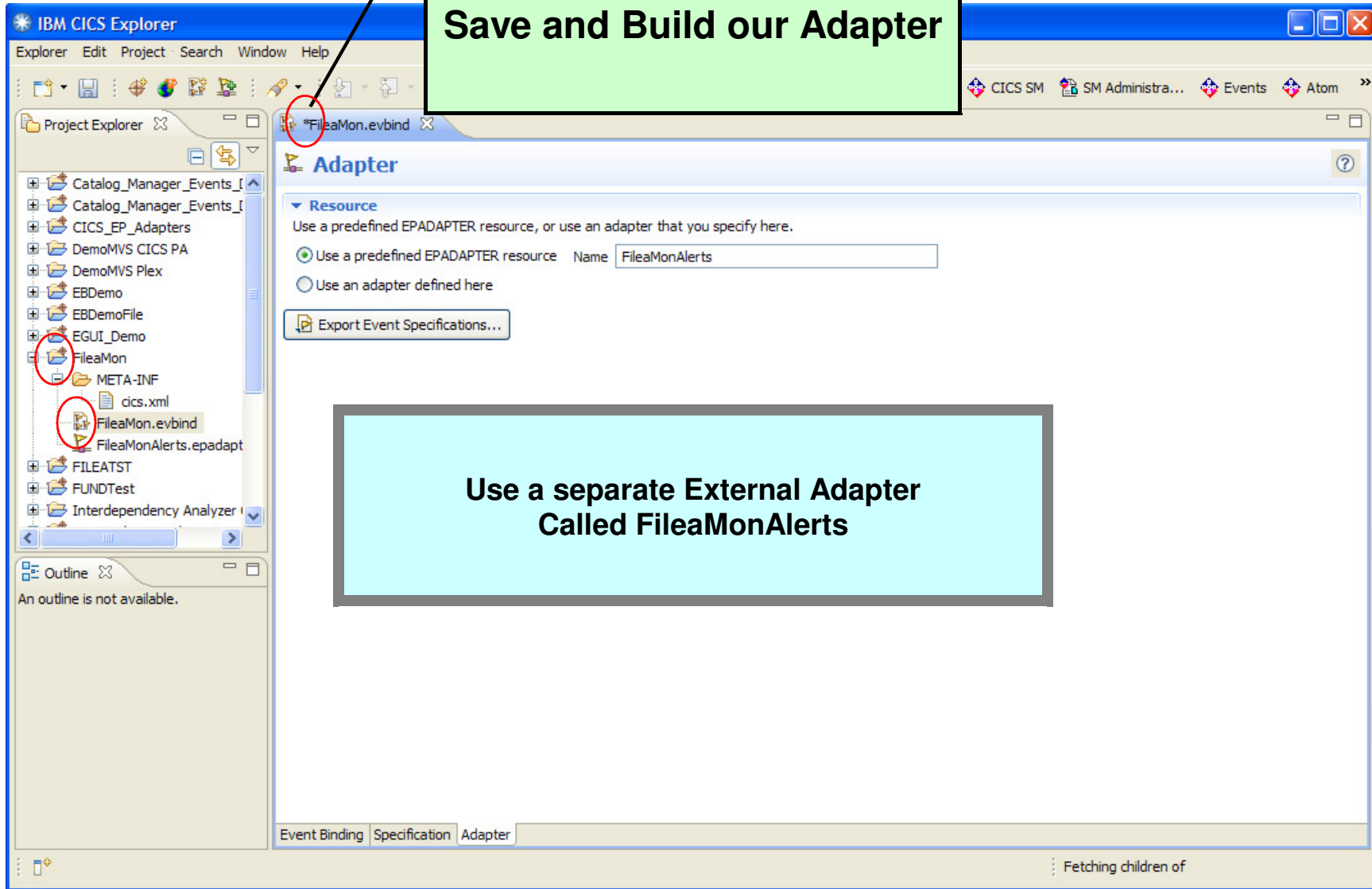
Event Binding Specification **Adapter**

Please specify an information source

Fetching children of

# System Events

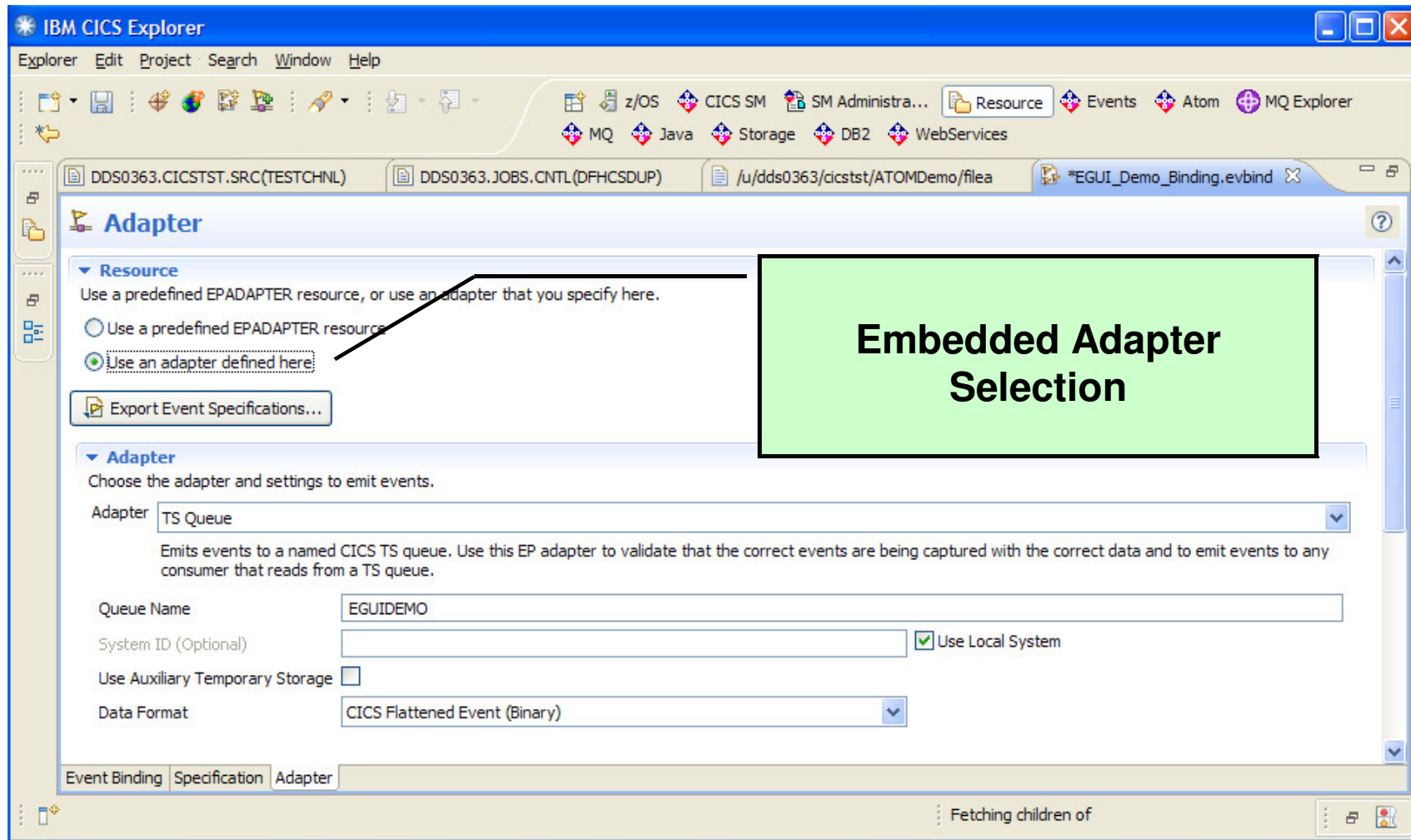
**We're Done  
Save and Build our Adapter**



The screenshot shows the IBM CICS Explorer interface. On the left, the Project Explorer shows a tree view with 'FileaMon' selected, and 'FileaMon.evbind' and 'FileaMonAlerts.epadapt' also highlighted with red circles. The main window displays the 'Adapter' configuration for 'FileaMonAlerts'. The 'Resource' section is expanded, showing the option 'Use a predefined EPADAPTER resource' selected, with the name 'FileaMonAlerts' entered in the text box. Below this, there is an 'Export Event Specifications...' button. At the bottom of the window, the status bar indicates 'Fetching children of'.

**Use a separate External Adapter  
Called FileaMonAlerts**

# EP Adapter – Inline Specification



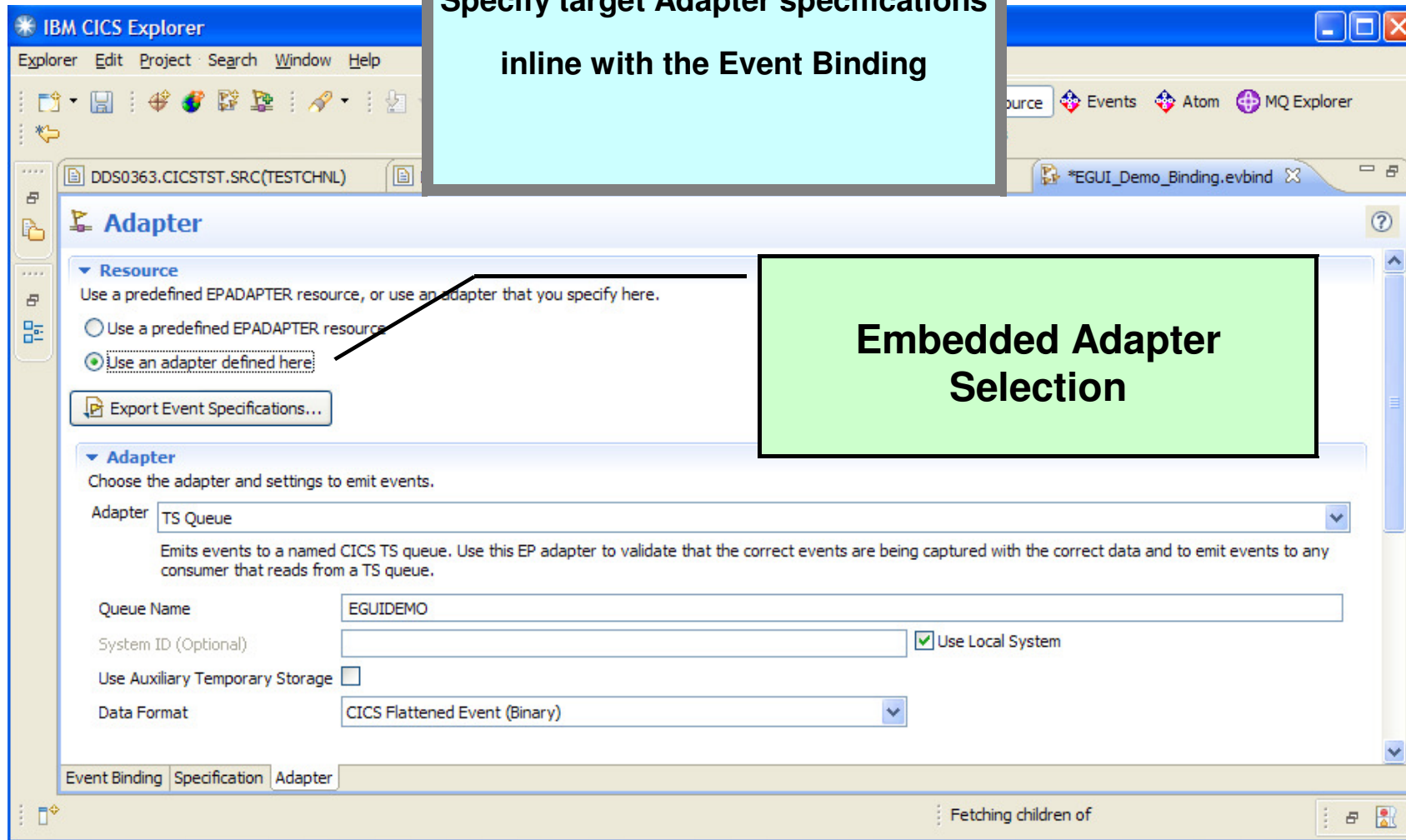
The screenshot displays the IBM CICS Explorer interface for configuring an EP Adapter. The main window is titled "Adapter" and contains the following sections:

- Resource:** "Use a predefined EPADAPTER resource, or use an adapter that you specify here."
  - Use a predefined EPADAPTER resource
  - Use an adapter defined here
- Adapter:** "Choose the adapter and settings to emit events."
  - Adapter:
  - Queue Name:
  - System ID (Optional):   Use Local System
  - Use Auxiliary Temporary Storage:
  - Data Format:

A green box with the text "Embedded Adapter Selection" is overlaid on the "Use an adapter defined here" radio button and the "Adapter" section. A line points from the text in the green box to the selected radio button.

# EP Adapter – Inline Configuration

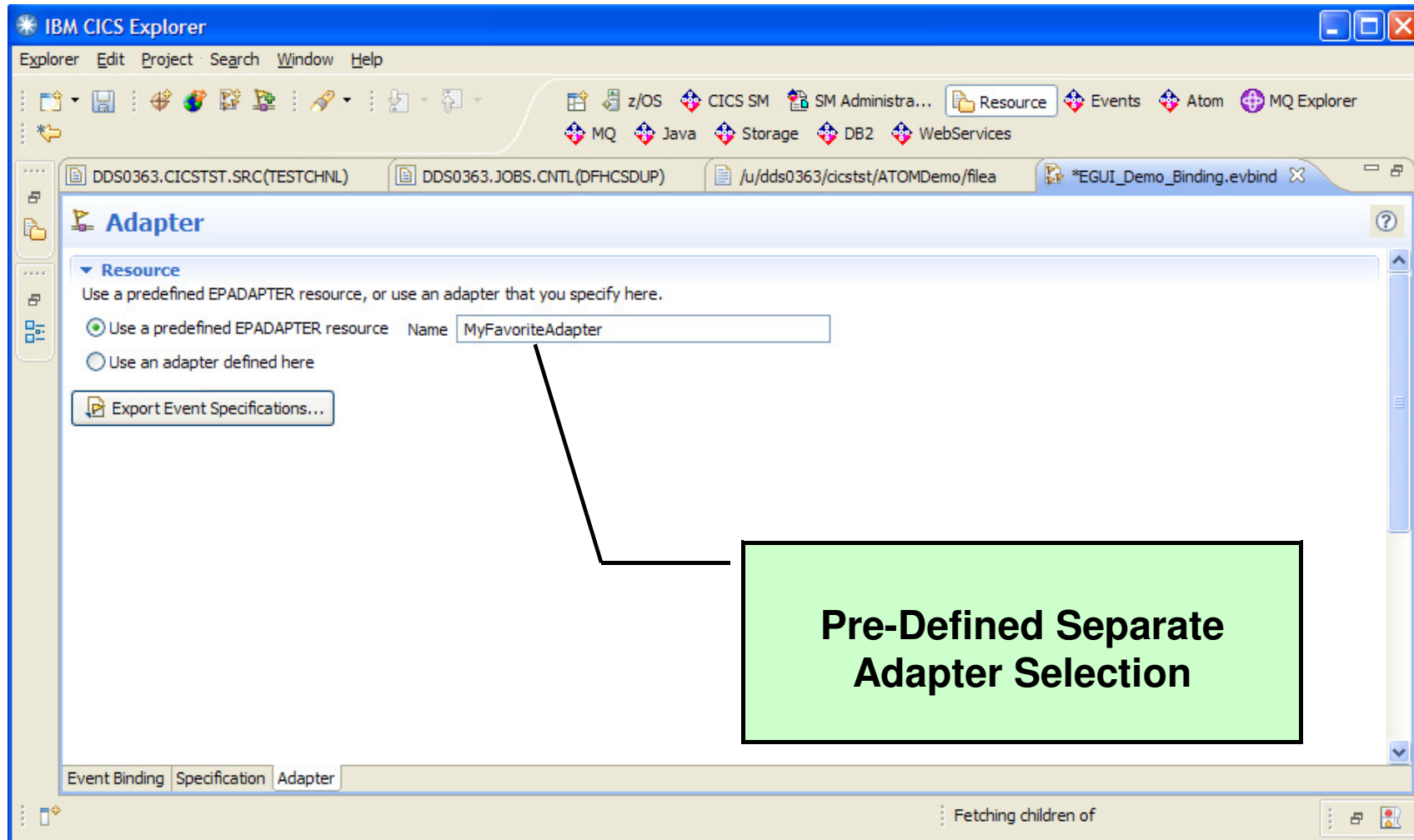
Specify target Adapter specifications  
inline with the Event Binding



**Embedded Adapter Selection**



# EP Adapter – Predefined Specification

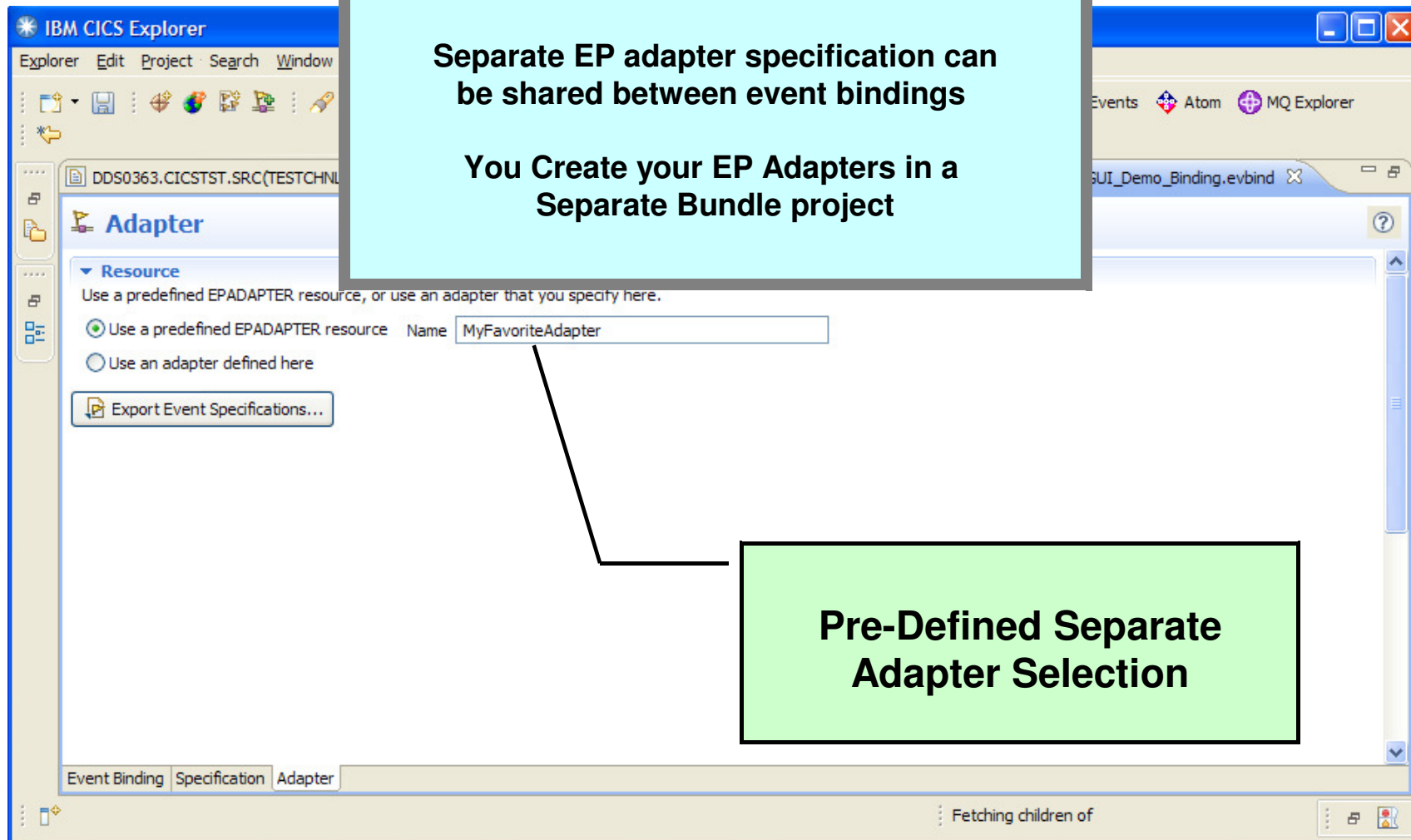


# EP Adapter – Pre-Defined Adapter Selection

**Specify the name of the pre-Defined Adapter**

**Separate EP adapter specification can be shared between event bindings**

**You Create your EP Adapters in a Separate Bundle project**



The screenshot shows the IBM CICS Explorer interface. The main window is titled 'Adapter' and contains the following elements:

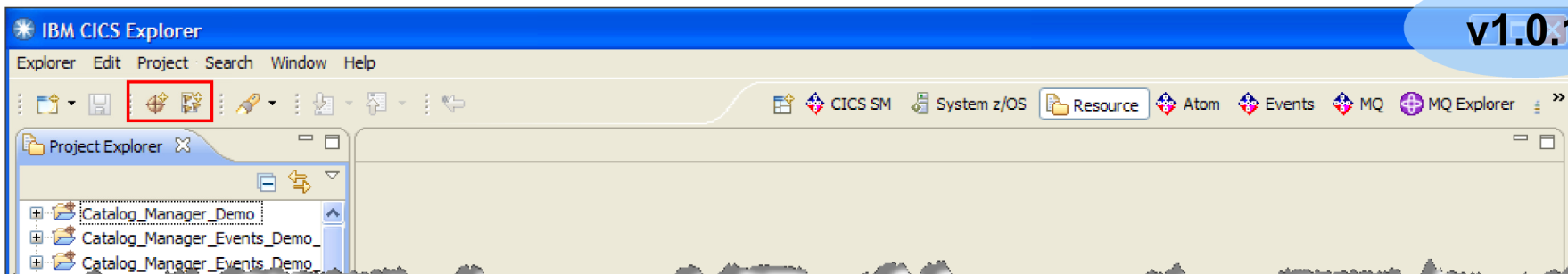
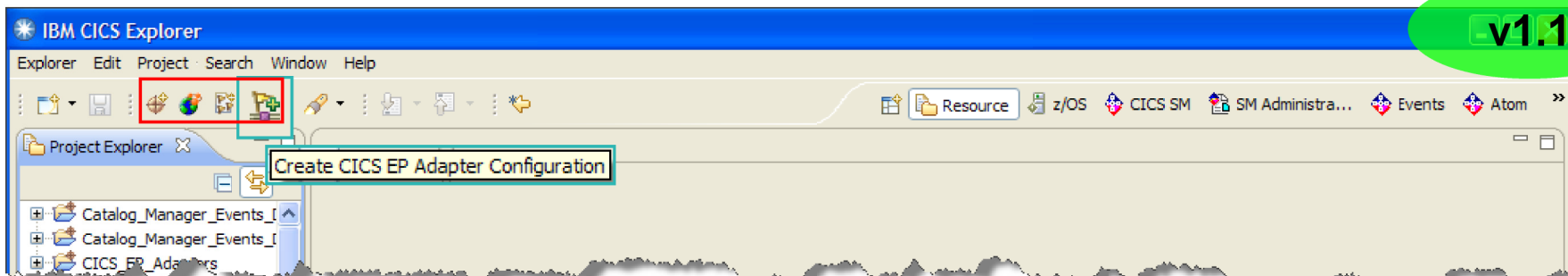
- Resource Section:** A heading 'Resource' with the instruction 'Use a predefined EPADAPTER resource, or use an adapter that you specify here.'
- Radio Buttons:** Two options are available: 'Use a predefined EPADAPTER resource' (which is selected) and 'Use an adapter defined here'.
- Name Field:** A text input field labeled 'Name' containing the text 'MyFavoriteAdapter'. A callout box points to this field with the text 'Pre-Defined Separate Adapter Selection'.
- Buttons:** An 'Export Event Specifications...' button is located at the bottom left of the dialog.
- Bottom Panel:** A tabbed interface with 'Event Binding', 'Specification', and 'Adapter' tabs. The 'Adapter' tab is currently active.

## EP Adapter Example

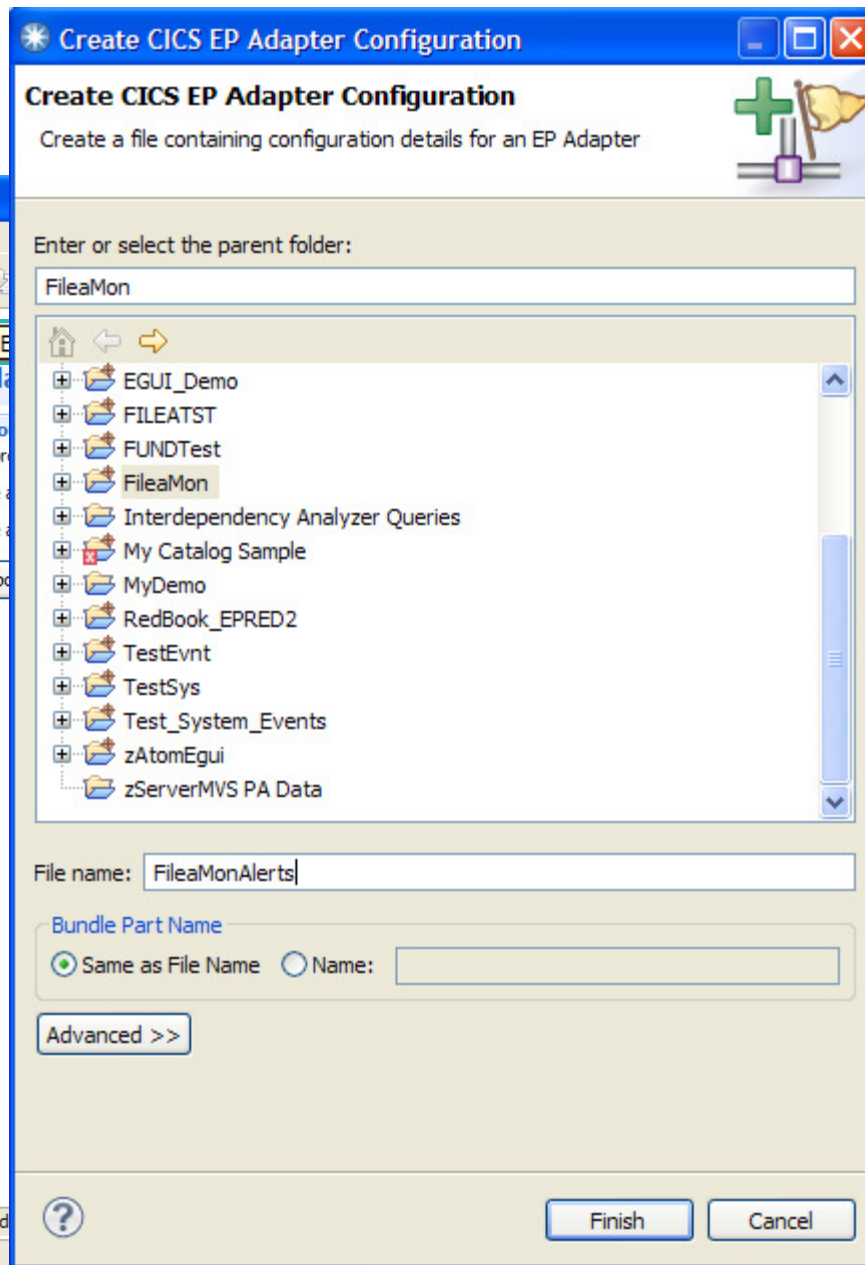
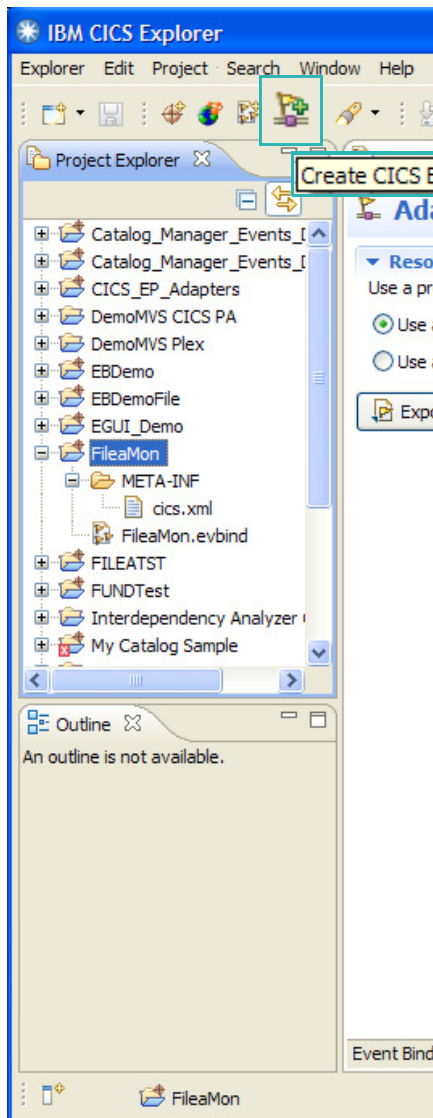
- **Build a System Event to monitor the status of VSAM File FILEA**
  - Use a predefined adapter called FileaMonAlerts
- ☀ **Build an External EP Adapter that can be used by other Events**
  - Include it in with our System Event we just built - FileaMon

# EP Adapter

- **New Wizard buttons in the Resource Perspective**
  - EP Adapter Configuration
    - Inline Adapter Options
    - Predefined Adapter Options
  - Atom Configuration File



# EP Adapter



# EP Adapter



IBM CICS Explorer

FileaMonAlerts.epadapter

### Adapter

**General Information**  
Describe the EP Adapter  
Description: Filea Monitor Adapter sending output to a TSQ in CFE format

**Adapter**  
Choose the adapter and settings to emit events.  
Adapter: 

- WebSphere MQ Queue
- Transaction Start
- TS Queue**
- Custom (User Written)
- HTTP

**Advanced Options**

Adapter:   
Fetching children of

# EP Adapter



**IBM CICS Explorer**

Explorer Edit Project Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

**Project Explorer**

- Catalog\_Manager\_Events\_I
- Catalog\_Manager\_Events\_I
- CICS\_EP\_Adapters
- DemoMVS CICS PA
- DemoMVS Plex
- EBDemo
- EBDemoFile
- EGUI\_Demo
- FileaMon
  - META-INF
    - cics.xml
  - FileaMon.evbind
  - FileaMonAlerts.epadap
- FILEATST
- FUNDTest
- Interdependency Analyzer

**Adapter**

**General Information**  
Describe the EP Adapter  
Description: FILEA Monitor Adapter sending output to a TSQ in CFE format

**Adapter**  
Choose the adapter and settings to emit events.  
Adapter: TS Queue  
Emits events to a named CICS TS queue. Use this EP adapter to validate that the correct events are being captured with the correct data and to emit events to any consumer that reads from a TS queue.

Queue Name: FileaMonAlerts

System ID (Optional):   Use Local System

Use Auxiliary Temporary Storage:

Data Format: CICS Flattened Event (Binary) (selected)  
Common Base Event (XML)  
Common Base Event REST (XML)  
WebSphere Business Events (XML)

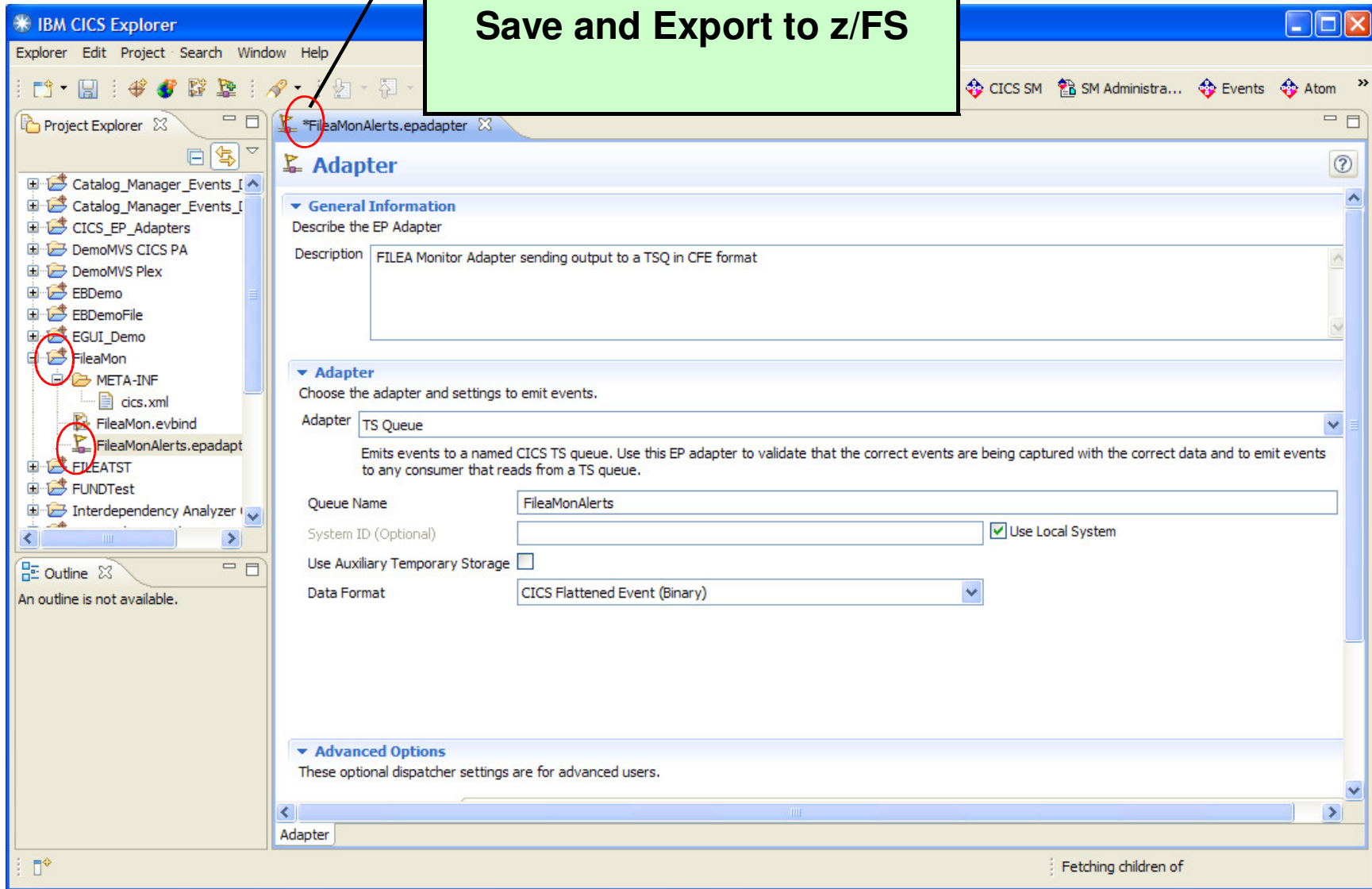
**Advanced Options**  
These optional dispatcher settings are for advanced users.

Adapter

Fetching children of

# EP Adapter

**We're Done  
Save and Export to z/FS**



The screenshot displays the IBM CICS Explorer interface. On the left, the Project Explorer shows a tree view of project files, with 'FileaMonAlerts.epadapter' selected and circled in red. The main workspace shows the configuration for this adapter. The 'Adapter' section is expanded, showing the following settings:

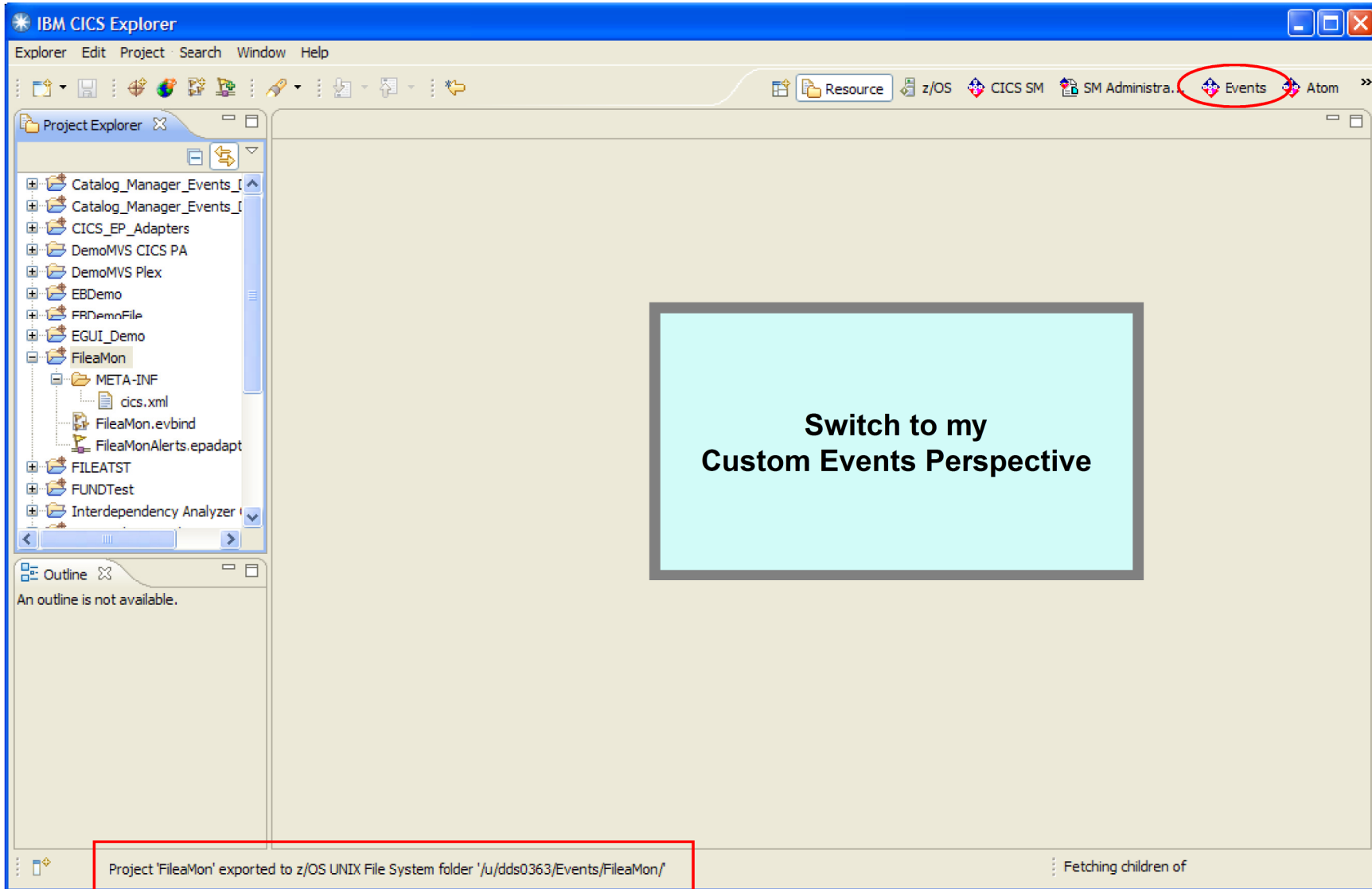
- General Information:** Description: FILEA Monitor Adapter sending output to a TSQ in CFE format.
- Adapter:** Adapter: TS Queue. Queue Name: FileaMonAlerts. System ID (Optional): [Empty]. Use Local System: . Use Auxiliary Temporary Storage: . Data Format: CICS Flattened Event (Binary).
- Advanced Options:** These optional dispatcher settings are for advanced users.

The status bar at the bottom right indicates 'Fetching children of Adapter'.





# System Events & EP Adapter Example



IBM CICS Explorer

Explorer Edit Project Search Window Help

Resource z/OS CICS SM SM Administra. **Events** Atom >>

Project Explorer

- Catalog\_Manager\_Events\_I
- Catalog\_Manager\_Events\_I
- CICS\_EP\_Adapters
- DemoMVS CICS PA
- DemoMVS Plex
- EBDemo
- FRDemoFile
- EGUI\_Demo
- FileaMon
  - META-INF
  - cics.xml
  - FileaMon.evbind
  - FileaMonAlerts.epadapt
- FILEATST
- FUNDTest
- Interdependency Analyzer

Outline

An outline is not available.

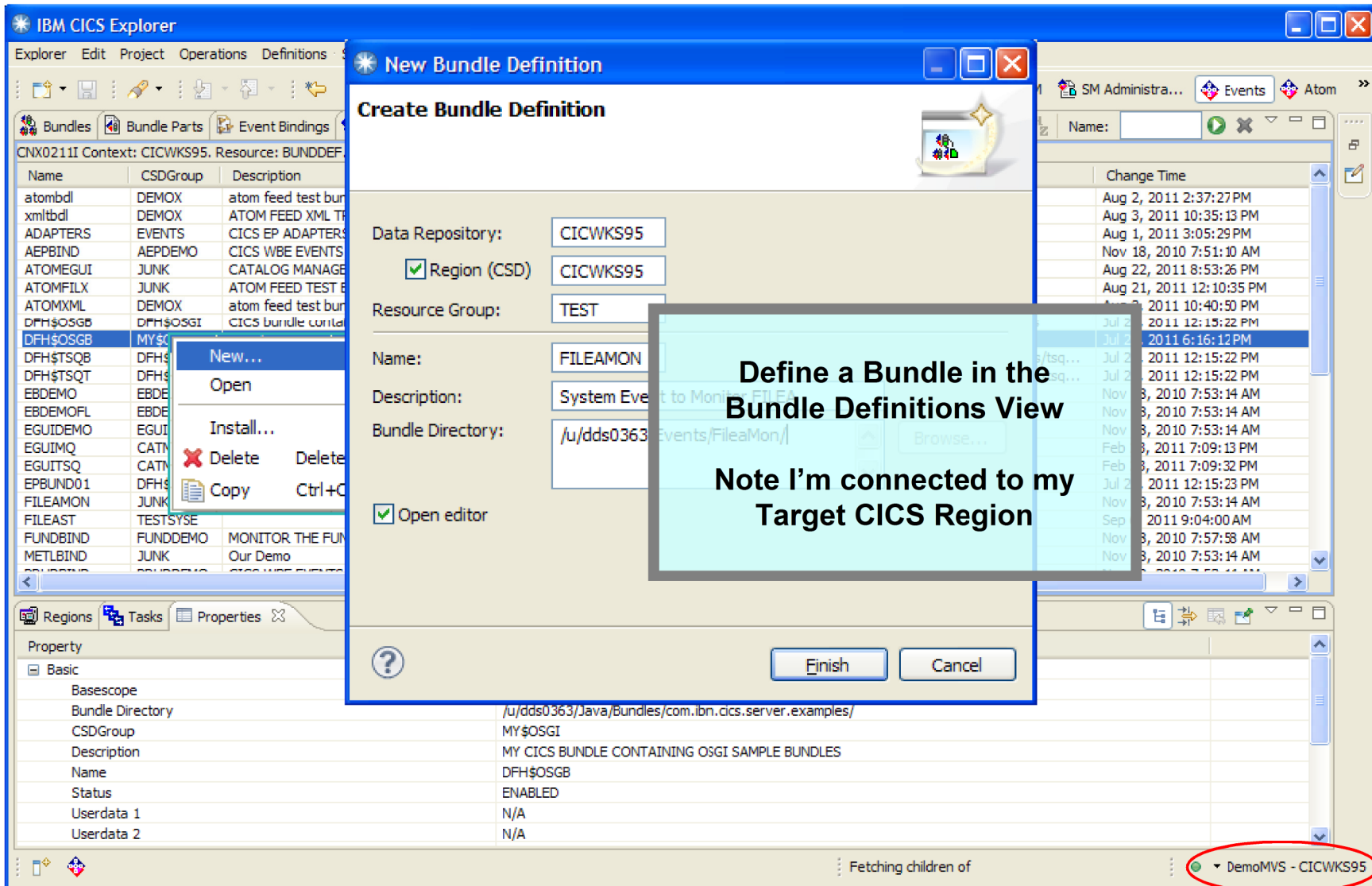
Project 'FileaMon' exported to z/OS UNIX File System folder '/u/dds0363/Events/FileaMon/'

Fetching children of

nta

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# System Events & EP Adapter Example



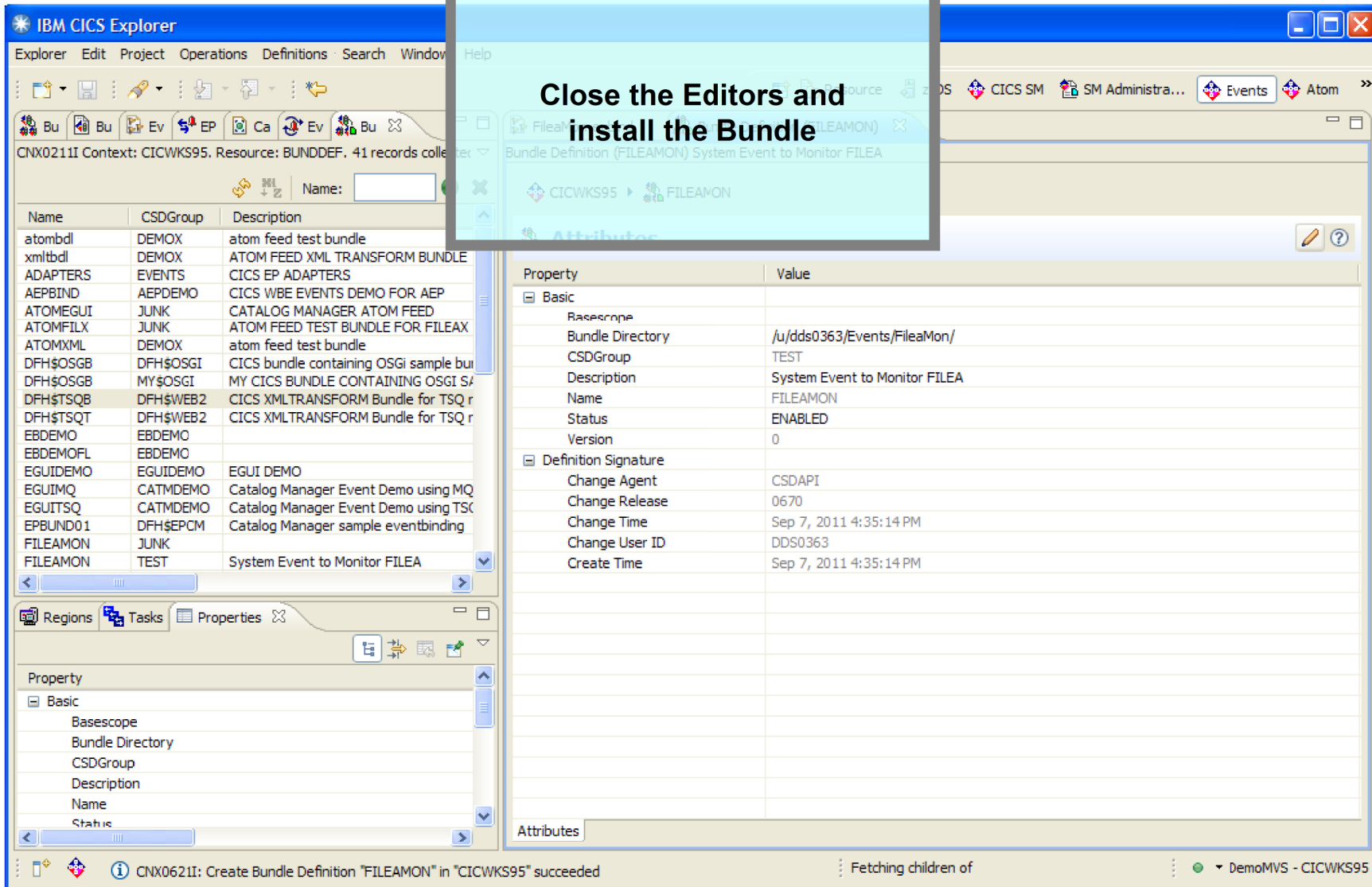
**Define a Bundle in the Bundle Definitions View**  
**Note I'm connected to my Target CICS Region**

Name	CSDGroup	Description
atombdl	DEMOX	atom feed test bur
xmltbl	DEMOX	ATOM FEED XML TR
ADAPTERS	EVENTS	CICS EP ADAPTERS
AEPBIND	AEPDEMO	CICS WBE EVENTS
ATOMGUI	JUNK	CATALOG MANAGE
ATOMFILX	JUNK	ATOM FEED TEST B
ATOMXML	DEMOX	atom feed test bur
DFH\$OSGB	DFH\$OSGI	CICS bundle conta
DFH\$OSGB	MY\$OSGI	MY CICS BUNDLE CONTAINING OSGI SAMPLE BUNDLES
DFH\$TSQB	DFH\$TSQT	
DFH\$TSQT	DFH\$TSQB	
EBDEMO	EBDEMO	
EBDEMOFL	EBDEMO	
EGUIDEMO	EGUIDEMO	
EGUIMQ	CATN	
EGUITSQ	CATN	
EPBUND01	DFH\$OSGI	
FILEAMON	JUNK	
FILEAST	TESTSYSE	
FUNDBIND	FUNDDemo	MONITOR THE FUN
METLBIND	JUNK	Our Demo
...	...	...

Property  
Basic  
Basescope  
Bundle Directory: /u/dds0363/Java/Bundles/com.ibm.cics.server.examples/  
CSDGroup: MY\$OSGI  
Description: MY CICS BUNDLE CONTAINING OSGI SAMPLE BUNDLES  
Name: DFH\$OSGB  
Status: ENABLED  
Userdata 1: N/A  
Userdata 2: N/A

Regions: DemoMVS - CICWKS95

# System Events & EP Adapter Example



**Close the Editors and install the Bundle**

Name	CSDGroup	Description
atombdl	DEMOX	atom feed test bundle
xmltbl	DEMOX	ATOM FEED XML TRANSFORM BUNDLE
ADAPTERS	EVENTS	CICS EP ADAPTERS
AEPBIND	AEPDEMO	CICS WBE EVENTS DEMO FOR AEP
ATOMEGUI	JUNK	CATALOG MANAGER ATOM FEED
ATOMFILX	JUNK	ATOM FEED TEST BUNDLE FOR FILEAX
ATOMXML	DEMOX	atom feed test bundle
DFH\$OSGB	DFH\$OSGI	CICS bundle containing OSGi sample bu
DFH\$OSGB	MY\$OSGI	MY CICS BUNDLE CONTAINING OSGI SA
DFH\$TSQB	DFH\$WEB2	CICS XMLTRANSFORM Bundle for TSQ r
DFH\$TSQT	DFH\$WEB2	CICS XMLTRANSFORM Bundle for TSQ r
EBDEMO	EBDEMO	
EBDEMOFL	EBDEMO	
EGUIDEMO	EGUIDEMO	EGUI DEMO
EGUIMQ	CATMDEMO	Catalog Manager Event Demo using MQ
EGUITSQ	CATMDEMO	Catalog Manager Event Demo using TSC
EPBUND01	DFH\$EPCM	Catalog Manager sample eventbinding
FILEAMON	JUNK	
FILEAMON	TEST	System Event to Monitor FILEA

Property	Value
Basic	
Bascope	
Bundle Directory	/u/dds0363/Events/FileaMon/
CSDGroup	TEST
Description	System Event to Monitor FILEA
Name	FILEAMON
Status	ENABLED
Version	0
Definition Signature	
Change Agent	CSDAPI
Change Release	0670
Change Time	Sep 7, 2011 4:35:14 PM
Change User ID	DDS0363
Create Time	Sep 7, 2011 4:35:14 PM

Property: Basic, Bascope, Bundle Directory, CSDGroup, Description, Name, Status, Version, Definition Signature, Change Agent, Change Release, Change Time, Change User ID, Create Time

Attributes

Message: CNX06211: Create Bundle Definition "FILEAMON" in "CICWKS95" succeeded

# System Events & EP Adapter Example



**Perform Operation**  
**Perform INSTALL Operation**  
 INSTALL operation will be performed on all items in the execution queue

CICSplex: **CICWKS95** Execution Queue:

State	Object
	FILEAMON

Target: **CICWKS95 (C**

Buttons: **OK** **Cancel**

Background Table (IBM CICS Explorer):

Name	CSDGroup	Description
DFH\$OSGB	DFH\$OSGI	CICS bundle conta
DFH\$OSGB	MY\$OSGI	MY CICS BUNDLE C
DFH\$TSQB	DFH\$WEB2	CICS XMLTRANSFO
DFH\$TSQT	DFH\$WEB2	CICS XMLTRANSFO
EBDEMO	EBDEMO	
EBDEMOFL	EBDEMO	
EGUIDEMO	EGUIDEMO	EGUI DEMO
EGUIMQ	CATMDEMO	Catalog Manager B
EGUITSQ	CATMDEMO	Catalog Manager B
EPBUND01	DFH\$EPCM	Catalog Manager s
FILEAMON	JUNK	System Event to M
FILEAST	TESTSYS	
FUNDBIND	FUNDDEN	
METLBIND	JUNK	
PRUDBIND	PRUDDEN	
READMON	FILEAMO	
READMON	FILEDEMO	
READNMON	FILEDEMO	
REDDEMO	REDDEMO	
SYSEVNTS	EVENTS	
SYSEVNTS	JUNK	
SYSEVNTS	TEST	CICS DEMO SYSTEM

Background List (SM Administration):

Name	Change Time
	Jul 21, 2011 12:15:22 PM
	Jul 24, 2011 6:16:12 PM
/tsq...	Jul 21, 2011 12:15:22 PM
/tsq...	Jul 21, 2011 12:15:22 PM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Feb 23, 2011 7:09:13 PM
	Feb 23, 2011 7:09:32 PM
	Jul 21, 2011 12:15:23 PM
	Nov 18, 2010 7:53:14 AM
	Sep 7, 2011 4:35:14 PM
	Sep 6, 2011 9:04:00 AM
	Nov 18, 2010 7:57:58 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Nov 18, 2010 7:53:14 AM
	Aug 1, 2011 3:06:37 PM
	Sep 6, 2011 7:51:56 AM
	Sep 6, 2011 8:14:38 AM

# System Events & EP Adapter Example



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

Bundles Bundle Parts Event Bindings EP Adapters Capture Specifications Event Processing Bundle Definitions Name: [ ]

CNX0211I Context: CICWKS95. Resource: BUNNDEF. 41 records collected at Sep 7, 2011 5:35:34 PM

Name	CSDGroup	Description	Bundle Directory	Change Time
DFH\$OSGB	DFH\$OSGI	CICS bundle containing OSGi sample bundles	/tmp/cicsts42/samples/OSGi/bundles/com.ibm.cics.server.examples	Jul 21, 2011 12:15:22 PM
DFH\$OSGB	MY\$OSGI	MY CICS BUNDLE CONTAINING OSGI SAMPLE BUNDLES	/u/dds0363/Java/Bundles/com.ibm.cics.server.examples/	Jul 24, 2011 6:16:12 PM
DFH\$TSQB	DFH\$WEB2	CICS XMLTRANSFORM Bundle for TSQ records as Binary	/usr/lpp/cicsts/cicsts42/samples/web2.0/atom/xmltransformBundles/tsq...	Jul 21, 2011 12:15:22 PM
DFH\$TSQT	DFH\$WEB2	CICS XMLTRANSFORM Bundle for TSQ records as Text	/usr/lpp/cicsts/cicsts42/samples/web2.0/atom/xmltransformBundles/tsq...	Jul 21, 2011 12:15:22 PM
EBDEMO	EBDEMO		/u/dds0363/cicstst/EBDemo/	Nov 18, 2010 7:53:14 AM
EBDEMOFL	EBDEMO		/u/dds0577/EBDemoFile/	Nov 18, 2010 7:53:14 AM
EGUIDEMO	EGUIDEMO	EGUI DEMO	/u/dds0363/cicstst/EGUI_Demo/	Nov 18, 2010 7:53:14 AM
EGUIMQ	CATMDEMO	Catalog Manager Event Demo using MQ	/u/dds0363/Events/Catalog_Manager_Events_Demo_MQ/	Feb 23, 2011 7:09:13 PM
EGUITSQ	CATMDEMO	Catalog Manager Event Demo using TSQ	/u/dds0363/Events/Catalog_Manager_Events_Demo_TSQ/	Feb 23, 2011 7:09:32 PM
EPBUND01	DFH\$EPCM	Catalog Manager sample eventbinding	/usr/lpp/cicsts/cicsts42/samples/eventprocessing/CatalogManager	Jul 21, 2011 12:15:23 PM
FILEAMON	JUNK		/u/dds0363/cicstst/FILEATST/Filea_Sample_Record_Trap	Nov 18, 2010 7:53:14 AM
FILEAMON	TEST	System Event to Monitor FILEA	/u/dds0363/Events/FileaMon/	Sep 7, 2011 4:35:14 PM
FILEAST	TESTSYSE		/u/dds0363/ATOM/Test_System_Events/	Sep 6, 2011 9:04:00 AM
FUNDBIND	FUNNDEMO	MONITOR THE FUNDS IN THE FUND APPLICATION	/u/dds0363/Events/FUNNTest/	Nov 18, 2010 7:57:58 AM
METLBIND	JUNK	Our Demo	/u/dds0363/cicstst/MetLDemo/	Nov 18, 2010 7:53:14 AM
PRUDBIND	PRUDDemo	CICS WBE EVENTS DEMO FOR PRUDENTIAL	/u/dds0363/cicstst/PRUDDemo/	Nov 18, 2010 7:53:14 AM
READMON	FILEAMON	MONIDOR A RECORD IN FILEA	/u/dds0363/cicstst/FILEATST/	Nov 18, 2010 7:53:14 AM
READMON	FILEDEMO	MONIDOR A RECORD IN FILEA	/u/dds0363/cicstst/FILEATST/	Nov 18, 2010 7:53:14 AM
READNMON	FILEDEMO	MONIDOR A RECORD IN FILEA	/u/dds0363/cicstst/FILEATST/	Nov 18, 2010 7:53:14 AM
REDDEMO	REDDEMO	EGUI DEMO	/u/dds0363/cicstst/RedDemo/RedBook_EPRED2/	Nov 18, 2010 7:53:14 AM
SYSEVNTS	EVENTS	CICS DEMO SYSTEM EVENTS	/u/dds0363/Events/CICS_System_Events/	Aug 1, 2011 3:06:37 PM
SYSEVNTS	JUNK	CICS DEMO SYSTEM EVENTS	/u/dds0363/ATOM/xSysEv1	Sep 6, 2011 7:51:56 AM
SYSEVNTS	TEST	CICS DEMO SYSTEM EVENTS	/u/dds0363/ATOM/FileaClod	Sep 6, 2011 8:14:38 AM

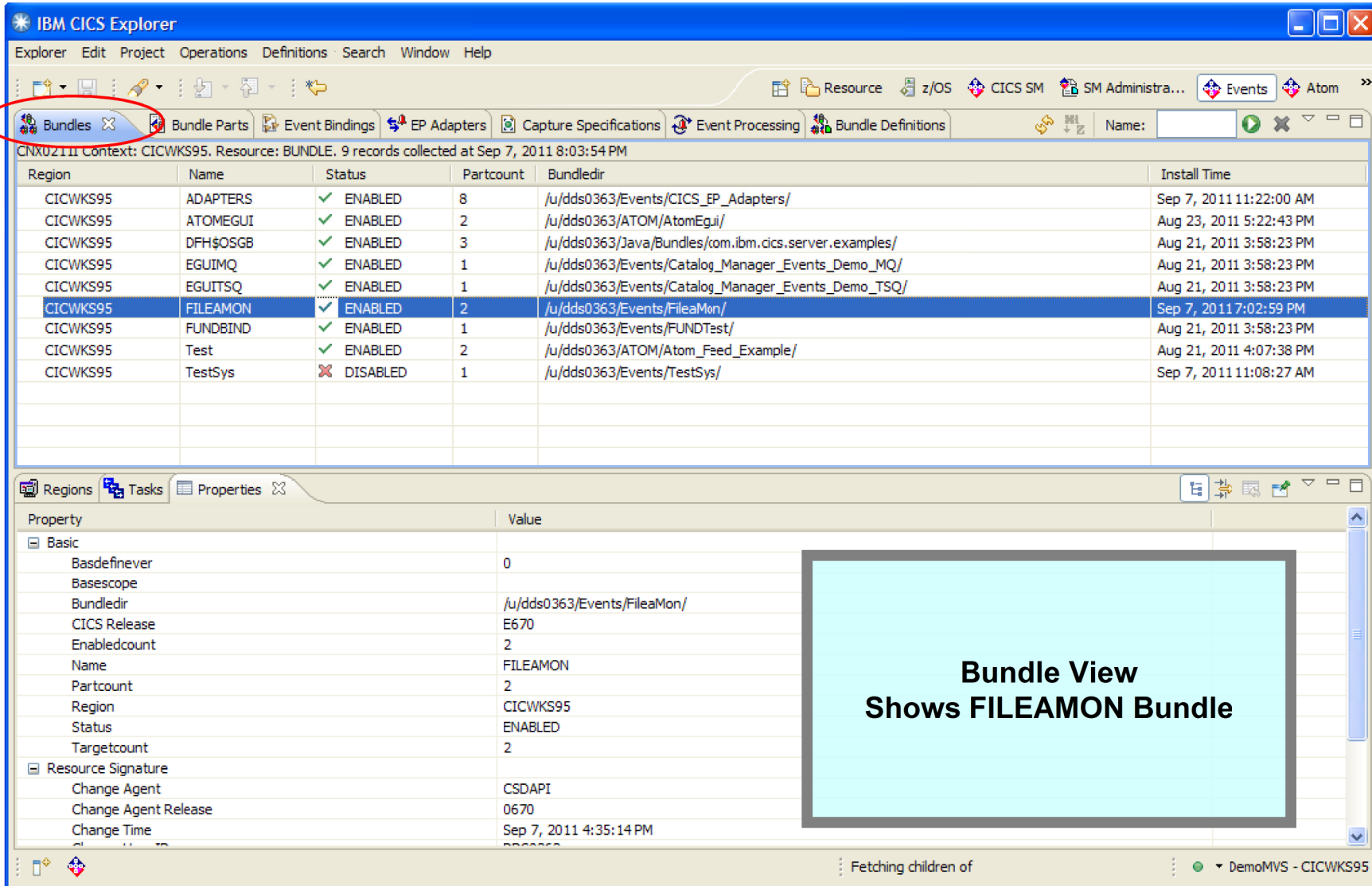
Regions Tasks Properties

Property	Value
Basic	
Bascope	
Bundle Directory	/u/dds0363/Events/FileaMon/
CSDGroup	TEST
Description	System Event to Monitor FILEA
Name	FILEAMON
Status	ENABLED
Userdata 1	N/A
Userdata 2	N/A

CNX0609I: Install of Bundle Definition "FILEAMON" from "CICWKS95" into "CICWKS95" succeeded

Fetching children of DemoMVS - CICWKS95

# System Events & EP Adapter – Bundle



The screenshot displays the IBM CICS Explorer interface. The top toolbar includes a 'Bundles' icon circled in red. Below the toolbar, a table lists bundles for region CICWKS95. The 'FILEAMON' bundle is highlighted in blue. Below the table, the 'Properties' view shows details for the selected bundle.

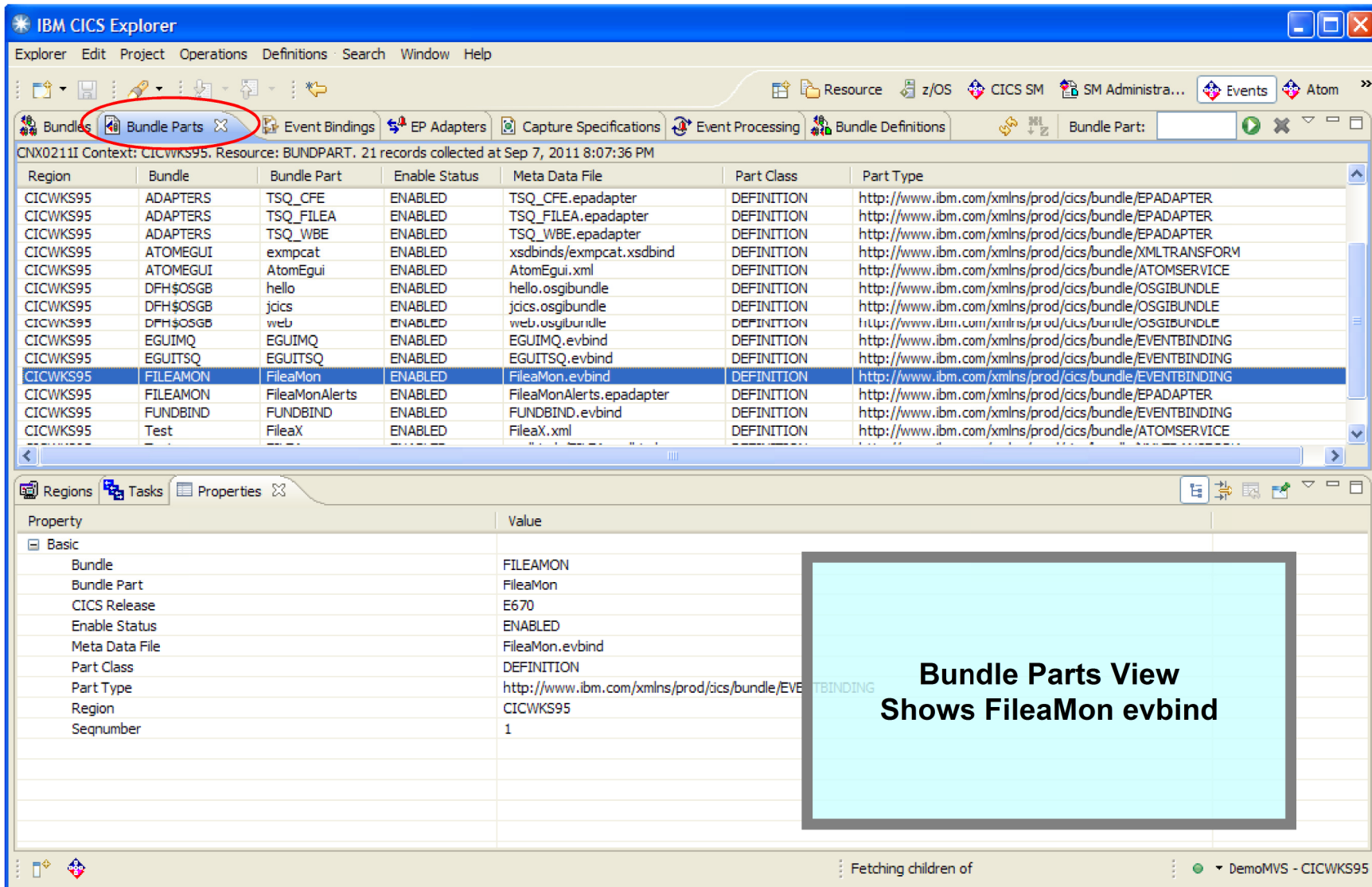
Region	Name	Status	Partcount	BundleDir	Install Time
CICWKS95	ADAPTERS	✓ ENABLED	8	/u/dds0363/Events/CICS_EP_Adapters/	Sep 7, 2011 11:22:00 AM
CICWKS95	ATOMGUI	✓ ENABLED	2	/u/dds0363/ATOM/AtomGui/	Aug 23, 2011 5:22:43 PM
CICWKS95	DFH\$OSGB	✓ ENABLED	3	/u/dds0363/Java/Bundles/com.ibm.cics.server.examples/	Aug 21, 2011 3:58:23 PM
CICWKS95	EGUIMQ	✓ ENABLED	1	/u/dds0363/Events/Catalog_Manager_Events_Demo_MQ/	Aug 21, 2011 3:58:23 PM
CICWKS95	EGUITSQ	✓ ENABLED	1	/u/dds0363/Events/Catalog_Manager_Events_Demo_TSQ/	Aug 21, 2011 3:58:23 PM
CICWKS95	FILEAMON	✓ ENABLED	2	/u/dds0363/Events/FileaMon/	Sep 7, 2011 7:02:59 PM
CICWKS95	FUNDBIND	✓ ENABLED	1	/u/dds0363/Events/FUNDTTest/	Aug 21, 2011 3:58:23 PM
CICWKS95	Test	✓ ENABLED	2	/u/dds0363/ATOM/Atom_Feed_Example/	Aug 21, 2011 4:07:38 PM
CICWKS95	TestSys	✗ DISABLED	1	/u/dds0363/Events/TestSys/	Sep 7, 2011 11:08:27 AM

Property	Value
Basic	
Basedefinever	0
Basescope	
BundleDir	/u/dds0363/Events/FileaMon/
CICS Release	E670
Enabledcount	2
Name	FILEAMON
Partcount	2
Region	CICWKS95
Status	ENABLED
Targetcount	2
Resource Signature	
Change Agent	CSDAPI
Change Agent Release	0670
Change Time	Sep 7, 2011 4:35:14 PM

**Bundle View Shows FILEAMON Bundle**

# System Events & EP Adapter – Bundle Parts



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

Bundle Parts

CNX0211I Context: CICWKS95. Resource: BUNDPART. 21 records collected at Sep 7, 2011 8:07:36 PM

Region	Bundle	Bundle Part	Enable Status	Meta Data File	Part Class	Part Type
CICWKS95	ADAPTERS	TSQ_CFE	ENABLED	TSQ_CFE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_FILEA	ENABLED	TSQ_FILEA.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_WBE	ENABLED	TSQ_WBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ATOMEGUI	exmpcat	ENABLED	xsdbinds/exmpcat.xsdbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM
CICWKS95	ATOMEGUI	AtomEgui	ENABLED	AtomEgui.xml	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE
CICWKS95	DFH\$OSGB	hello	ENABLED	hello.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	jcics	ENABLED	jcics.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	web	ENABLED	web.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	EGUIMQ	EGUIMQ	ENABLED	EGUIMQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	EGUITSQ	EGUITSQ	ENABLED	EGUITSQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMon	ENABLED	FileaMon.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMonAlerts	ENABLED	FileaMonAlerts.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	FUNDBIND	FUNDBIND	ENABLED	FUNDBIND.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	Test	FileaX	ENABLED	FileaX.xml	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE

Regions Tasks Properties

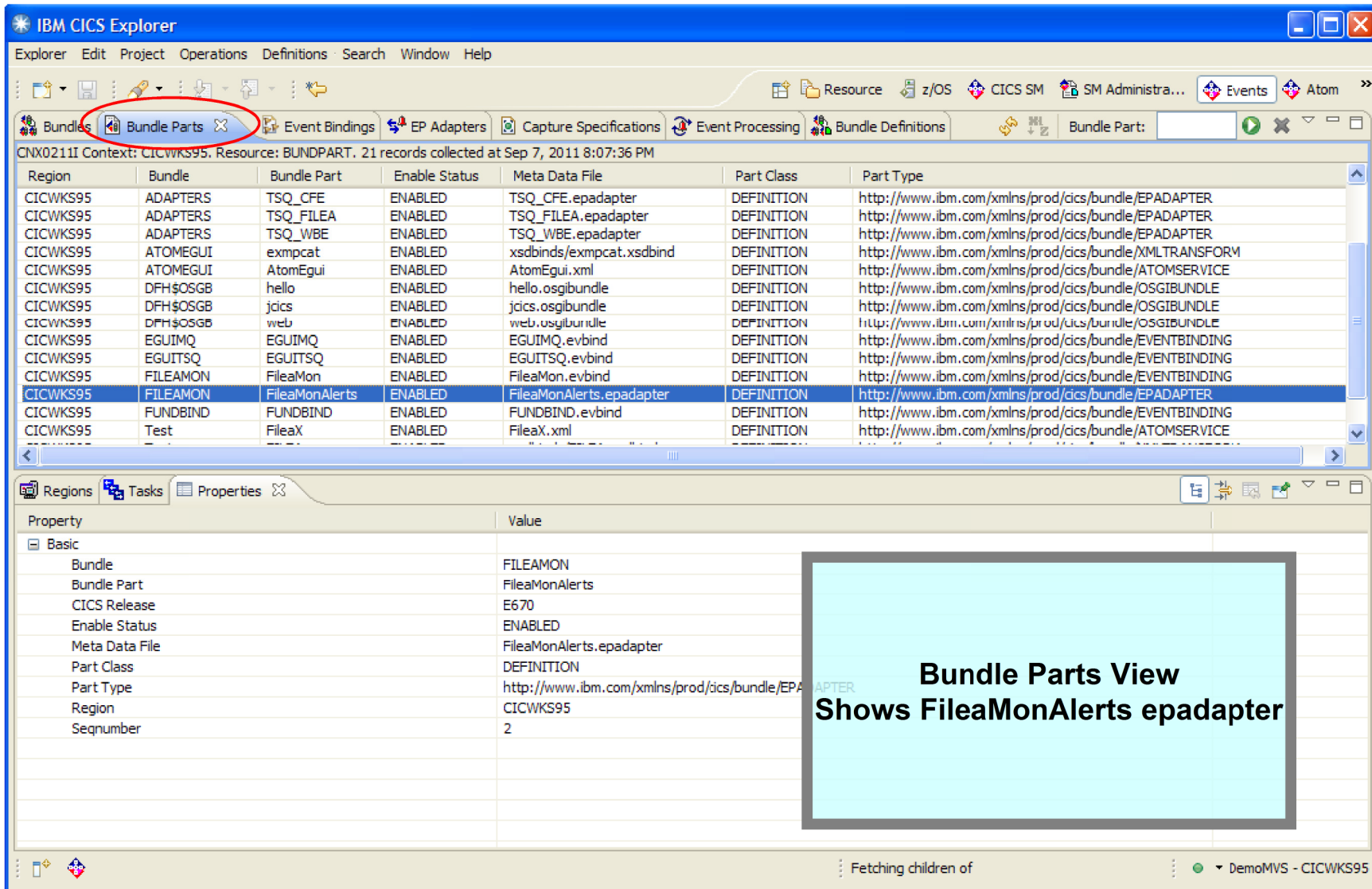
Property	Value
Basic	
Bundle	FILEAMON
Bundle Part	FileaMon
CICS Release	E670
Enable Status	ENABLED
Meta Data File	FileaMon.evbind
Part Class	DEFINITION
Part Type	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
Region	CICWKS95
Seqnumber	1

Bundle Parts View Shows FileaMon evbind

Fetching children of DemoMVS - CICWKS95



# System Events & EP Adapter – Bundle Parts



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

Bundle Parts Event Bindings EP Adapters Capture Specifications Event Processing Bundle Definitions Bundle Part:

CNX0211I Context: CICWKS95. Resource: BUNDPART. 21 records collected at Sep 7, 2011 8:07:36 PM

Region	Bundle	Bundle Part	Enable Status	Meta Data File	Part Class	Part Type
CICWKS95	ADAPTERS	TSQ_CFE	ENABLED	TSQ_CFE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_FILEA	ENABLED	TSQ_FILEA.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_WBE	ENABLED	TSQ_WBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ATOMEGUI	exmpcat	ENABLED	xsdbinds/exmpcat.xsdbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM
CICWKS95	ATOMEGUI	AtomEgui	ENABLED	AtomEgui.xml	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE
CICWKS95	DFH\$OSGB	hello	ENABLED	hello.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	jcics	ENABLED	jcics.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	web	ENABLED	web.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	EGUIMQ	EGUIMQ	ENABLED	EGUIMQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	EGUITSQ	EGUITSQ	ENABLED	EGUITSQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMon	ENABLED	FileaMon.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMonAlerts	ENABLED	FileaMonAlerts.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	FUNDBIND	FUNDBIND	ENABLED	FUNDBIND.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	Test	FileaX	ENABLED	FileaX.xml	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE

Regions Tasks Properties

Property	Value
Basic	
Bundle	FILEAMON
Bundle Part	FileaMonAlerts
CICS Release	E670
Enable Status	ENABLED
Meta Data File	FileaMonAlerts.epadapter
Part Class	DEFINITION
Part Type	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
Region	CICWKS95
Seqnumber	2

Bundle Parts View Shows FileaMonAlerts epadapter

Fetching children of DemoMVS - CICWKS95

# System Events & EP Adapter – Event Bindings



The screenshot displays the IBM CICS Explorer interface. The top menu bar includes Explorer, Edit, Project, Operations, Definitions, Search, Window, and Help. The toolbar contains icons for Resource, z/OS, CICS SM, SM Administra..., Events, and Atom. The main window shows the 'Event Bindings' view for resource 'EVNTBIND' in context 'CNX0211I'. The table below lists four event bindings, with 'FILEAMON' selected. The Properties view at the bottom shows details for the selected 'FILEAMON' binding, including its EP Adapter 'FileaMonAlerts'.

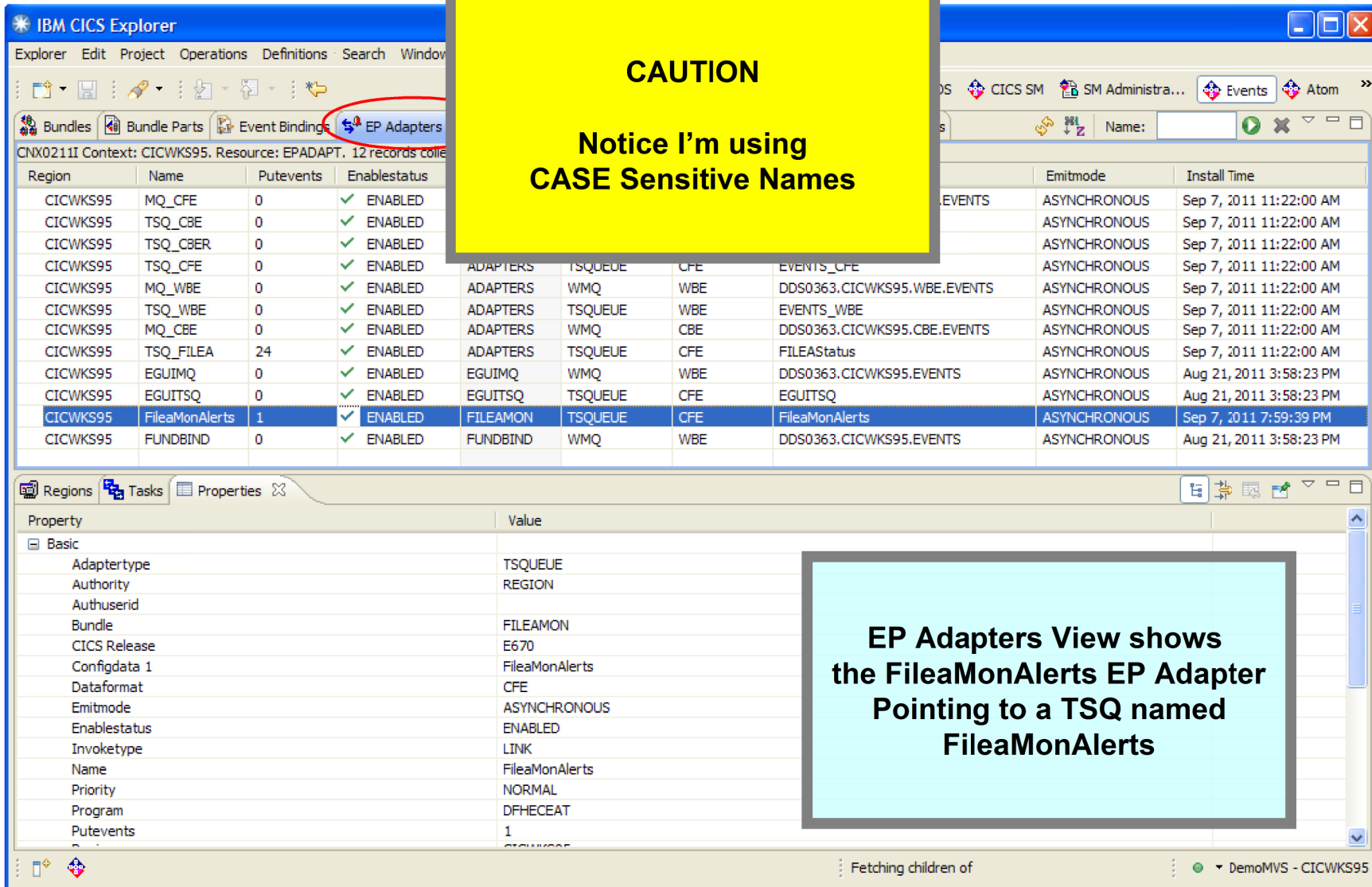
Region	Bundle	Name	EP Adapter	Status	Install Time
CICWKS95	EGUIMQ	EGUIMQ	EGUIMQ	✓ ENABLED	Aug 21, 2011 3:58:23 PM
CICWKS95	EGUITSQ	EGUITSQ	EGUITSQ	✓ ENABLED	Aug 21, 2011 3:58:23 PM
CICWKS95	FILEAMON	FileaMon	FileaMonAlerts	✓ ENABLED	Sep 7, 2011 7:59:39 PM
CICWKS95	FUNDBIND	FUNDBIND	FUNDBIND	✓ ENABLED	Aug 21, 2011 3:58:23 PM

Property	Value
Basic	
Bundle	FILEAMON
CICS Release	E670
EP Adapter	FileaMonAlerts
Name	FileaMon
Region	CICWKS95
Status	ENABLED
Usertag	v1
Resource Signature	
Change Agent	CSDAPI
Change Agent Release	0670
Change Time	Sep 7, 2011 4:35:14 PM
Change User ID	DDS0363
Define Source	FILEAMON
Define Time	Sep 7, 2011 4:35:14 PM

**Event Bindings View shows the FileaMon Event Binding Pointing to the FileaMonAlerts EP Adapter**

# System Events & EP Adapter – EP Adapters



**CAUTION**

Notice I'm using  
CASE Sensitive Names

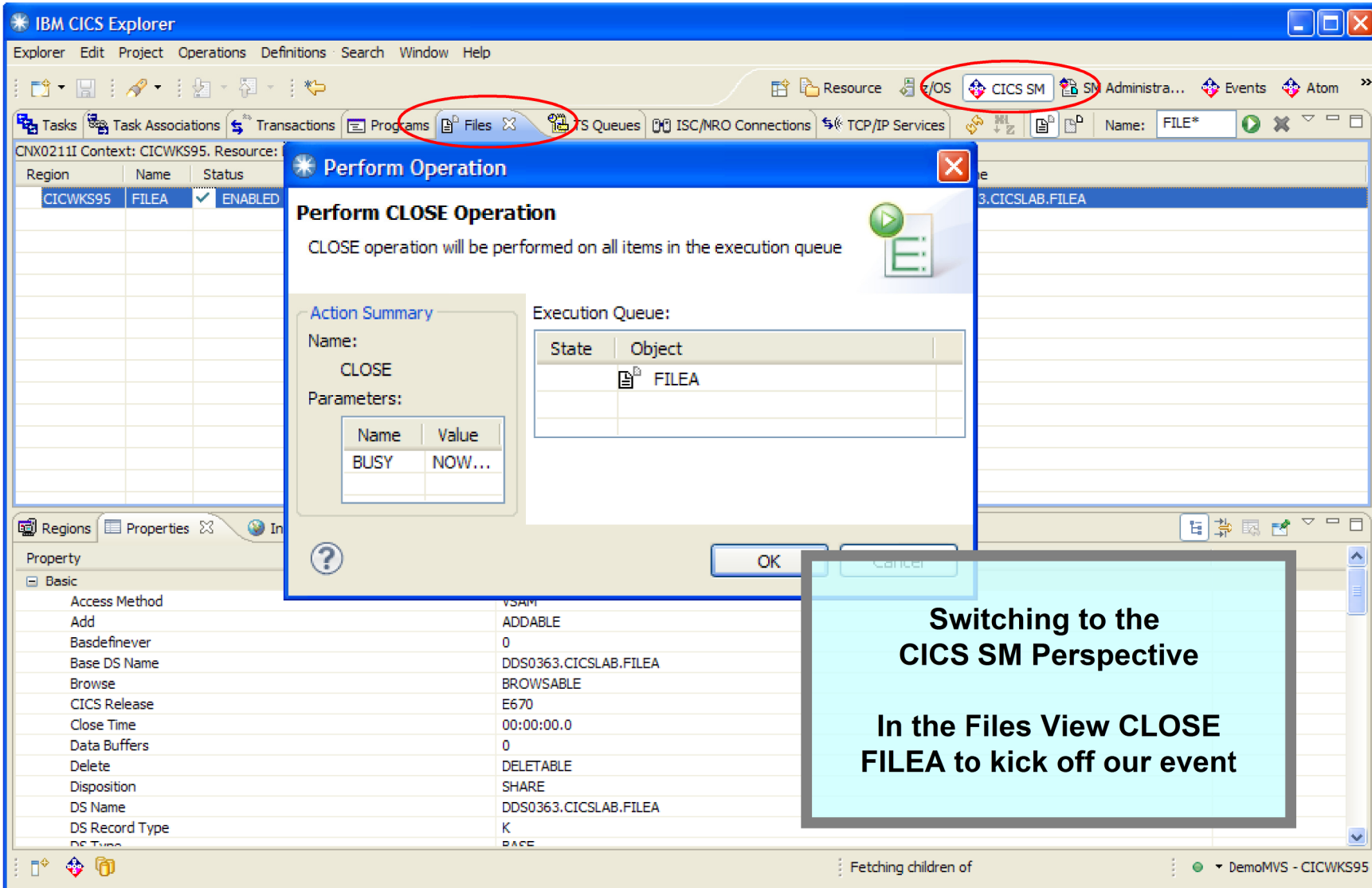
Region	Name	Putevents	Enablestatus	Adapters	TSQUEUE	CFE	EVENTS_CFE	Emitmode	Install Time
CICWKS95	MQ_CFE	0	✓ ENABLED					ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	TSQ_CBE	0	✓ ENABLED					ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	TSQ_CBER	0	✓ ENABLED					ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	TSQ_CFE	0	✓ ENABLED					ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	MQ_WBE	0	✓ ENABLED	ADAPTERS	WMQ	WBE	DDS0363.CICWKS95.WBE.EVENTS	ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	TSQ_WBE	0	✓ ENABLED	ADAPTERS	TSQUEUE	WBE	EVENTS_WBE	ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	MQ_CBE	0	✓ ENABLED	ADAPTERS	WMQ	CBE	DDS0363.CICWKS95.CBE.EVENTS	ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	TSQ_FILEA	24	✓ ENABLED	ADAPTERS	TSQUEUE	CFE	FILEASatus	ASYNCHRONOUS	Sep 7, 2011 11:22:00 AM
CICWKS95	EGUIMQ	0	✓ ENABLED	EGUIMQ	WMQ	WBE	DDS0363.CICWKS95.EVENTS	ASYNCHRONOUS	Aug 21, 2011 3:58:23 PM
CICWKS95	EGUITSQ	0	✓ ENABLED	EGUITSQ	TSQUEUE	CFE	EGUITSQ	ASYNCHRONOUS	Aug 21, 2011 3:58:23 PM
CICWKS95	FileaMonAlerts	1	✓ ENABLED	FILEAMON	TSQUEUE	CFE	FileaMonAlerts	ASYNCHRONOUS	Sep 7, 2011 7:59:39 PM
CICWKS95	FUNDBIND	0	✓ ENABLED	FUNDBIND	WMQ	WBE	DDS0363.CICWKS95.EVENTS	ASYNCHRONOUS	Aug 21, 2011 3:58:23 PM

Property	Value
Basic	
Adaptertype	TSQUEUE
Authority	REGION
Authuserid	
Bundle	FILEAMON
CICS Release	E670
Configdata 1	FileaMonAlerts
Dataformat	CFE
Emitmode	ASYNCHRONOUS
Enablestatus	ENABLED
Invoketype	LINK
Name	FileaMonAlerts
Priority	NORMAL
Program	DFHECEAT
Putevents	1

**EP Adapters View shows the FileaMonAlerts EP Adapter Pointing to a TSQ named FileaMonAlerts**

# System Events & EP Adapter Example

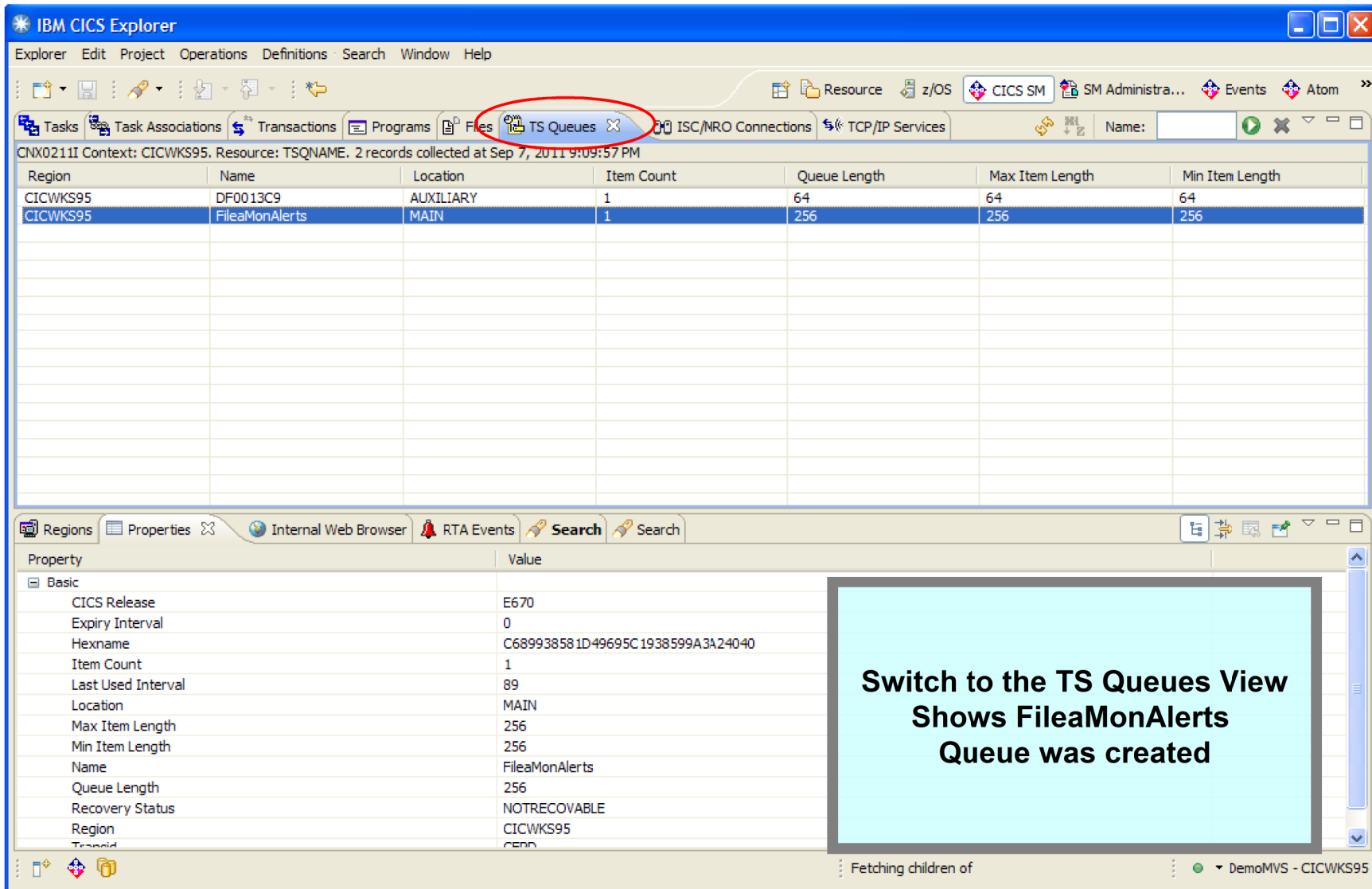


The screenshot shows the IBM CICS Explorer interface. The 'Files' view is selected in the top toolbar, and the 'CICS SM' perspective is active. A 'Perform Operation' dialog box is open, showing the 'Perform CLOSE Operation' for the 'FILEA' object. The 'Action Summary' section shows the operation name as 'CLOSE' and the parameters as 'BUSY' and 'NOW...'. The 'Execution Queue' section shows the object 'FILEA'. A text box in the foreground explains the purpose of the operation.

**Switching to the CICS SM Perspective**

**In the Files View CLOSE FILEA to kick off our event**

# System Events & EP Adapter Example



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

Tasks Task Associations Transactions Programs Files **TS Queues** ISC/MRO Connections TCP/IP Services

CNX0211I Context: CICWKS95. Resource: TSQNAME. 2 records collected at Sep 7, 2011 9:09:57 PM

Region	Name	Location	Item Count	Queue Length	Max Item Length	Min Item Length
CICWKS95	DF0013C9	AUXILIARY	1	64	64	64
CICWKS95	FileaMonAlerts	MAIN	1	256	256	256

Regions Properties Internal Web Browser RTA Events Search Search

Property	Value
Basic	
CICS Release	E670
Expiry Interval	0
Hexname	C689938581D49695C1938599A3A24040
Item Count	1
Last Used Interval	89
Location	MAIN
Max Item Length	256
Min Item Length	256
Name	FileaMonAlerts
Queue Length	256
Recovery Status	NOTRECOVERABLE
Region	CICWKS95
Traceid	CPD

Fetching children of DemoMVS - CICWKS95

Switch to the TS Queues View Shows FileaMonAlerts Queue was created

# System Events & EP Adapter Example Results



```
CICSTST
File Edit View Communication Actions Window Help
*****
CEBR TSQ FileaMonAlerts SYSID KS01 REC 1 OF 1 COL 1 OF 244
ENTER COMMAND ==> col 181_
***** TOP OF QUEUE *****
00001 EPFE0002FileaMon v1 Filea_Status
***** BOTTOM OF QUEUE *****

PF1 : HELP          PF2 : SWITCH HEX/CHAR    PF3 : TERMINATE BROWSE
PF4 : VIEW TOP      PF5 : VIEW BOTTOM        PF6 : REPEAT LAST FIND
PF7 : SCROLL BACK HALF PF8 : SCROLL FORWARD HALF PF9 : VIEW LEFT
PF10: SCROLL BACK FULL PF11: SCROLL FORWARD FULL PF12: UNDEFINED

MA b 02/029
Connected to remote server/host demomvs.demopkg.ibm.com using lu/pool TCP00089 and port 23
```

**Browsing FileaMonAlerts Shows our System Event in CFE Format**

# System Events & EP Adapter Example Results



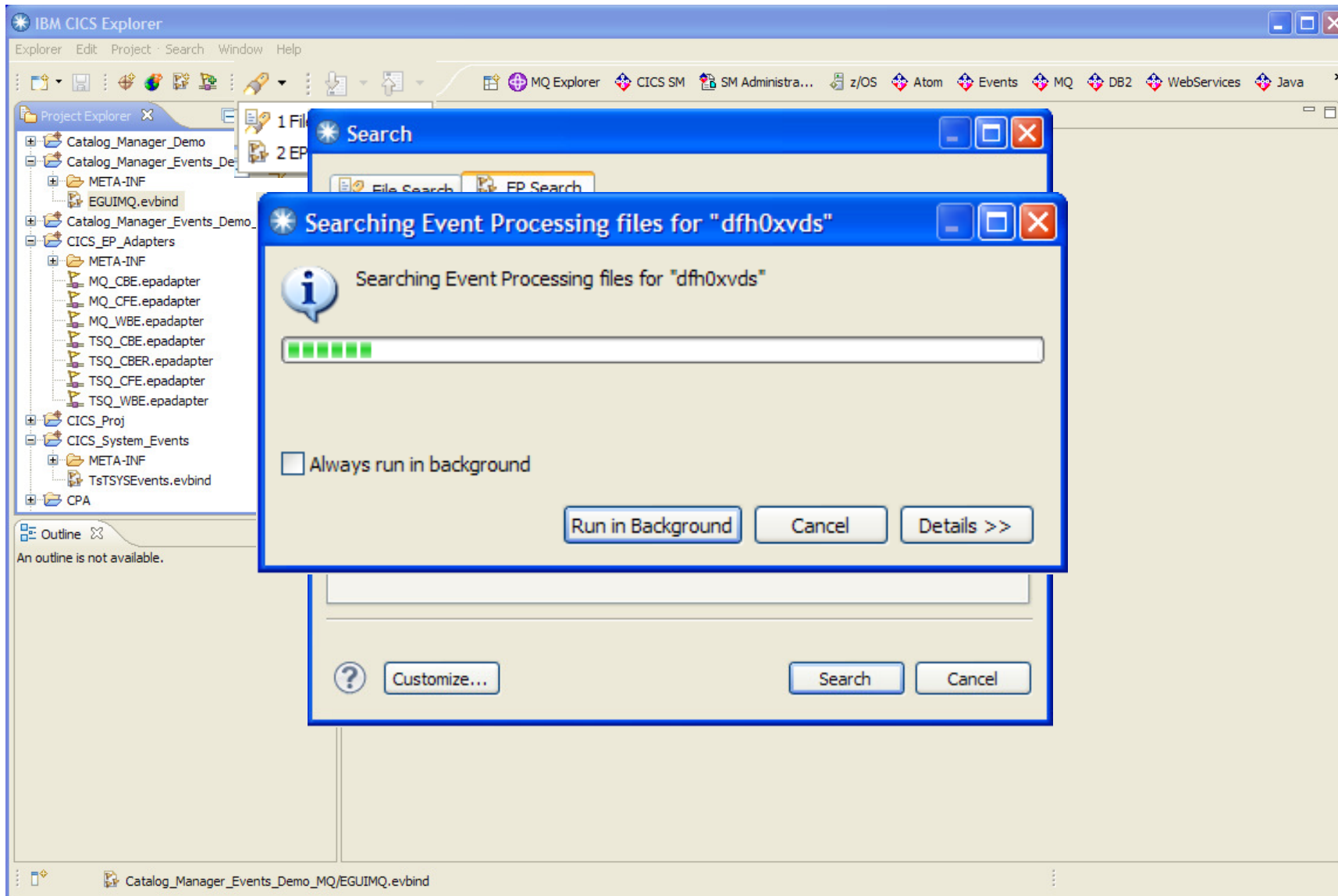
```
CICSTST
File Edit View Communication Actions Window Help
CEBR TSQ FileMonAlerts SYSID KS01 REC 1 OF 1 COL 181 OF 244
ENTER COMMAND ==> _
***** TOP OF QUEUE *****
00001 Closed OPEN
***** BOTTOM OF QUEUE *****

PF1 : HELP          PF2 : SWITCH HEX/CHAR    PF3 : TERMINATE BROWSE
PF4 : VIEW TOP      PF5 : VIEW BOTTOM        PF6 : REPEAT LAST FIND
PF7 : SCROLL BACK HALF PF8 : SCROLL FORWARD HALF PF9 : VIEW LEFT
PF10: SCROLL BACK FULL PF11: SCROLL FORWARD FULL PF12: UNDEFINED

Mâ b 02/022
Connected to remote server/host demomvs.demopkg.ibm.com using lu/pool TCP00089 and port 23
```

Scrolling right to Column 181 Shows our Information Sources

# EP Search





# EP Search



The screenshot displays the IBM CICS Explorer interface. The top menu bar includes Explorer, Edit, Project, Search, Window, and Help. The toolbar contains icons for various tools: MQ Explorer, CICS SM, SM Administra..., z/OS, Atom, Events, MQ, DB2, WebServices, and Java. The Project Explorer on the left shows a tree structure with folders like Catalog\_Manager\_Demo, Catalog\_Manager\_Events\_Demo\_MQ, and CICS\_EP\_Adapters. The Search window at the bottom right is titled "Searching Event Processing files for 'dfh0xvds' results" and lists several project folders: Catalog\_Manager\_Demo, Catalog\_Manager\_Events\_Demo\_MQ, Catalog\_Manager\_Events\_Demo\_TSQ, EGUI\_Demo, My Catalog Sample, RedBook\_EPRED2, and TestEvt. The Outline window at the bottom left shows the message "An outline is not available."

# EP Search



The screenshot displays the IBM CICS Explorer interface. The top menu bar includes Explorer, Edit, Project, Search, Window, and Help. The Project Explorer on the left shows a tree view of project components, including Catalog\_Manager\_Demo, Catalog\_Manager\_Events\_Demo\_MQ, Catalog\_Manager\_Events\_Demo\_TSQ, CICS\_EP\_Adapters, CICS\_Proj, CICS\_System\_Events, and CPA. The main workspace is titled 'EGUI\_Demo\_Binding.evbind' and shows 'Specifications' for 'EGUI\_Demo\_Event\_Binding' and 'EGUI\_Demo\_Cap\_Spec'. The 'Filtering' tab is active, showing 'Application Event: REWRITE' and a table for context predicates:

Context	Operator	Value
Transaction ID	All	
Current Program	Equals	DFH0XVDS
User ID	All	
Response Code	Equals	Ok

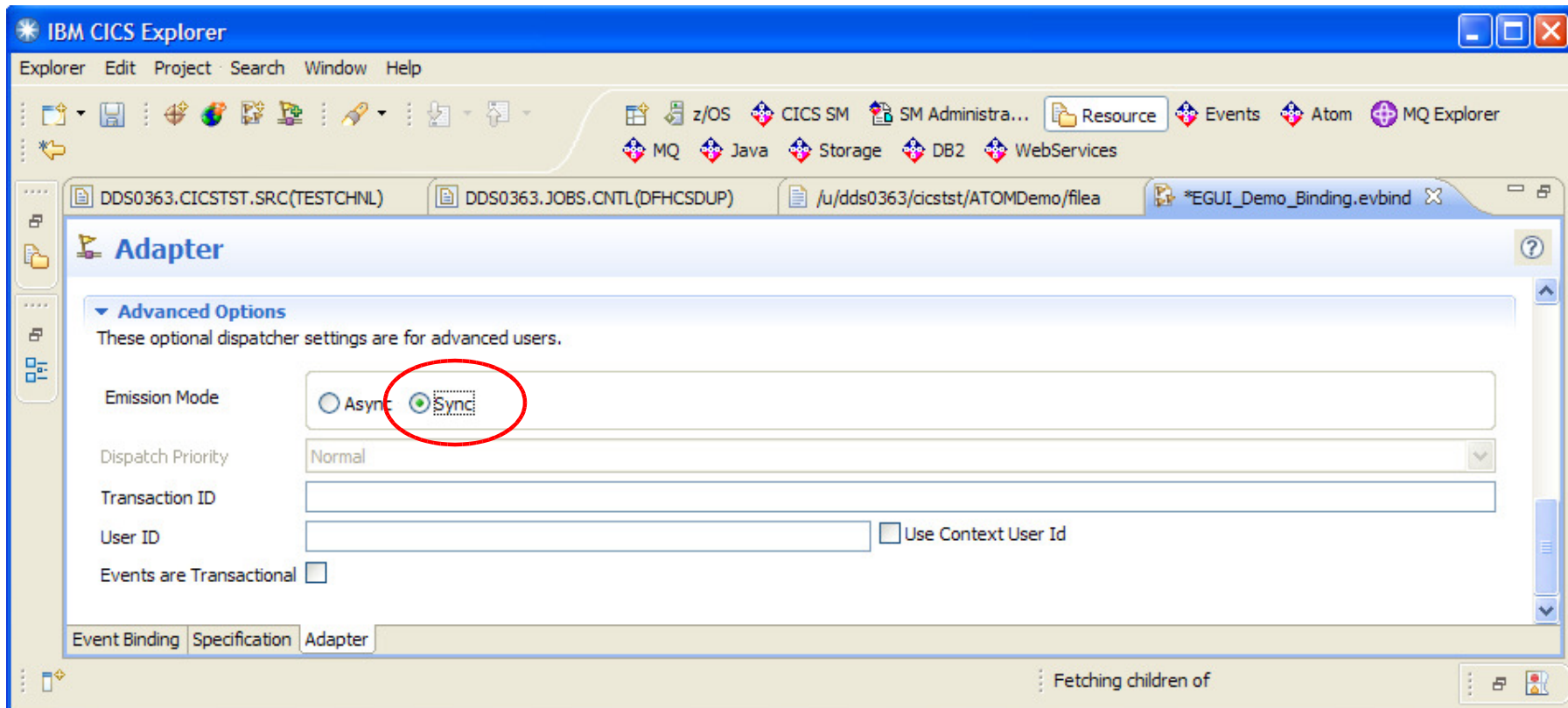
Below the table, the 'Event Options' section is visible. At the bottom, the Search window shows 'Searching Event Processing files for "dfh0xvds" results' and a tree view of search results, with 'Context' highlighted under 'EGUI\_Demo\_Cap\_Spec'.

## EP Emission Mode Selection

- New Synchronous emission mode option on the EP adapter
  - When Synchronous emission is used event emission is assured
  - Causes events to be formatted and emitted as part of the capturing UOW
  - If the event fails to be emitted the capturing UOW will be backed out at syncpoint and its transaction is abended with ASP7

# EP Emission Mode Selection

- You can assure emission of an event by using an EP adapter with synchronous emission mode and the appropriate transaction mode



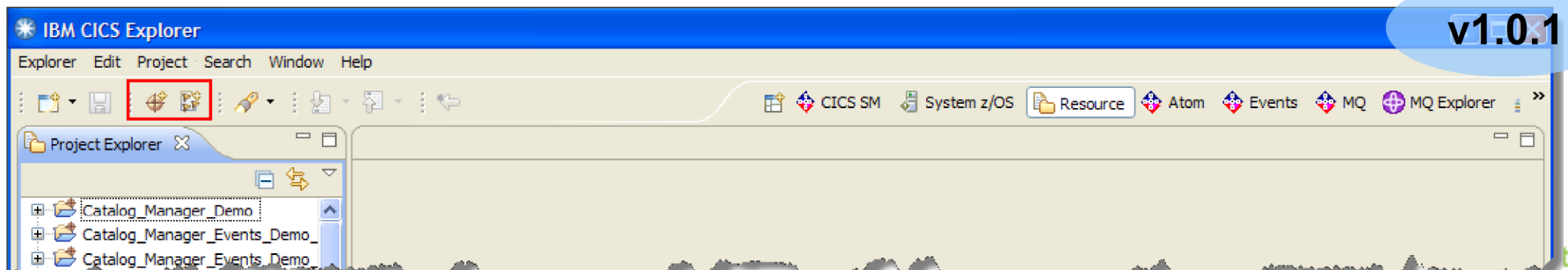
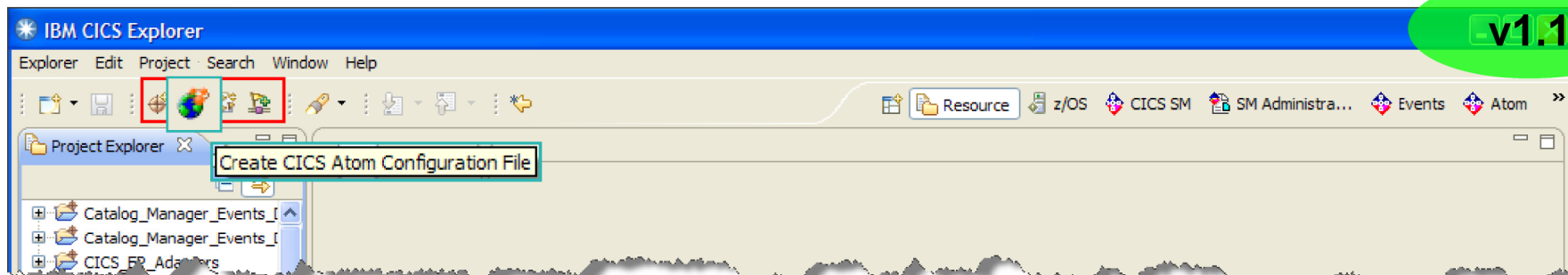
The screenshot shows the IBM CICS Explorer interface. The main window displays the configuration for an Adapter. Under the 'Advanced Options' section, the 'Emission Mode' is set to 'Sync', which is highlighted with a red circle. Other options include 'Dispatch Priority' (Normal), 'Transaction ID', 'User ID', and 'Events are Transactional' (unchecked). The bottom of the window shows the status 'Fetching children of'.

## Event Bindings Created with v1.1

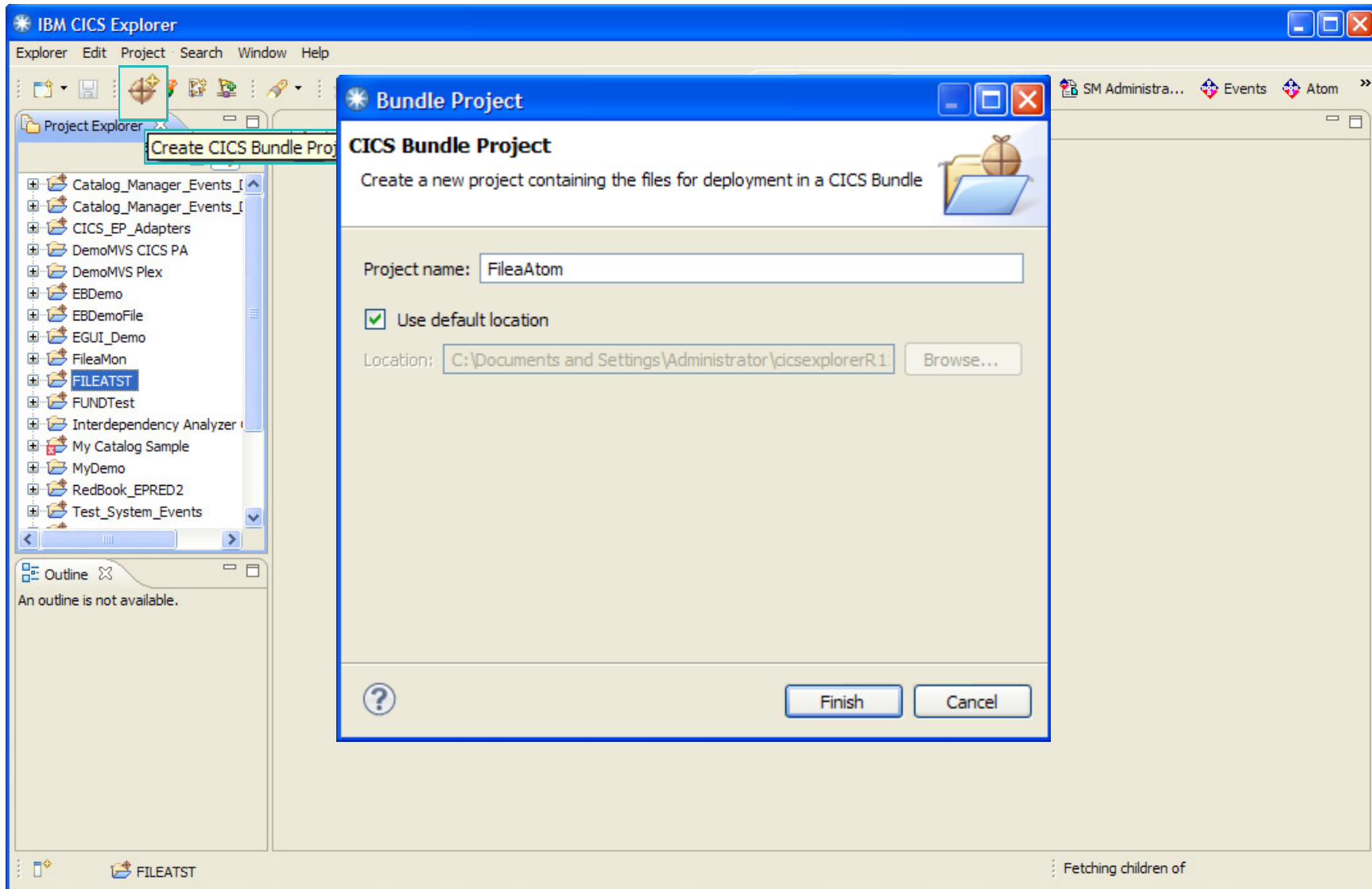
- If you create an event binding using CICS Explorer version 1.1.0, you must not modify the event binding using an earlier version of CICS Explorer
- Modifying the event binding with an earlier version of CICS Explorer might result in loss of data
- You can however modify an event binding that was created on an earlier version of CICS Explorer, with a later version of CICS Explorer

# Atom

- **New Wizard buttons in the Resource Perspective**
  - Atom Configuration File
  - EP Adapter Configuration

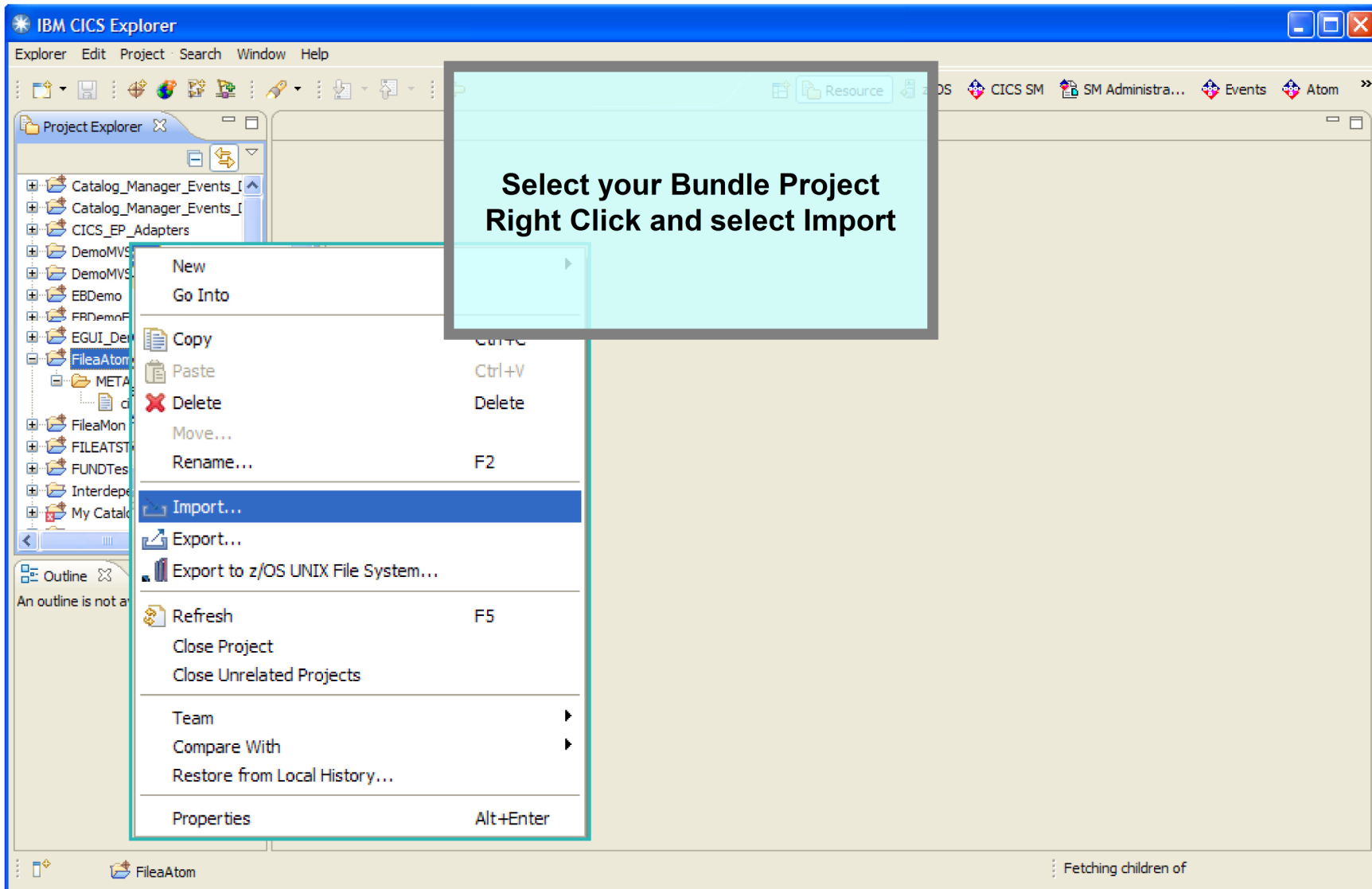


# XML Transform Binding via CICS Explorer



The screenshot displays the IBM CICS Explorer interface. A 'Bundle Project' dialog box is open, titled 'CICS Bundle Project'. The dialog prompts the user to 'Create a new project containing the files for deployment in a CICS Bundle'. The 'Project name' field is filled with 'FileaAtom'. The 'Use default location' checkbox is checked. The 'Location' field shows the path 'C:\Documents and Settings\Administrator\cicsexplorerR1', with a 'Browse...' button next to it. At the bottom of the dialog are 'Finish' and 'Cancel' buttons. In the background, the CICS Explorer window shows a project tree with 'FILEATST' selected. The status bar at the bottom of the Explorer window indicates 'Fetching children of'.

# XML Transform Binding via CICS Explorer





# XML Transform Binding via OGG Explorer



The screenshot shows the IBM CICS Explorer interface with the 'Import' dialog box open. The dialog box has a title bar with 'Import' and standard window controls. Below the title bar, the text reads 'Select' and 'Import a source language file to create xsdbind resources in a CICS Bundle project'. A search filter box contains 'type filter text'. The main area is a tree view showing the following structure:

- General
  - Archive File
  - Existing Projects into Workspace
  - File System
  - Import XML Transform Source**
  - Preferences
- CVS
- Run/Debug
- Team

At the bottom of the dialog, there are four buttons: '?', '< Back', 'Next >', and 'Finish'. The 'Next >' button is highlighted with a red rectangular box. The background shows the IBM CICS Explorer workspace with a Project Explorer on the left and an Outline pane at the bottom. The Project Explorer shows a tree of projects including 'FileaAtom', 'FileaMon', 'FILEATST', 'FUNDTest', 'Interdependency Analyzer', and 'My Catalog Sample'. The Outline pane displays the message 'An outline is not available.' The status bar at the bottom of the Explorer shows 'FileaAtom' and 'Fetching children of'.

# XML Transform



**File Import Wizard**

**Import XML Transform Source**

Import a source language file to create xsdbind resources in a CICS Bundle project

Select File:  **Browse...**

Enter or select the parent folder:

FileaAtom

- FILEATST
- FUNDTTest
- FileaAtom
- FileaMon
- Interdependency Analyzer Queries
- My Catalog Sample
- MyDemo
- RedBook\_EPRED2
- TestEvtnt
- TestSys
- Test\_System\_Ever
- zAtomEgui
- zServerMVS PA Data

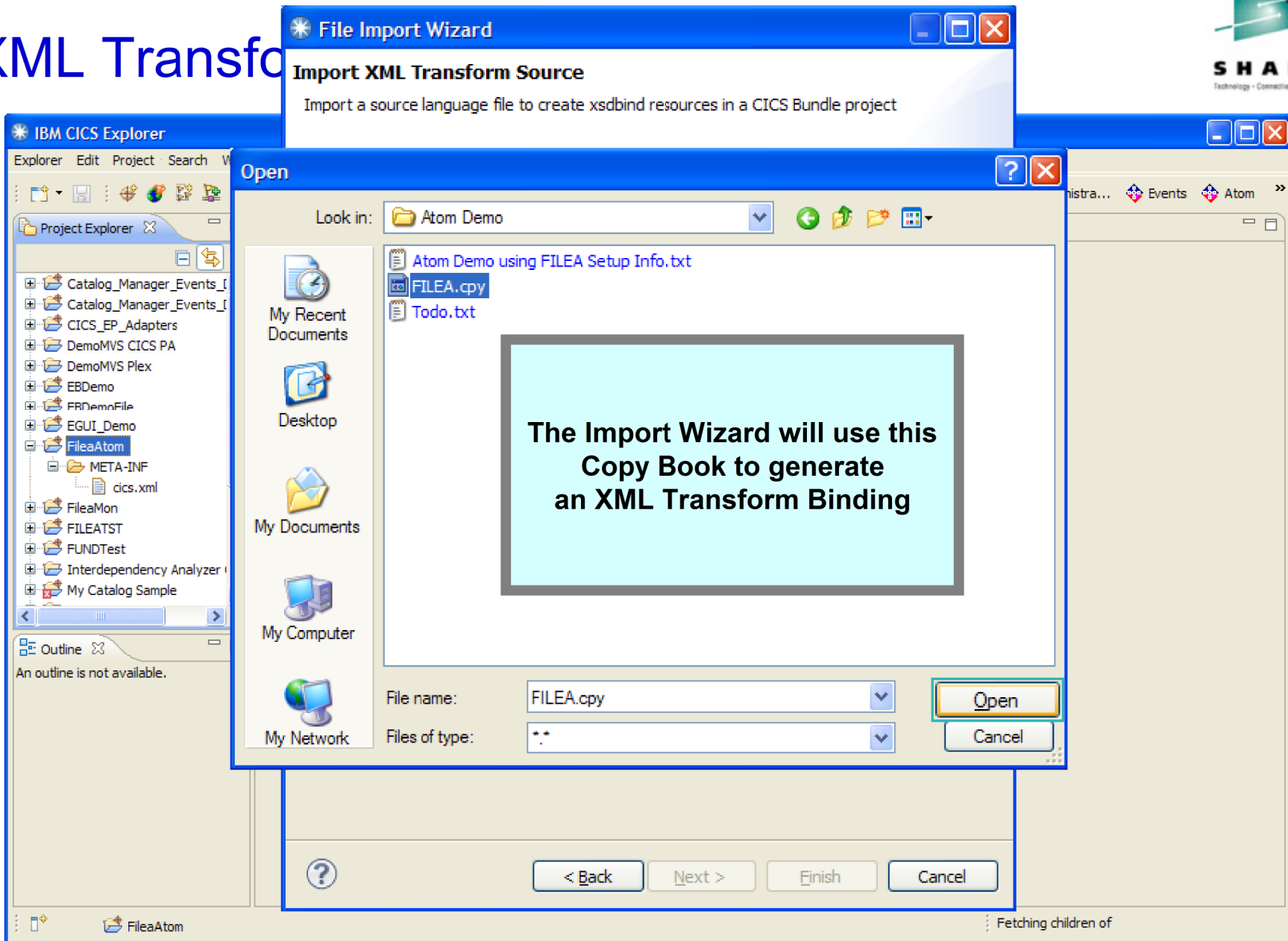
XML Transform source name in bundle:

Mapping Level: 3.0

< Back   Next >   Finish   Cancel

Fetching children of

# XML Transform

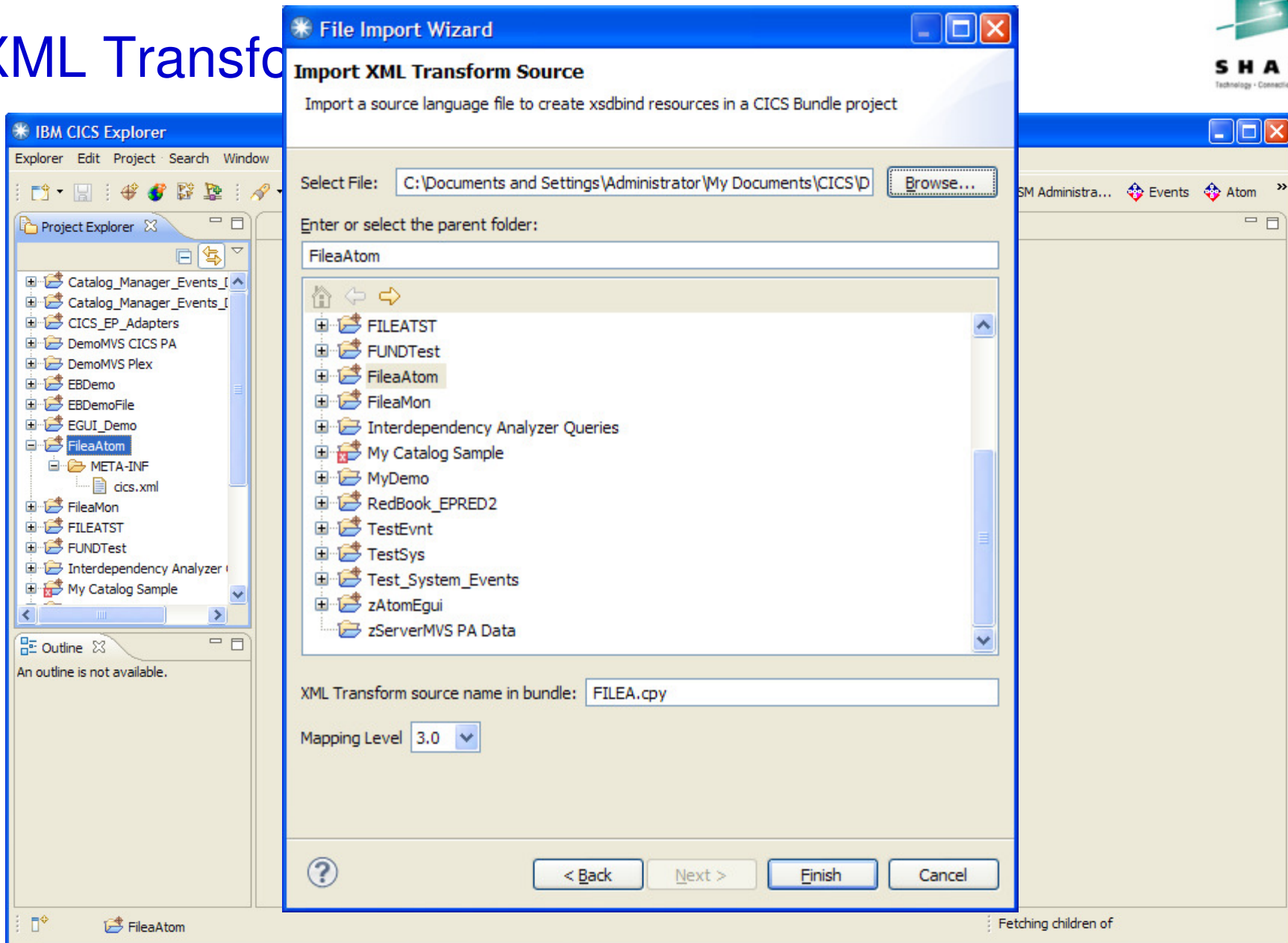


The screenshot displays the IBM CICS Explorer interface with the File Import Wizard and an Open dialog box overlaid. The File Import Wizard window is titled "File Import Wizard" and "Import XML Transform Source". It contains the text: "Import a source language file to create xsdbind resources in a CICS Bundle project".

The Open dialog box is titled "Open" and shows the "Look in:" field set to "Atom Demo". The file list includes "Atom Demo using FILEA Setup Info.txt", "FILEA.cpy", and "Todo.txt". A large text box in the center of the dialog reads: "The Import Wizard will use this Copy Book to generate an XML Transform Binding". The "File name:" field is set to "FILEA.cpy" and the "Files of type:" field is set to "\*.\*". The "Open" button is highlighted with a red box.

The IBM CICS Explorer interface shows a Project Explorer on the left with a tree view of projects including "Catalog\_Manager\_Events...", "CICS\_EP\_Adapters", "DemoMVS CICS PA", "DemoMVS Plex", "EBDemo", "FRDemoFile", "EGUI\_Demo", "FileaAtom", "META-INF", "FileaMon", "FILEATST", "FUNDTest", "Interdependency Analyzer", and "My Catalog Sample". The "FileaAtom" project is selected. The Outline pane at the bottom left shows "An outline is not available."

# XML Transform



**File Import Wizard**

**Import XML Transform Source**

Import a source language file to create xsdbind resources in a CICS Bundle project

Select File:

Enter or select the parent folder:

- FILEATST
- FUNDTTest
- FileaAtom**
- FileaMon
- Interdependency Analyzer Queries
- My Catalog Sample
- MyDemo
- RedBook\_EPRED2
- TestEvtnt
- TestSys
- Test\_System\_Events
- zAtomEgui
- zServerMVS PA Data

XML Transform source name in bundle:

Mapping Level:

IBM CICS Explorer

Project Explorer

- Catalog\_Manager\_Events\_I
- Catalog\_Manager\_Events\_I
- CICS\_EP\_Adapters
- DemoMVS CICS PA
- DemoMVS Plex
- EBDemo
- EBDemoFile
- EGUI\_Demo
- FileaAtom**
- META-INF
- cics.xml
- FileaMon
- FILEATST
- FUNDTTest
- Interdependency Analyzer
- My Catalog Sample

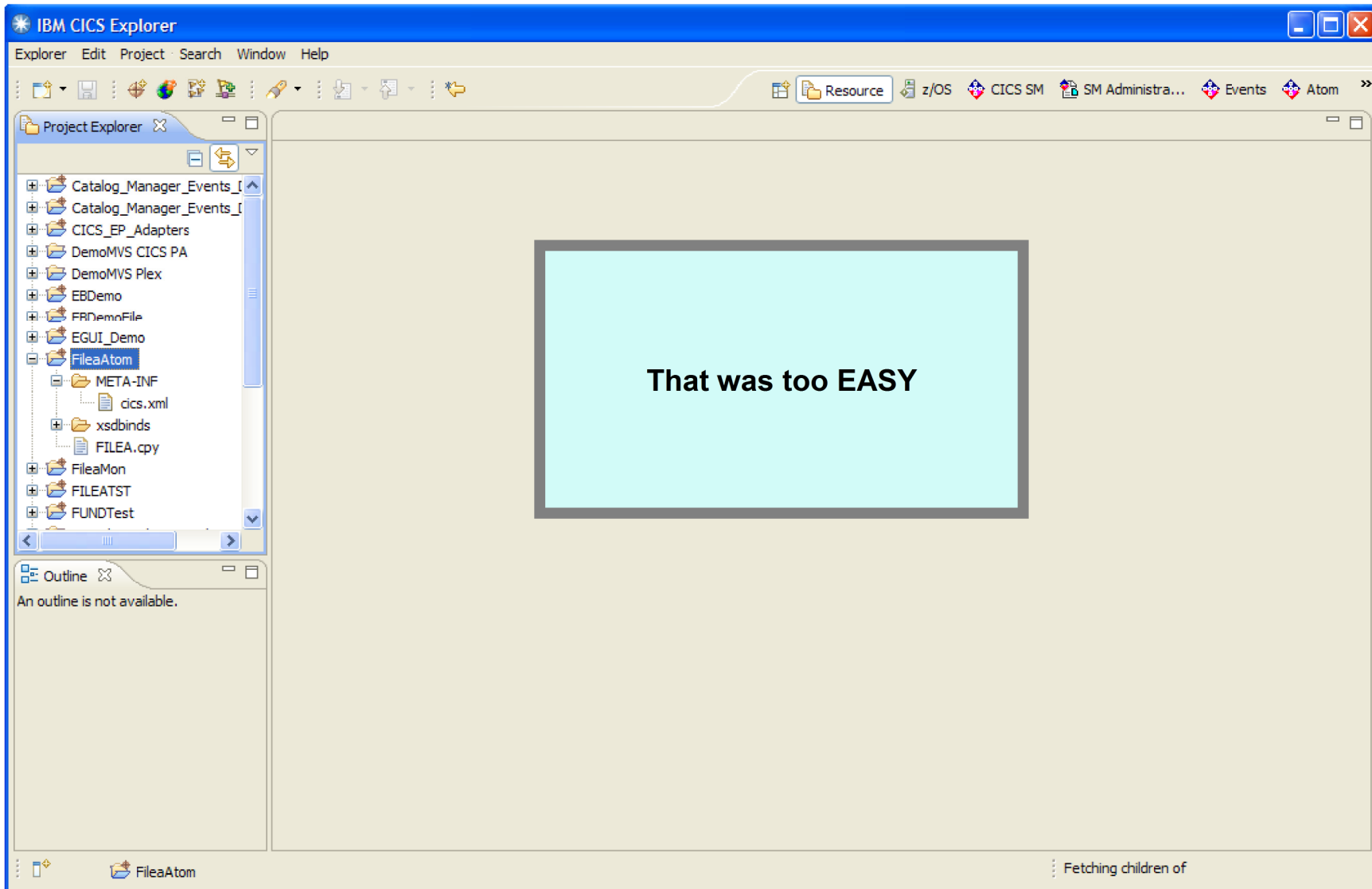
Outline

An outline is not available.

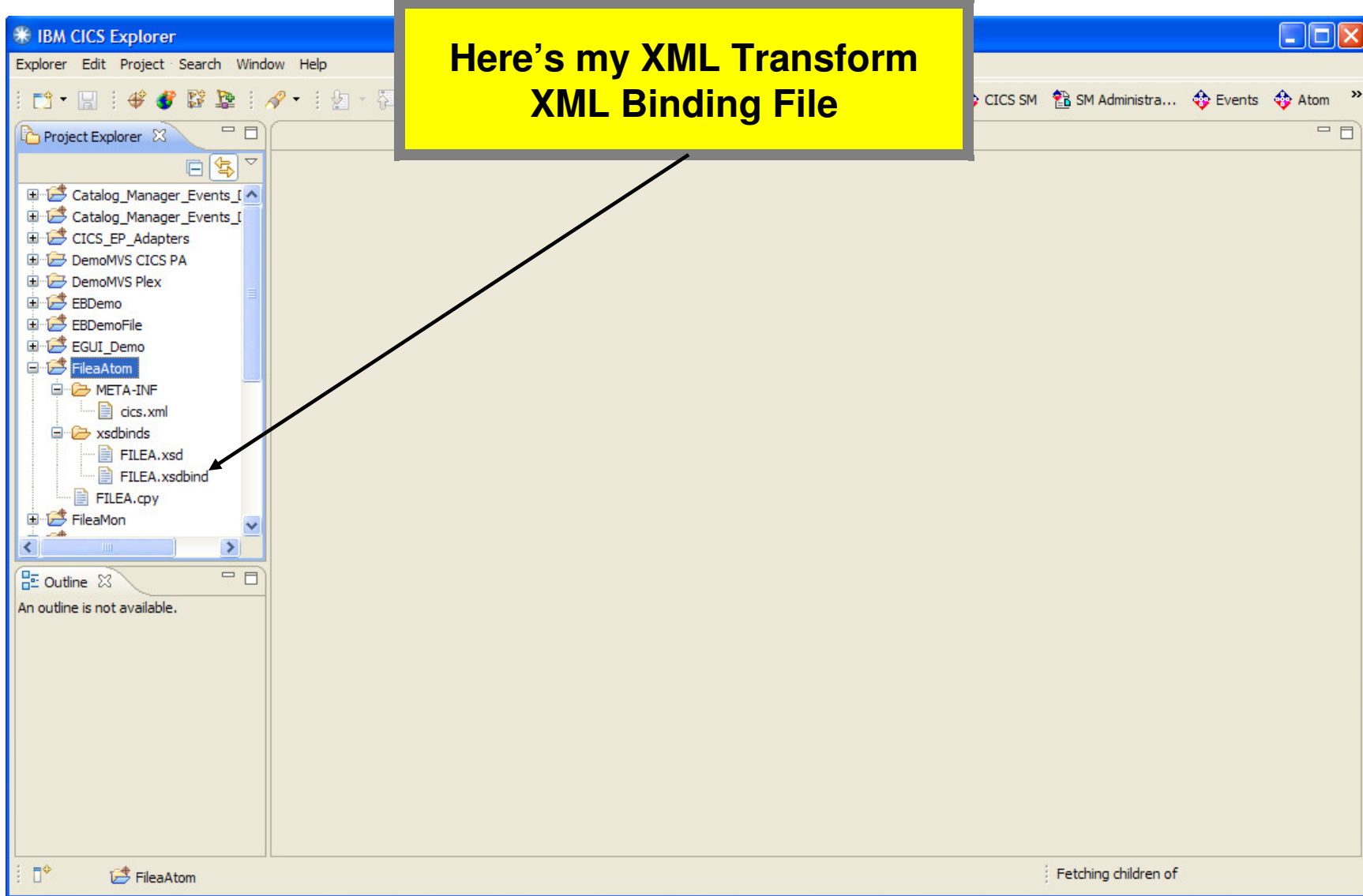
FileaAtom

Fetching children of

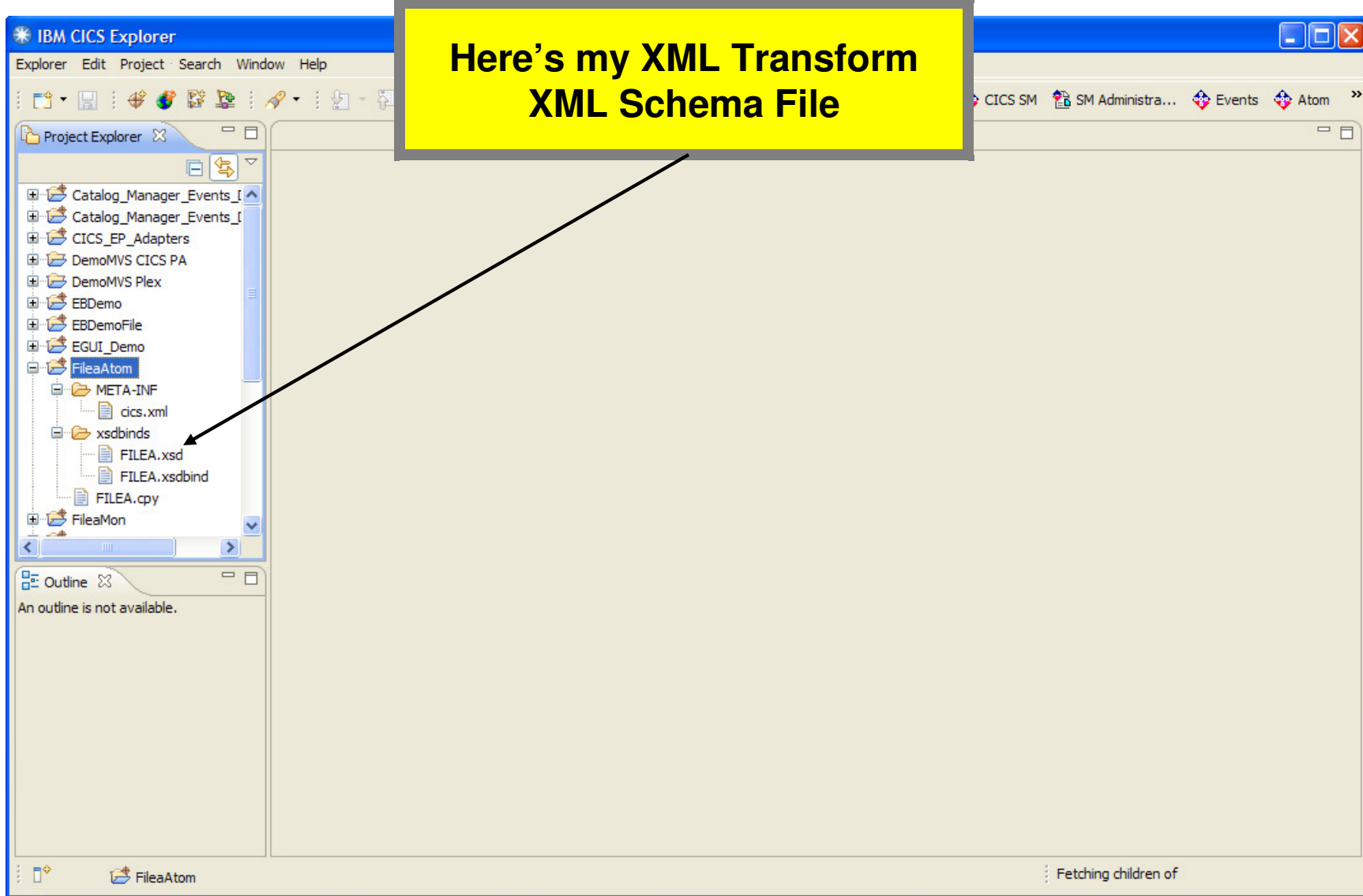
# XML Transform Binding via CICS Explorer



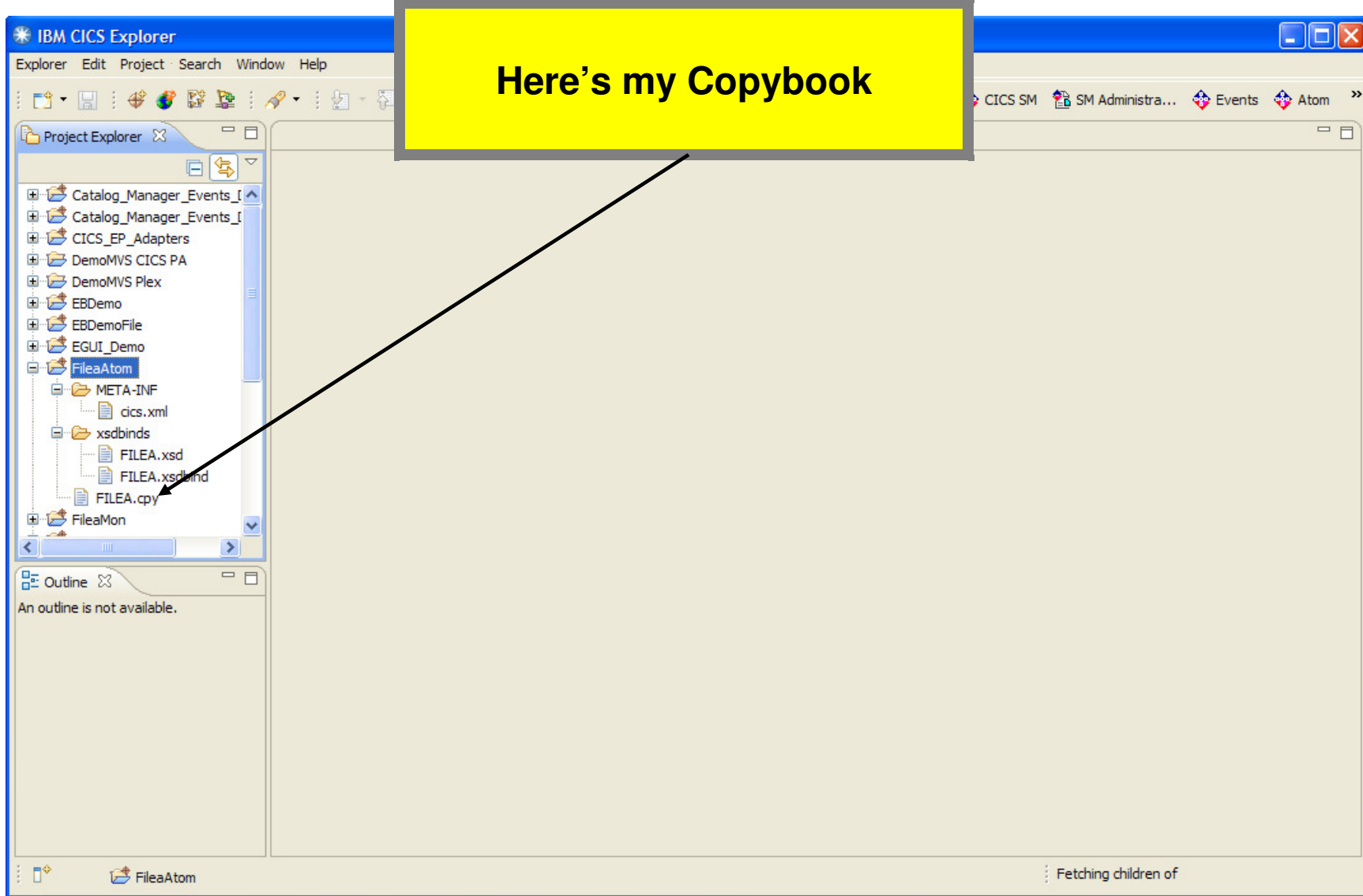
# XML Transform Binding via CICS Explorer



# XML Transform Binding via CICS Explorer

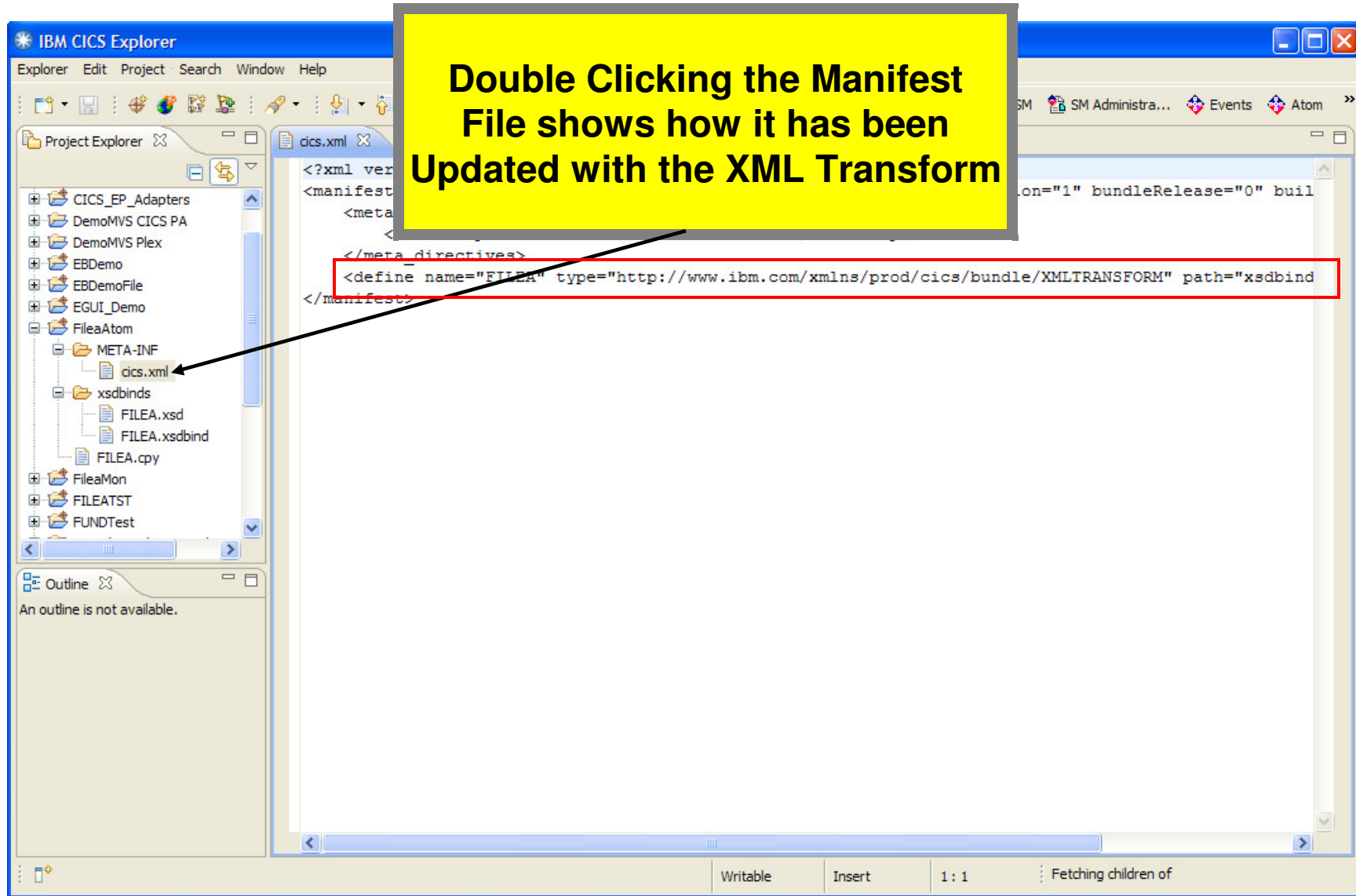


# XML Transform Binding via CICS Explorer



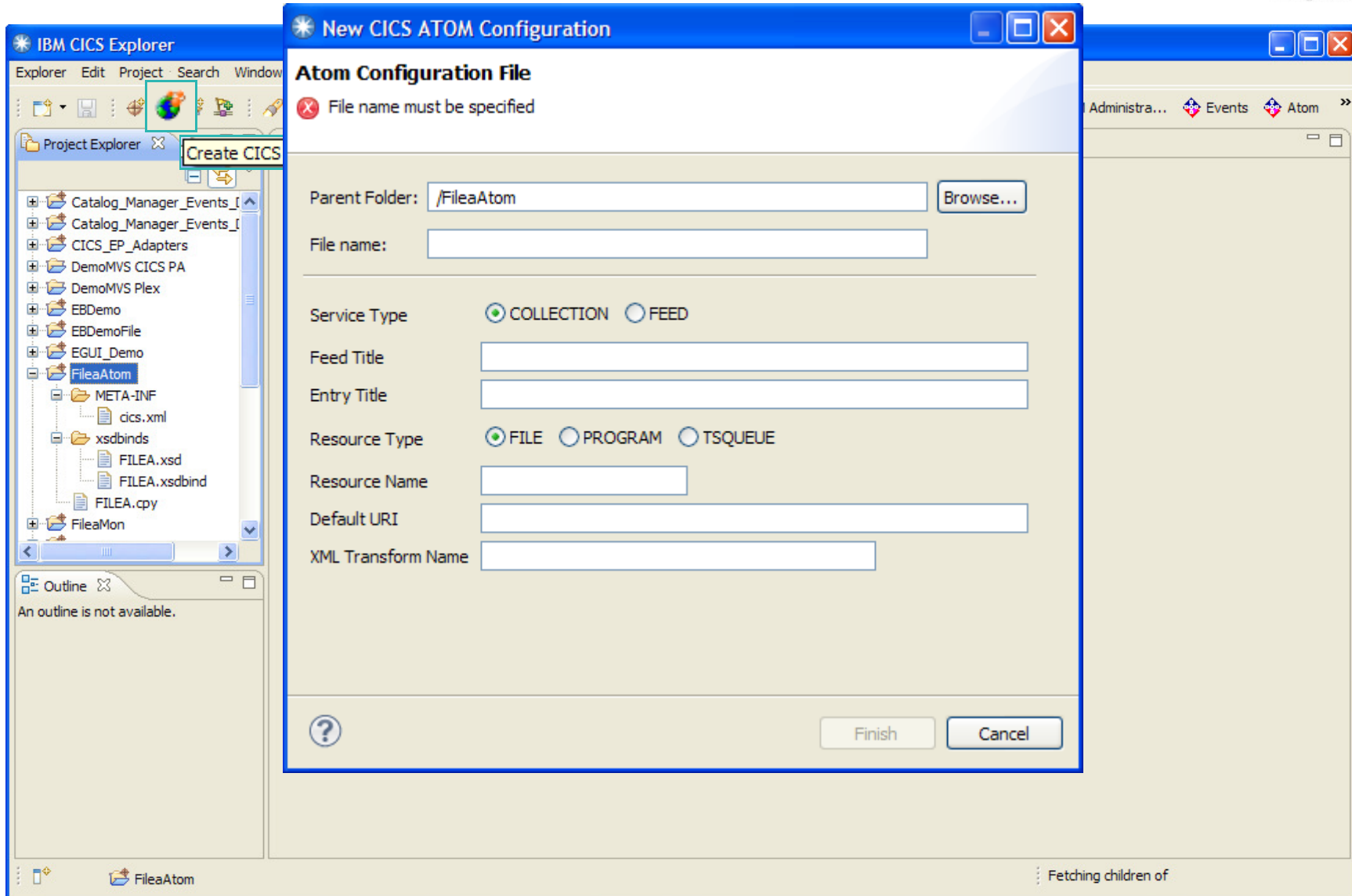


# XML Transform Binding via CICS Explorer



The screenshot displays the IBM CICS Explorer interface. On the left, the Project Explorer shows a tree view of project components, including a folder named 'META-INF' containing a file 'cics.xml'. An arrow points from this file to the main editor window. The editor window shows the XML content of 'cics.xml', with a red box highlighting the following line: `<define name="FILEA" type="http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM" path="xsdbind" />`. A yellow callout box with black text is overlaid on the image, stating: **Double Clicking the Manifest File shows how it has been Updated with the XML Transform**. The status bar at the bottom indicates 'Writable', 'Insert', '1:1', and 'Fetching children of'.

# Atom Feed Creation via CICS Explorer

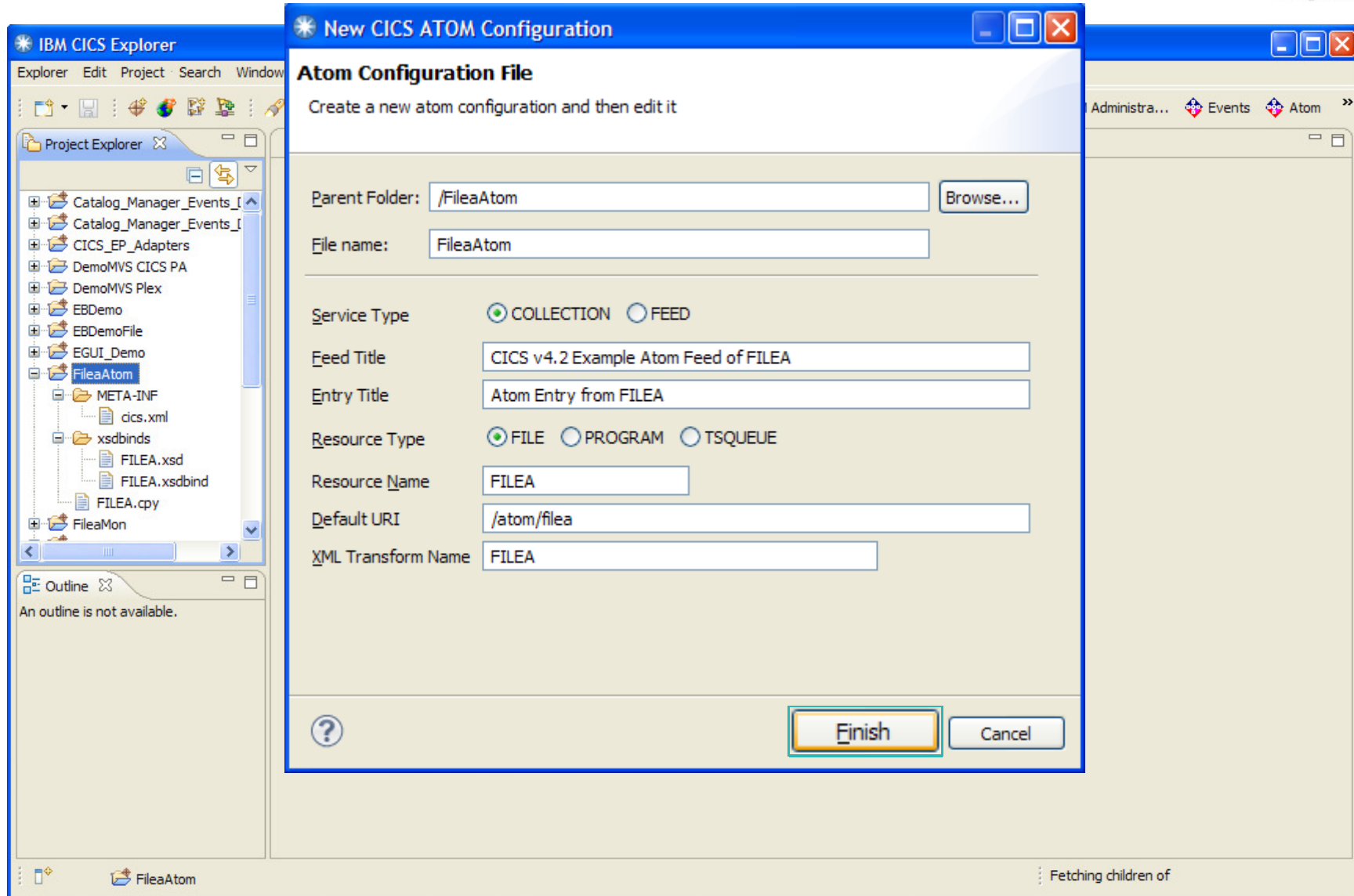


The screenshot displays the IBM CICS Explorer interface with a 'New CICS ATOM Configuration' dialog box open. The dialog box is titled 'Atom Configuration File' and contains the following fields and options:

- Parent Folder:** /FileaAtom (with a 'Browse...' button)
- File name:** (empty text field)
- Service Type:**  COLLECTION  FEED
- Feed Title:** (empty text field)
- Entry Title:** (empty text field)
- Resource Type:**  FILE  PROGRAM  TSQUEUE
- Resource Name:** (empty text field)
- Default URI:** (empty text field)
- XML Transform Name:** (empty text field)

At the bottom of the dialog, there is a question mark icon, a 'Finish' button, and a 'Cancel' button. A red error message at the top of the dialog reads: 'File name must be specified'. The background shows the CICS Explorer project explorer with a 'Create CICS' button highlighted.

# Atom Feed Creation via CICS Explorer

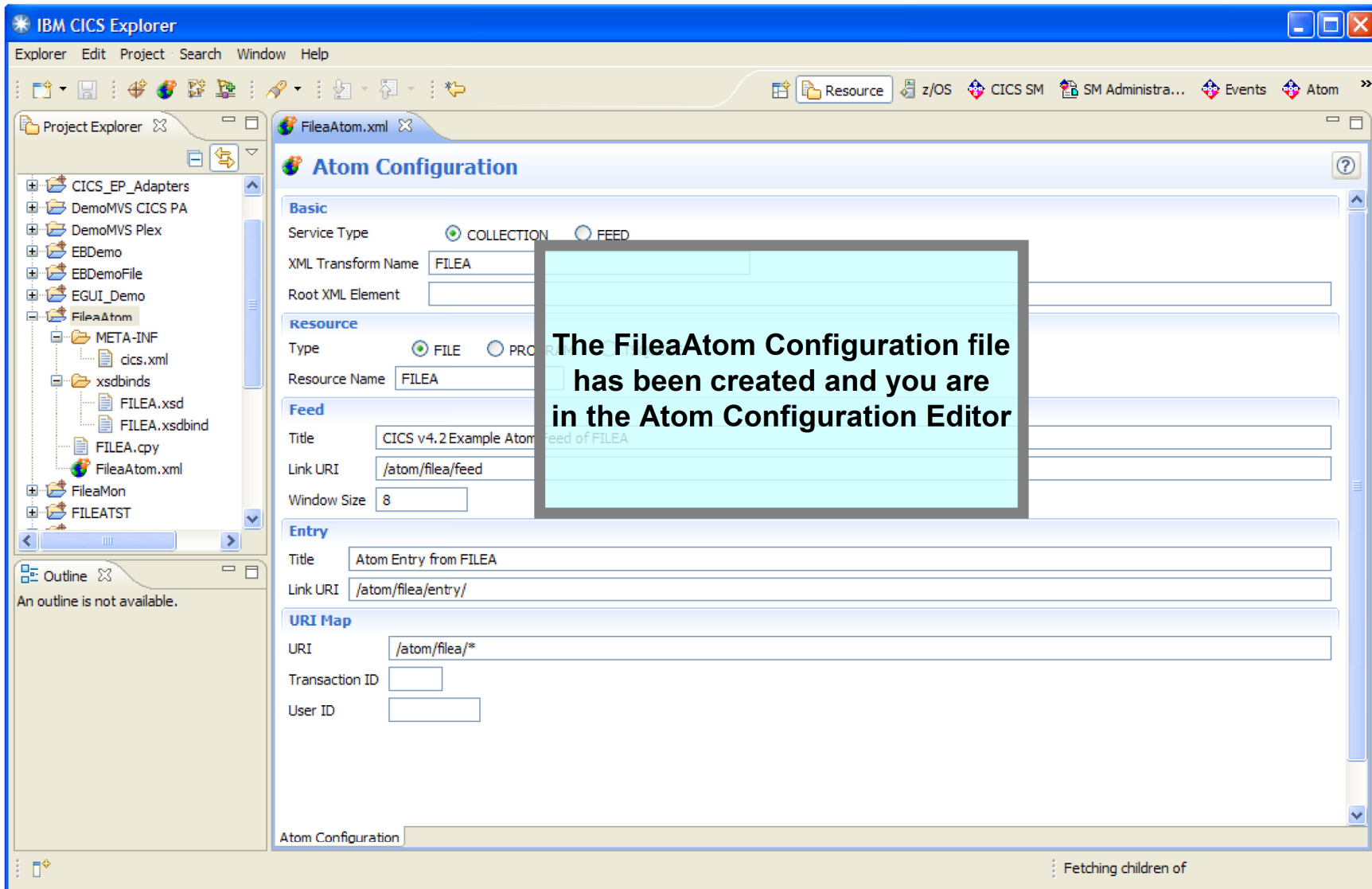


The screenshot displays the IBM CICS Explorer interface with a 'New CICS ATOM Configuration' dialog box open. The dialog box is titled 'Atom Configuration File' and contains the following fields and options:

- Parent Folder:** /FileaAtom (with a 'Browse...' button)
- File name:** FileaAtom
- Service Type:**  COLLECTION  FEED
- Feed Title:** CICS v4.2 Example Atom Feed of FILEA
- Entry Title:** Atom Entry from FILEA
- Resource Type:**  FILE  PROGRAM  TSQUEUE
- Resource Name:** FILEA
- Default URI:** /atom/filea
- XML Transform Name:** FILEA

At the bottom of the dialog, there is a question mark icon, a 'Finish' button (highlighted with a red box), and a 'Cancel' button. The background shows the CICS Explorer project explorer with a tree view containing folders like 'Catalog\_Manager\_Events\_I', 'CICS\_EP\_Adapters', 'DemoMVS CICS PA', 'DemoMVS Plex', 'EBDemo', 'EBDemoFile', 'EGUI\_Demo', 'FileaAtom', 'META-INF', 'xsdbinds', and 'FileaMon'. The status bar at the bottom indicates 'Fetching children of'.

# Atom Feed Creation via CICS Explorer



**The FileaAtom Configuration file has been created and you are in the Atom Configuration Editor**

**Basic**  
Service Type:  COLLECTION  FEED  
XML Transform Name: FILEA  
Root XML Element:

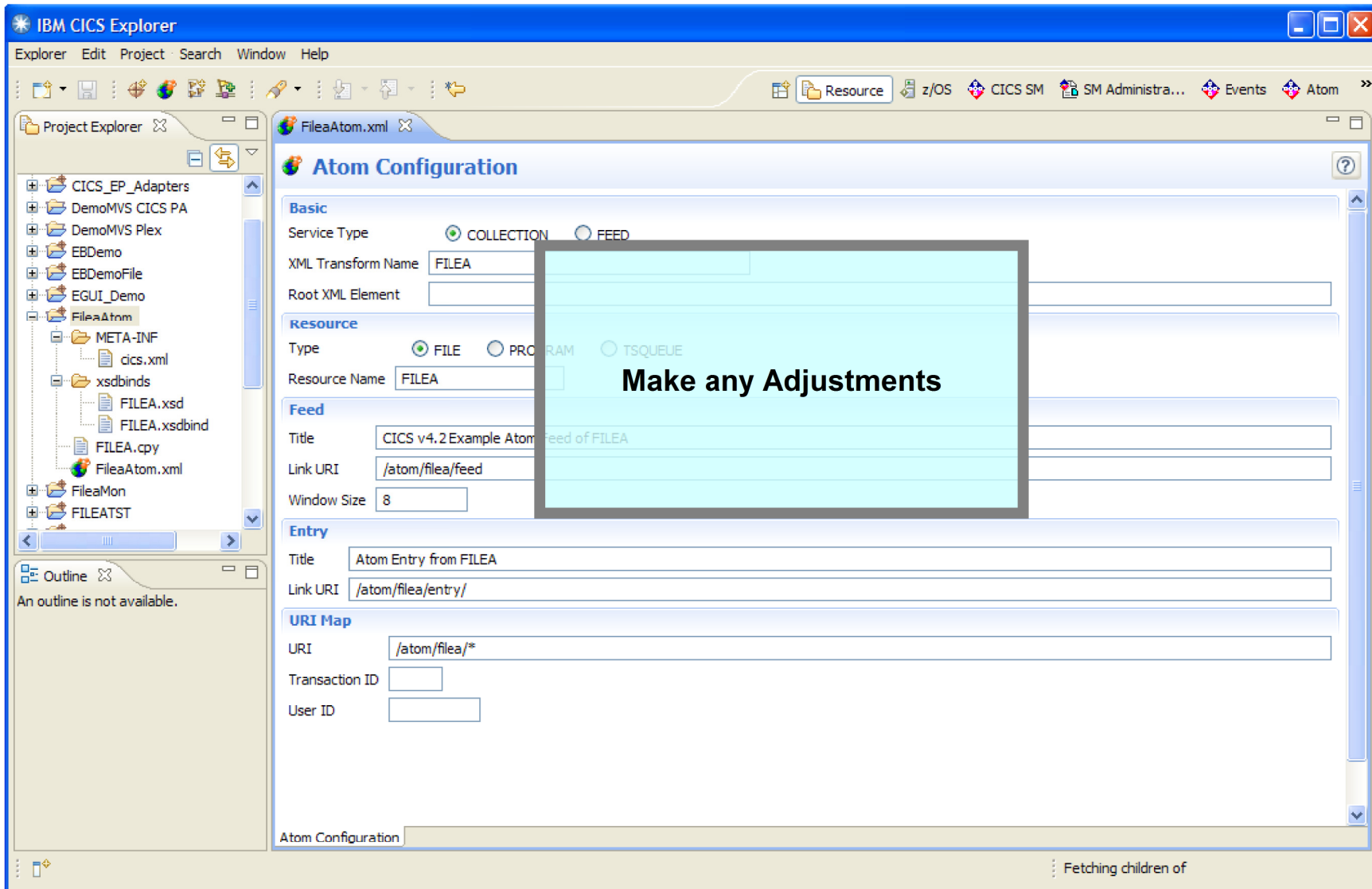
**Resource**  
Type:  FILE  PROC  
Resource Name: FILEA

**Feed**  
Title: CICS v4.2 Example Atom Feed of FILEA  
Link URI: /atom/filea/feed  
Window Size: 8

**Entry**  
Title: Atom Entry from FILEA  
Link URI: /atom/filea/entry/

**URI Map**  
URI: /atom/filea/\*  
Transaction ID:   
User ID:

# Atom Feed Creation via CICS Explorer

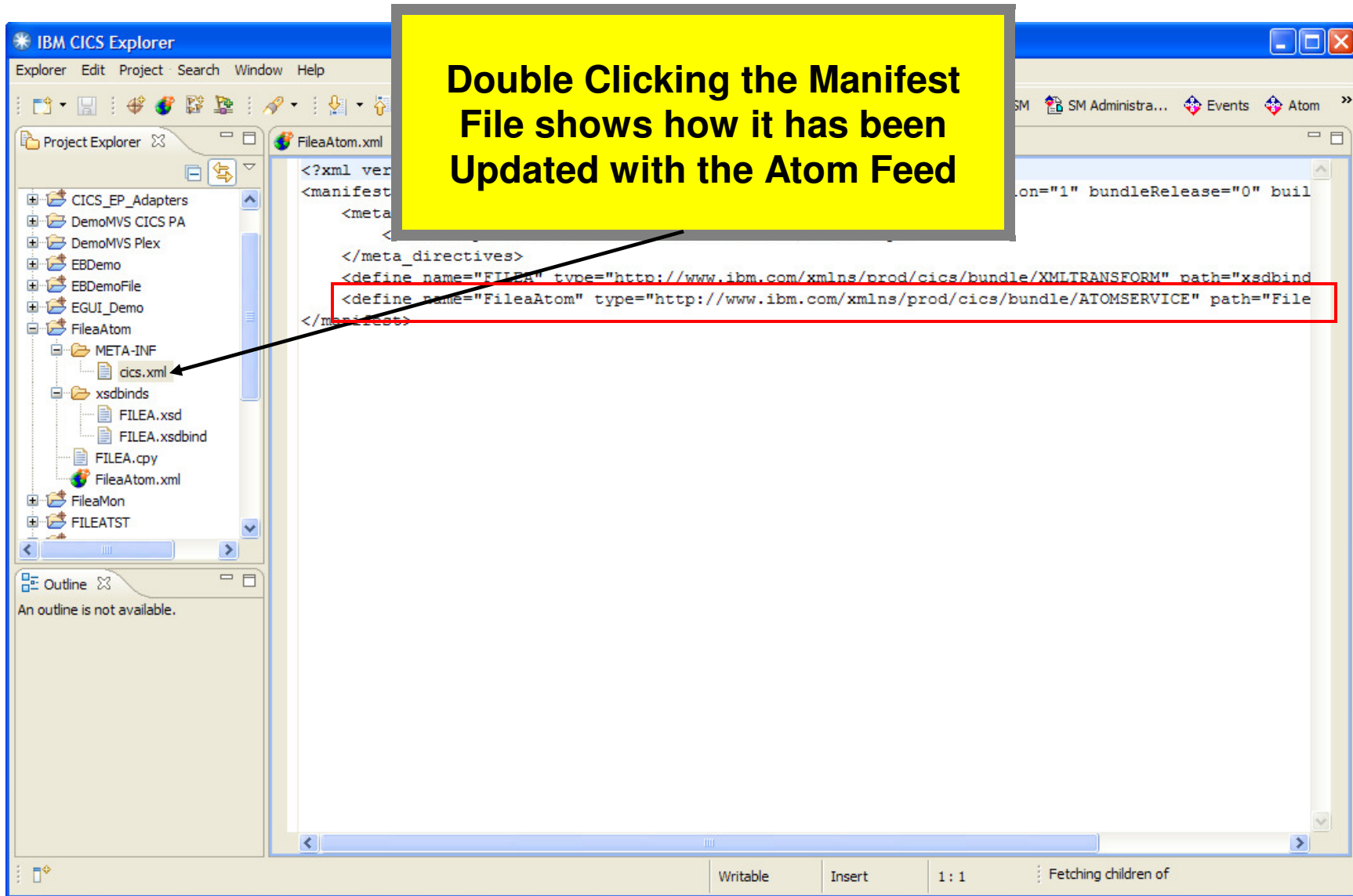


The screenshot displays the IBM CICS Explorer interface. On the left, the Project Explorer shows a tree view with folders like CICS\_EP\_Adapters, DemoMVS CICS PA, and FileaAtom. The main window shows the 'Atom Configuration' dialog for 'FILEA.xml'. The dialog is divided into several sections:

- Basic:** Service Type is set to 'COLLECTION'. XML Transform Name is 'FILEA'. Root XML Element is empty.
- Resource:** Type is 'FILE'. Resource Name is 'FILEA'.
- Feed:** Title is 'CICS v4.2 Example Atom Feed of FILEA'. Link URI is '/atom/filea/feed'. Window Size is '8'.
- Entry:** Title is 'Atom Entry from FILEA'. Link URI is '/atom/filea/entry/'.
- URI Map:** URI is '/atom/filea/\*'. Transaction ID and User ID fields are empty.

A semi-transparent box with the text "Make any Adjustments" is overlaid on the dialog, indicating where users should make their configuration changes.

# Atom Feed Creation via CICS Explorer



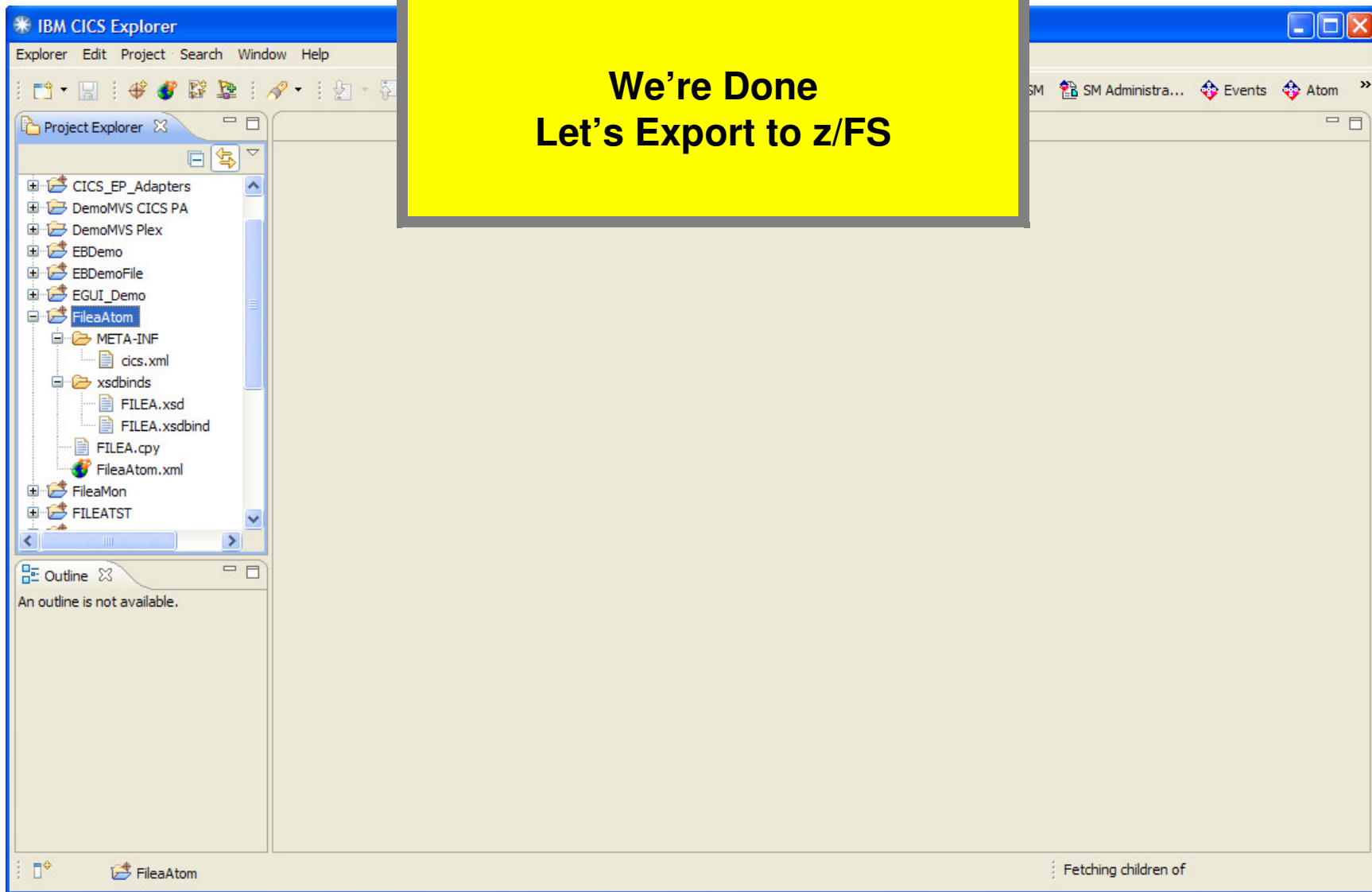
The screenshot displays the IBM CICS Explorer interface. On the left, the Project Explorer shows a tree view of the project structure, including folders like CICS\_EP\_Adapters, DemoMVS CICS PA, and FileaAtom. The FileaAtom folder is expanded, showing sub-folders META-INF and xsdbinds, and files cics.xml, FILEA.xsd, FILEA.xsdbind, FILEA.cpy, and FileaAtom.xml. An arrow points from the FileaAtom.xml file in the Project Explorer to the main editor window.

The main editor window displays the content of FileaAtom.xml. A yellow callout box with the text "Double Clicking the Manifest File shows how it has been Updated with the Atom Feed" points to the XML content. A red box highlights the following XML elements:

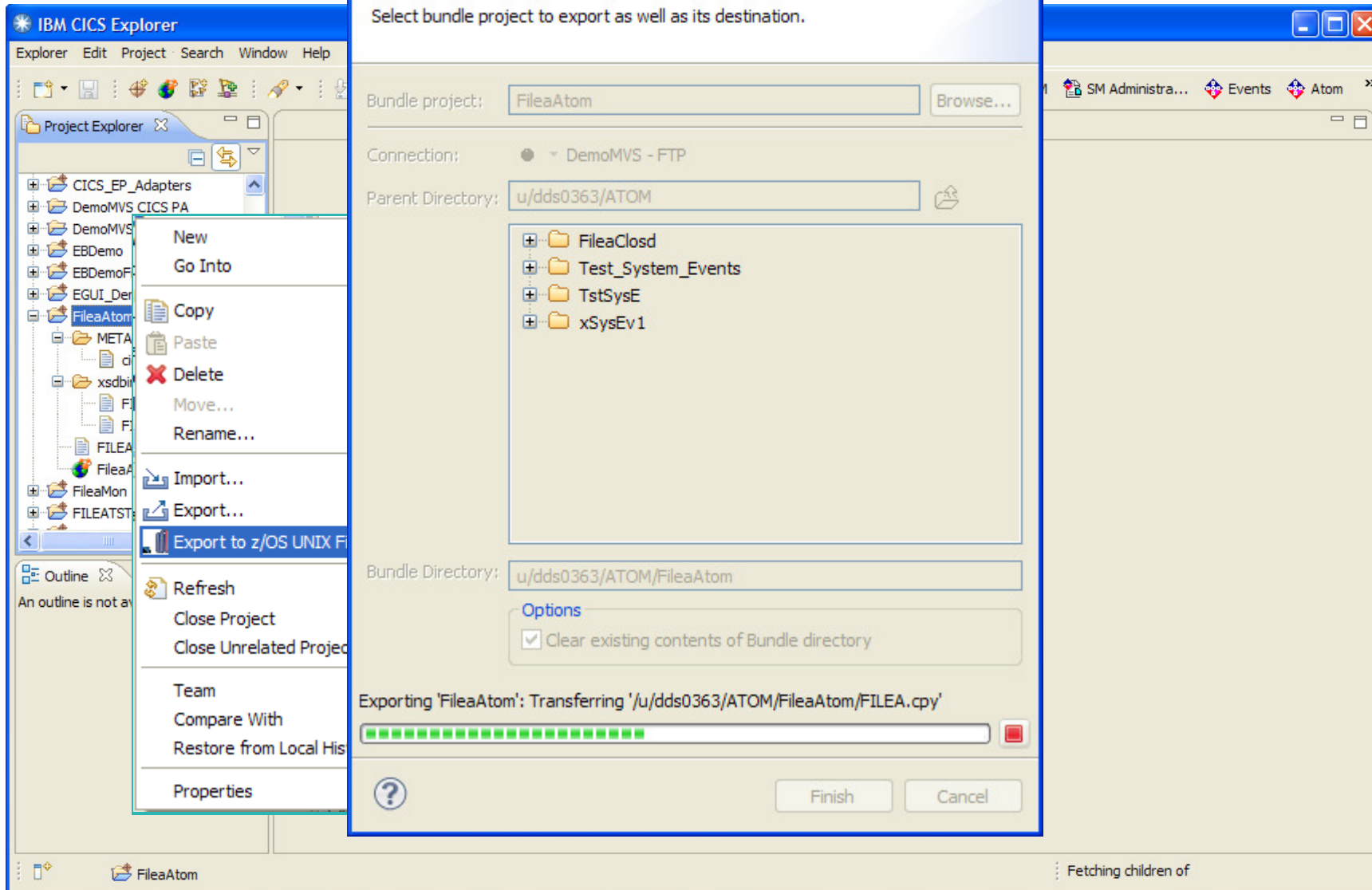
```
<define_name="FILEA" type="http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM" path="xsdbind"></define_name>
<define_name="FileaAtom" type="http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE" path="FileaAtom"></define_name>
```

# Atom Feed Creation via CICS Explorer

**We're Done  
Let's Export to z/FS**



# Atom Feed Cr



**Export to z/OS UNIX File System**

**Export Bundle**

Select bundle project to export as well as its destination.

Bundle project:

Connection:

Parent Directory:

- FileaCloud
- Test\_System\_Events
- TstSysE
- xSysEv1

Bundle Directory:

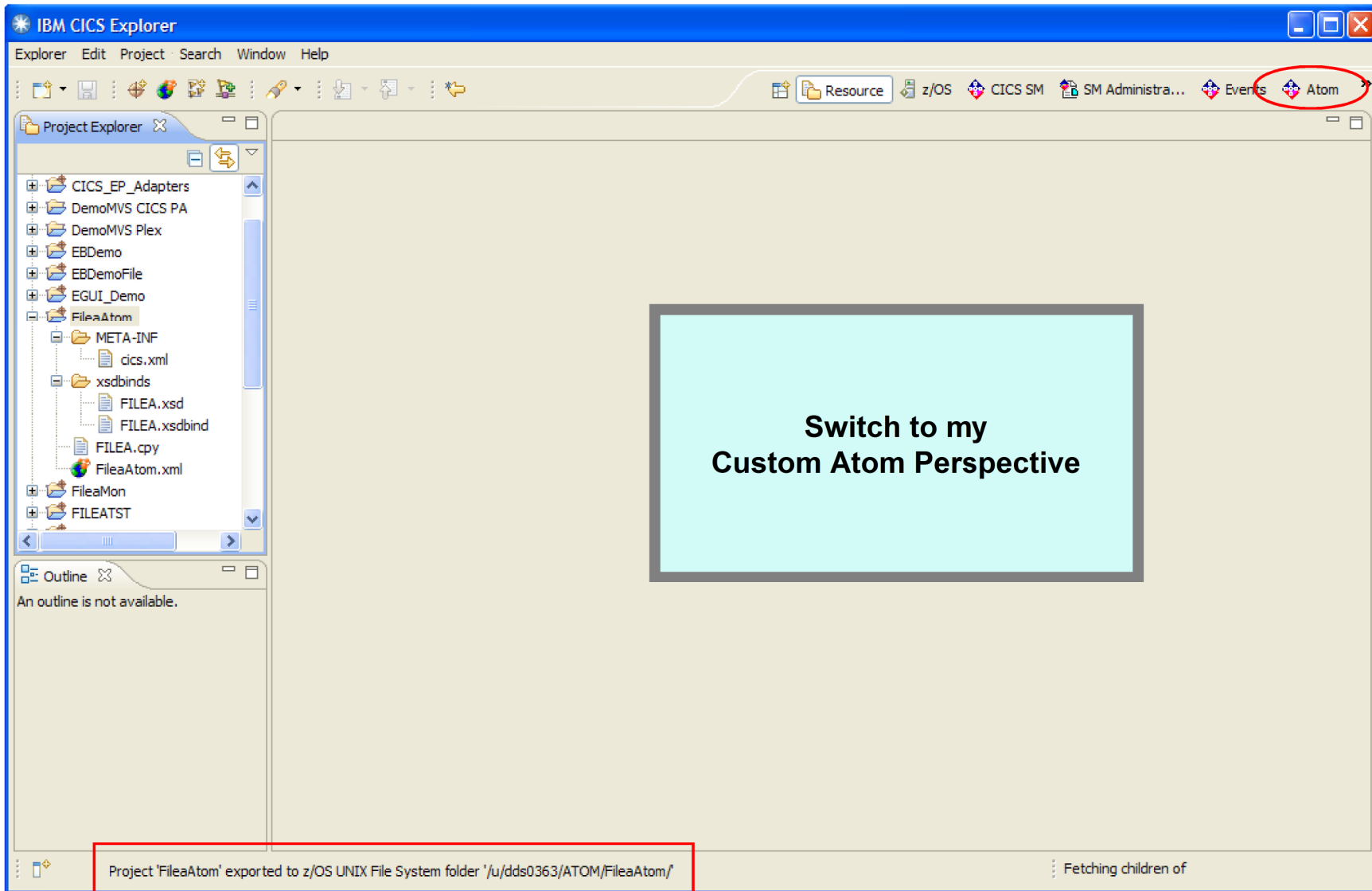
Options

Clear existing contents of Bundle directory

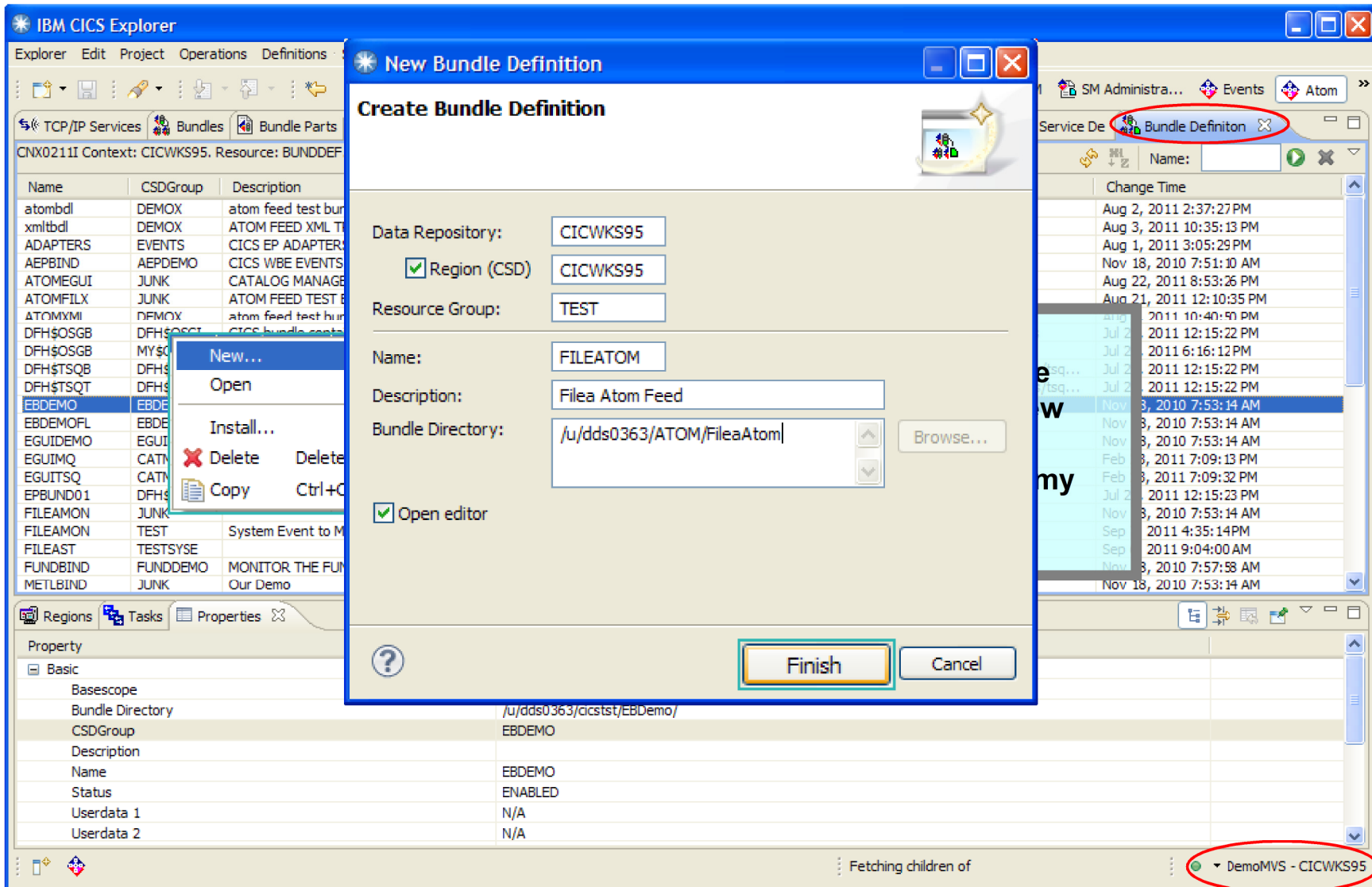
Exporting 'FileaAtom': Transferring 'u/dds0363/ATOM/FileaAtom/FILEA.cpy'



# Atom Feed Creation via CICS Explorer



# Atom Feed Creation via CICS Explorer



**IBM CICS Explorer**

Explorer Edit Project Operations Definitions

Service De... Bundle Definiton X

Name: [ ]

Change Time

Change Time
Aug 2, 2011 2:37:27 PM
Aug 3, 2011 10:35:13 PM
Aug 1, 2011 3:05:29 PM
Nov 18, 2010 7:51:10 AM
Aug 22, 2011 8:53:26 PM
Aug 21, 2011 12:10:35 PM
Aug 21, 2011 10:40:40 PM
Jul 21, 2011 12:15:22 PM
Jul 21, 2011 6:16:12 PM
Jul 21, 2011 12:15:22 PM
Jul 21, 2011 12:15:22 PM
Nov 3, 2010 7:53:14 AM
Nov 3, 2010 7:53:14 AM
Nov 3, 2010 7:53:14 AM
Feb 3, 2011 7:09:13 PM
Feb 3, 2011 7:09:32 PM
Jul 21, 2011 12:15:23 PM
Nov 3, 2010 7:53:14 AM
Sep 3, 2011 4:35:14 PM
Sep 3, 2011 9:04:00 AM
Nov 3, 2010 7:57:58 AM
Nov 18, 2010 7:53:14 AM

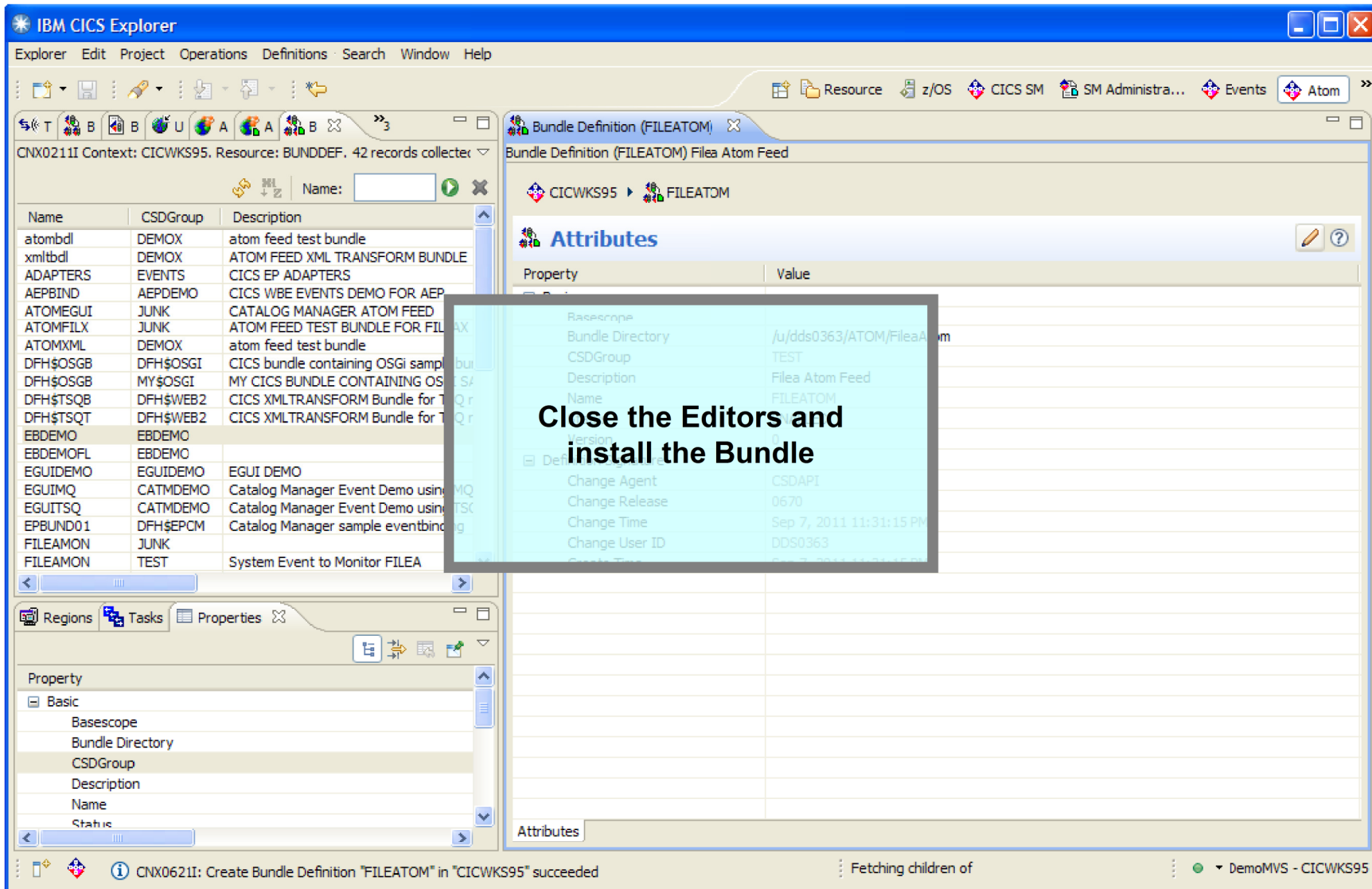
Property

Basic

Property	Value
Bascope	
Bundle Directory	/u/dds0363/acstst/EBDemo/
CSDGroup	EBDEMO
Description	
Name	EBDEMO
Status	ENABLED
Userdata 1	N/A
Userdata 2	N/A

Fetching children of DemoMVS - CICWKS95

# Atom Feed Creation via CICS Explorer



**Close the Editors and install the Bundle**

Name	CSDGroup	Description
atombdl	DEMOX	atom feed test bundle
xmltbl	DEMOX	ATOM FEED XML TRANSFORM BUNDLE
ADAPTERS	EVENTS	CICS EP ADAPTERS
AEPBIND	AEPDEMO	CICS WBE EVENTS DEMO FOR AEP
ATOMEGUI	JUNK	CATALOG MANAGER ATOM FEED
ATOMFILX	JUNK	ATOM FEED TEST BUNDLE FOR FIL
ATOMXML	DEMOX	atom feed test bundle
DFH\$OSGB	DFH\$OSGI	CICS bundle containing OSGi samp
DFH\$OSGB	MY\$OSGI	MY CICS BUNDLE CONTAINING OS
DFH\$TSQB	DFH\$WEB2	CICS XMLTRANSFORM Bundle for T
DFH\$TSQT	DFH\$WEB2	CICS XMLTRANSFORM Bundle for T
EBDEMO	EBDEMO	
EBDEMOFL	EBDEMO	
EGUIDEMO	EGUIDEMO	EGUI DEMO
EGUIMQ	CATMDEMO	Catalog Manager Event Demo usin
EGUTTSQ	CATMDEMO	Catalog Manager Event Demo usin
EPBUND01	DFH\$EPCM	Catalog Manager sample eventbind
FILEAMON	JUNK	
FILEAMON	TEST	System Event to Monitor FILEA

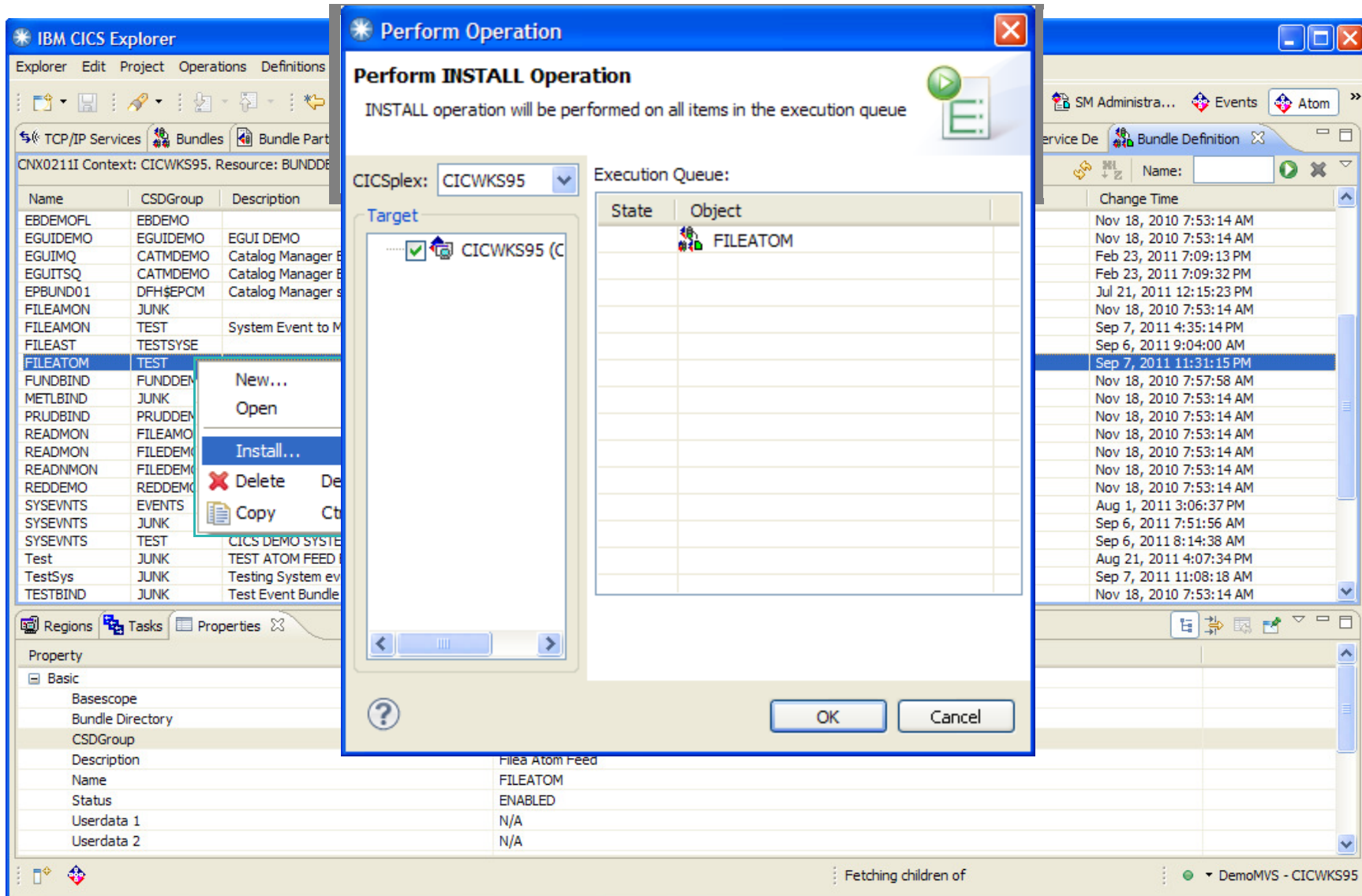
Property	Value
BaseScope	
Bundle Directory	/u/dds0363/ATOM/Filea
CSDGroup	TEST
Description	Filea Atom Feed
Name	FILEATOM
Change Agent	CSDAPI
Change Release	0670
Change Time	Sep 7, 2011 11:31:15 PM
Change User ID	DDS0363

Property: Basic

- Bascope
- Bundle Directory
- CSDGroup
- Description
- Name
- Status

Status bar: CNX06211: Create Bundle Definition "FILEATOM" in "CICWKS95" succeeded

# Atom Feed Creation via CICS Explorer



The screenshot displays the IBM CICS Explorer interface with a 'Perform Operation' dialog box open. The dialog is titled 'Perform INSTALL Operation' and indicates that the operation will be performed on all items in the execution queue.

**Perform Operation Dialog Details:**

- Operation:** Perform **INSTALL** Operation
- Message:** INSTALL operation will be performed on all items in the execution queue
- CICSplex:** CICWKS95
- Execution Queue:**

State	Object
	FILEATOM
- Target:**
  - CICWKS95 (C)

Buttons: OK, Cancel

**Background Interface (IBM CICS Explorer):**

- Table 1: Object List**

Name	CSDGroup	Description
EBDEMOFL	EBDEMO	
EGUIDEMO	EGUIDEMO	EGUI DEMO
EGUIMQ	CATMDEMO	Catalog Manager B
EGUITSQ	CATMDEMO	Catalog Manager B
EPBUND01	DFHSEPCM	Catalog Manager s
FILEAMON	JUNK	
FILEAMON	TEST	System Event to M
FILEAST	TESTSYSE	
FILEATOM	TEST	
FUNDBIND	FUNDDEM	
METLBIND	JUNK	
PRUDBIND	PRUDDER	
READMON	FILEAMO	
READMON	FILEDEM	
READNMON	FILEDEM	
REDDEMO	REDDEMO	
SYSEVNTS	EVENTS	
SYSEVNTS	JUNK	
SYSEVNTS	TEST	CICS DEMO SYSTEM
Test	JUNK	TEST ATOM FEED
TestSys	JUNK	Testing System ev
TESTBIND	JUNK	Test Event Bundle
- Table 2: Change Time Log**

Change Time
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Feb 23, 2011 7:09:13 PM
Feb 23, 2011 7:09:32 PM
Jul 21, 2011 12:15:23 PM
Nov 18, 2010 7:53:14 AM
Sep 7, 2011 4:35:14 PM
Sep 6, 2011 9:04:00 AM
Sep 7, 2011 11:31:15 PM
Nov 18, 2010 7:57:58 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Nov 18, 2010 7:53:14 AM
Aug 1, 2011 3:06:37 PM
Sep 6, 2011 7:51:56 AM
Sep 6, 2011 8:14:38 AM
Aug 21, 2011 4:07:34 PM
Sep 7, 2011 11:08:18 AM
Nov 18, 2010 7:53:14 AM
- Table 3: Properties**

Property	Value
Bascope	
Bundle Directory	
CSDGroup	
Description	File Atom Feed
Name	FILEATOM
Status	ENABLED
Userdata 1	N/A
Userdata 2	N/A

# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles Bundle Parts URI Maps Atom Services XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: BUNNDEF. 42 records collected at Sep 8, 2011 12:31:35 AM

Name	CSDGroup	Description	Bundle Directory	Change Time
EBDEMOFL	EBDEMO		/u/dds0577/EBDemoFile/	Nov 18, 2010 7:53:14 AM
EGUIDEMO	EGUIDEMO	EGUI DEMO	/u/dds0363/cicstst/EGUI_Demo/	Nov 18, 2010 7:53:14 AM
EGUIMQ	CATMDEMO	Catalog Manager Event Demo using MQ	/u/dds0363/Events/Catalog_Manager_Events_Demo_MQ/	Feb 23, 2011 7:09:13 PM
EGUITSQ	CATMDEMO	Catalog Manager Event Demo using TSQ	/u/dds0363/Events/Catalog_Manager_Events_Demo_TSQ/	Feb 23, 2011 7:09:32 PM
EPBUND01	DFH\$EPCM	Catalog Manager sample eventbinding	/usr/lpp/cicsts/cicsts42/samples/eventprocessing/CatalogManager	Jul 21, 2011 12:15:23 PM
FILEAMON	JUNK		/u/dds0363/cicstst/FILEATST/Filea_Sample_Record_Trap	Nov 18, 2010 7:53:14 AM
FILEAMON	TEST	System Event to Monitor FILEA	/u/dds0363/Events/FileaMon/	Sep 7, 2011 4:35:14 PM
FILEAST	TESTSYSE		/u/dds0363/ATOM/Test_System_Events/	Sep 6, 2011 9:04:00 AM
FILEATOM	TEST	Filea Atom Feed	/u/dds0363/ATOM/FileaAtom	Sep 7, 2011 11:31:15 PM
FUNDBIND	FUNNDEMO	MONITOR THE FUNDS IN THE FUND APPLICATION	/u/dds0363/Events/FUNDTTest/	Nov 18, 2010 7:57:58 AM
METLBIND	JUNK	Our Demo	/u/dds0363/cicstst/MetlDemo/	Nov 18, 2010 7:53:14 AM
PRUDBIND	PRUDDDEMO	CICS WBE EVENTS DEMO FOR PRUDENTIAL	/u/dds0363/cicstst/PRUDDemo/	Nov 18, 2010 7:53:14 AM
READMON	FILEAMON	MONIDOR A RECORD IN FILEA	/u/dds0363/cicstst/FILEATST/	Nov 18, 2010 7:53:14 AM
READMON	FILEDEMO	MONIDOR A RECORD IN FILEA	/u/dds0363/cicstst/FILEATST/	Nov 18, 2010 7:53:14 AM
READMON	FILEDEMO	MONIDOR A RECORD IN FILEA	/u/dds0363/cicstst/FILEATST/	Nov 18, 2010 7:53:14 AM
REDDEMO	REDDEMO	EGUI DEMO	/u/dds0363/cicstst/RedDemo/RedBook_EPRED2/	Nov 18, 2010 7:53:14 AM
SYSEVNTS	EVENTS	CICS DEMO SYSTEM EVENTS	/u/dds0363/Events/CICS_System_Events/	Aug 1, 2011 3:06:37 PM
SYSEVNTS	JUNK	CICS DEMO SYSTEM EVENTS	/u/dds0363/ATOM/xSysEv 1	Sep 6, 2011 7:51:56 AM
SYSEVNTS	TEST	CICS DEMO SYSTEM EVENTS	/u/dds0363/ATOM/FileaCloud	Sep 6, 2011 8:14:38 AM
Test	JUNK	TEST ATOM FEED EXAMPLE V4.2 WITH XML BIND	/u/dds0363/ATOM/Atom_Feed_Example/	Aug 21, 2011 4:07:34 PM
TestSys	JUNK	Testing System events with separate adapters	/u/dds0363/Events/TestSys	Sep 7, 2011 11:08:18 AM
TESTBIND	JUNK	Test Event Bundle	/u/dds0363/MyBundles/Test/	Nov 18, 2010 7:53:14 AM

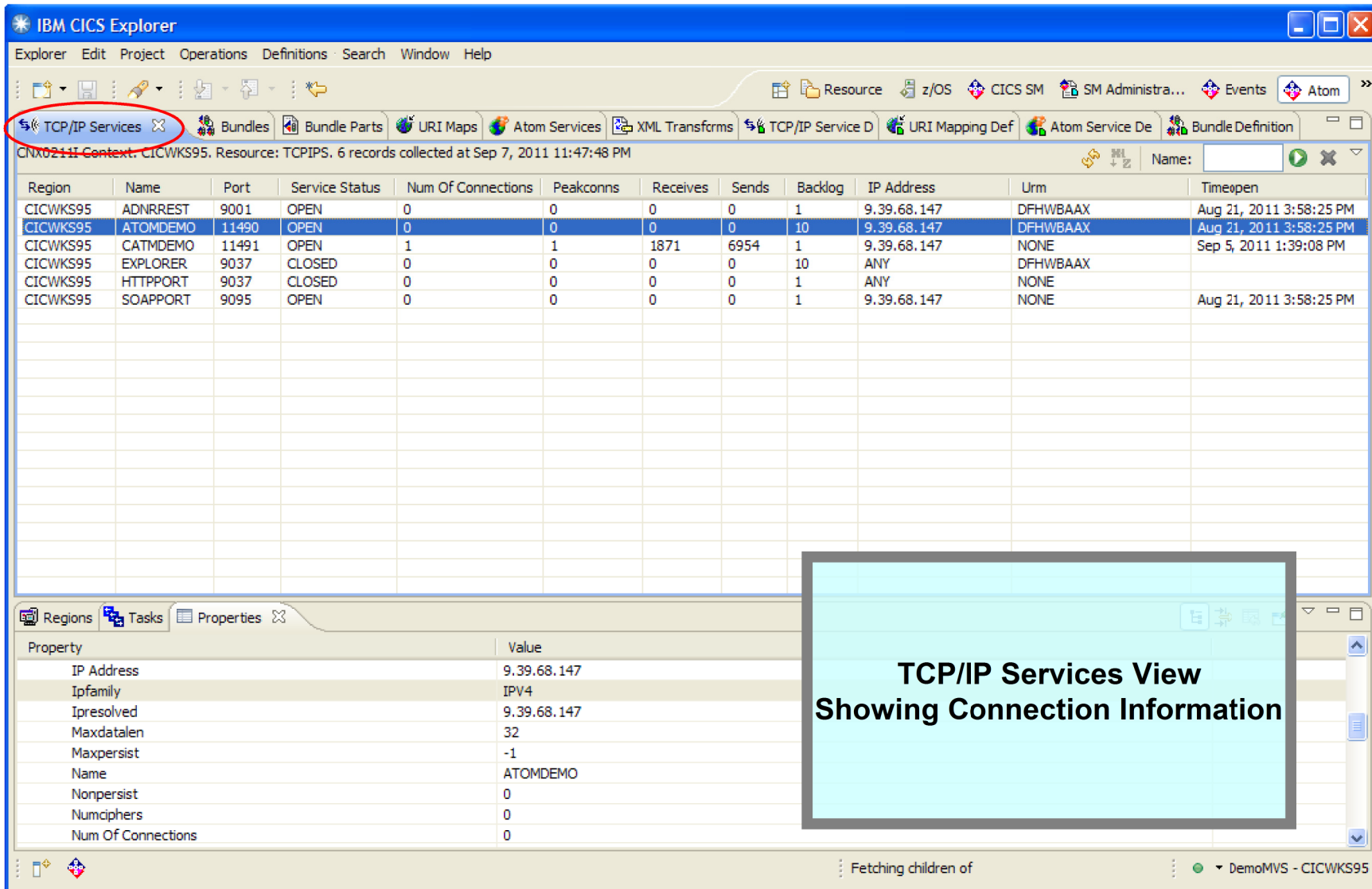
Regions Tasks Properties

Property	Value
Bascope	
Bundle Directory	/u/dds0363/ATOM/FileaAtom
CSDGroup	TEST
Description	Filea Atom Feed
Name	FILEATOM
Status	ENABLED
Userdata 1	N/A
Userdata 2	N/A

CNX0609I: Install of Bundle Definition "FILEATOM" from "CICWKS95" into "CICWKS95" succeeded

Fetching children of DemoMVS - CICWKS95

# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles Bundle Parts URI Maps Atom Services XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: TCPIPS. 6 records collected at Sep 7, 2011 11:47:48 PM

Region	Name	Port	Service Status	Num Of Connections	Peakconns	Receives	Sends	Backlog	IP Address	Urm	Timeopen
CICWKS95	ADNRREST	9001	OPEN	0	0	0	0	1	9.39.68.147	DFHWBAAX	Aug 21, 2011 3:58:25 PM
CICWKS95	ATOMDEMO	11490	OPEN	0	0	0	0	10	9.39.68.147	DFHWBAAX	Aug 21, 2011 3:58:25 PM
CICWKS95	CATMDEMO	11491	OPEN	1	1	1871	6954	1	9.39.68.147	NONE	Sep 5, 2011 1:39:08 PM
CICWKS95	EXPLORER	9037	CLOSED	0	0	0	0	10	ANY	DFHWBAAX	
CICWKS95	HTTPPORT	9037	CLOSED	0	0	0	0	1	ANY	NONE	
CICWKS95	SOAPPORT	9095	OPEN	0	0	0	0	1	9.39.68.147	NONE	Aug 21, 2011 3:58:25 PM

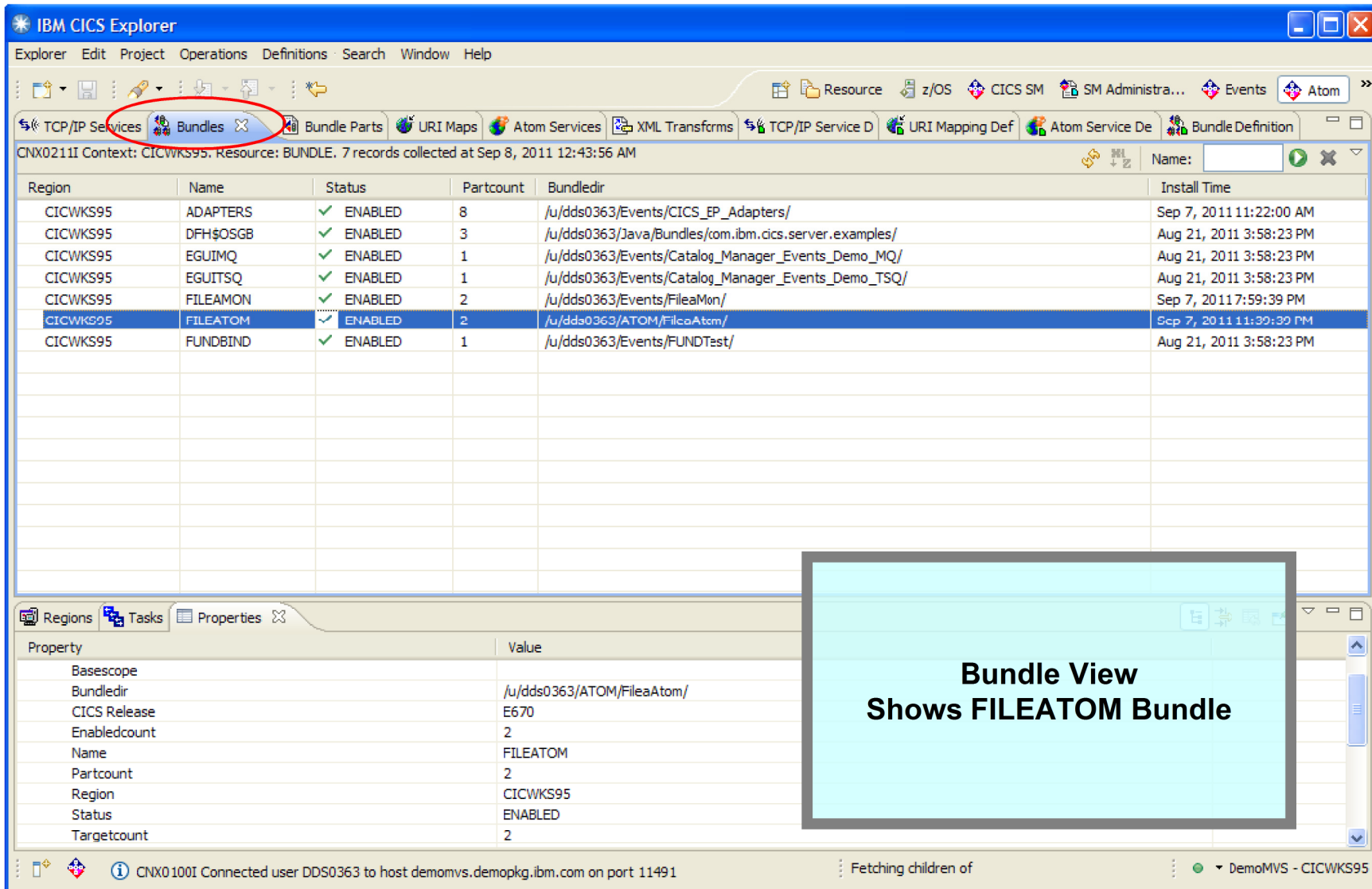
Regions Tasks Properties

Property	Value
IP Address	9.39.68.147
Ipfamily	IPV4
Ipresolved	9.39.68.147
Maxdatalen	32
Maxpersist	-1
Name	ATOMDEMO
Nonpersist	0
Numciphers	0
Num Of Connections	0

Fetching children of DemoMVS - CICWKS95

**TCP/IP Services View Showing Connection Information**

# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles Bundle Parts URI Maps Atom Services XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: BUNDLE. 7 records collected at Sep 8, 2011 12:43:56 AM

Region	Name	Status	Partcount	Bundledir	Install Time
CICWKS95	ADAPTERS	✓ ENABLED	8	/u/dds0363/Events/CICS_EP_Adapters/	Sep 7, 2011 11:22:00 AM
CICWKS95	DFH\$OSGB	✓ ENABLED	3	/u/dds0363/Java/Bundles/com.ibm.cics.server.examples/	Aug 21, 2011 3:58:23 PM
CICWKS95	EGUIMQ	✓ ENABLED	1	/u/dds0363/Events/Catalog_Manager_Events_Demo_MQ/	Aug 21, 2011 3:58:23 PM
CICWKS95	EGUITSQ	✓ ENABLED	1	/u/dds0363/Events/Catalog_Manager_Events_Demo_TSQ/	Aug 21, 2011 3:58:23 PM
CICWKS95	FILEAMON	✓ ENABLED	2	/u/dds0363/Events/FileaMon/	Sep 7, 2011 7:59:39 PM
CICWKS95	FILEATOM	✓ ENABLED	2	/u/dds0363/ATOM/FileaAtom/	Sep 7, 2011 11:39:39 PM
CICWKS95	FUNDBIND	✓ ENABLED	1	/u/dds0363/Events/FUNDTTest/	Aug 21, 2011 3:58:23 PM

Regions Tasks Properties

Property	Value
Bascope	
Bundledir	/u/dds0363/ATOM/FileaAtom/
CICS Release	E670
Enabledcount	2
Name	FILEATOM
Partcount	2
Region	CICWKS95
Status	ENABLED
Targetcount	2

Bundle View Shows FILEATOM Bundle

CNX0100I Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 11491

Fetching children of

DemoMVS - CICWKS95

# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles **Bundle Parts** URI Maps Atom Services XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: BUNDPART. 18 records collected at Sep 8, 2011 12:51:27 AM

Region	Bundle	Bundle Part	Enable Status	Meta Data File	Part Class	Part Type
CICWKS95	ADAPTERS	MQ_CBE	ENABLED	MQ_CBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	MQ_CFE	ENABLED	MQ_CFE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	MQ_WBE	ENABLED	MQ_WBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_CBE	ENABLED	TSQ_CBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_CBER	ENABLED	TSQ_CBER.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_CFE	ENABLED	TSQ_CFE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_FTIFA	ENABLED	TSQ_FTIFA.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_WBE	ENABLED	TSQ_WBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	DFH\$OSGB	hello	ENABLED	hello.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	jcics	ENABLED	jcics.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	web	ENABLED	web.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	EGUIMQ	EGUIMQ	ENABLED	EGUIMQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	EGUITSQ	EGUITSQ	ENABLED	EGUITSQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMon	ENABLED	FileaMon.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMonAlerts	ENABLED	FileaMonAlerts.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	FILEATOM	FileaAtom	ENABLED	FileaAtom.xml	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE
CICWKS95	FILEATOM	FILEA	ENABLED	xsdbinds/FILEA.xsdbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM
CICWKS95	FUNDBIND	FUNDBIND	ENABLED	FUNDBIND.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING

Regions Tasks Properties

Property	Value
Basic	
Bundle	FILEATOM
Bundle Part	FileaAtom
CICS Release	E670
Enable Status	ENABLED
Meta Data File	FileaAtom.xml
Part Class	DEFINITION
Part Type	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE
Region	CICWKS95

Fetching children of DemoMVS - CICWKS95

**Bundle Parts View Shows FileaAtom Config File**



# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles **Bundle Parts** URI Maps Atom Services XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: BUNDPART. 18 records collected at Sep 8, 2011 12:51:27 AM

Region	Bundle	Bundle Part	Enable Status	Meta Data File	Part Class	Part Type
CICWKS95	ADAPTERS	MQ_CBE	ENABLED	MQ_CBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	MQ_CFE	ENABLED	MQ_CFE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	MQ_WBE	ENABLED	MQ_WBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_CBE	ENABLED	TSQ_CBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_CBER	ENABLED	TSQ_CBER.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_CFE	ENABLED	TSQ_CFE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_FTIFA	ENABLED	TSQ_FTIFA.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	ADAPTERS	TSQ_WBE	ENABLED	TSQ_WBE.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	DFH\$OSGB	hello	ENABLED	hello.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	jcics	ENABLED	jcics.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	DFH\$OSGB	web	ENABLED	web.osgibundle	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/OSGIBUNDLE
CICWKS95	EGUIMQ	EGUIMQ	ENABLED	EGUIMQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	EGUITSQ	EGUITSQ	ENABLED	EGUITSQ.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMon	ENABLED	FileaMon.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING
CICWKS95	FILEAMON	FileaMonAlerts	ENABLED	FileaMonAlerts.epadapter	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EPADAPTER
CICWKS95	FILEATOM	FileaAtom	ENABLED	FileaAtom.xml	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/ATOMSERVICE
CICWKS95	FILEATOM	FILEA	ENABLED	xsdbinds/FILEA.xsdbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM
CICWKS95	FUNDBIND	FUNDBIND	ENABLED	FUNDBIND.evbind	DEFINITION	http://www.ibm.com/xmlns/prod/cics/bundle/EVENTBINDING

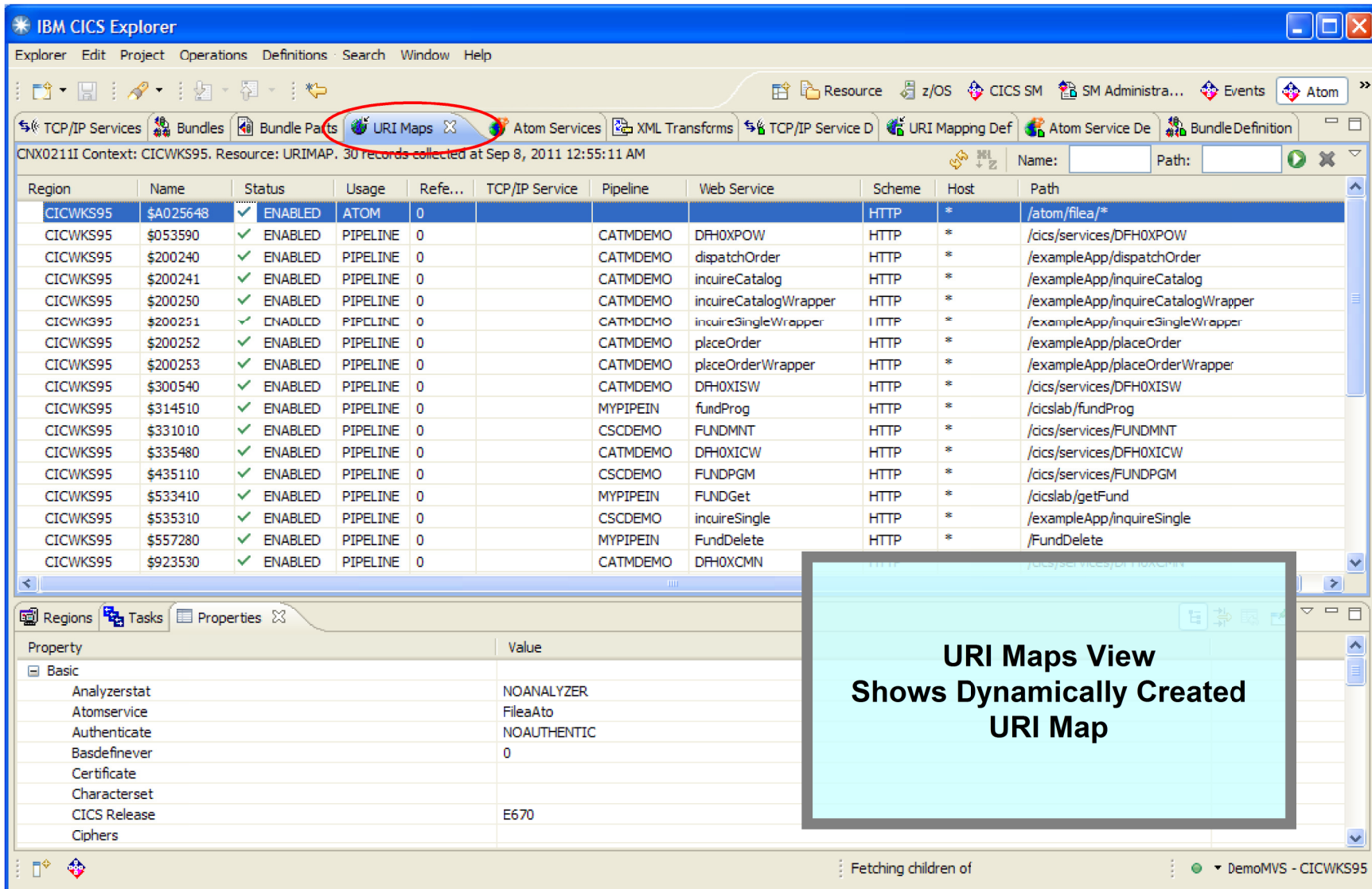
Regions Tasks Properties

Property	Value
Basic	
Bundle	FILEATOM
Bundle Part	FILEA
CICS Release	E670
Enable Status	ENABLED
Meta Data File	xsdbinds/FILEA.xsdbind
Part Class	DEFINITION
Part Type	http://www.ibm.com/xmlns/prod/cics/bundle/XMLTRANSFORM
Region	CICWKS95

Bundle Parts View Shows FILEA XML Transform

Fetching children of DemoMVS - CICWKS95

# Atom Feed Creation via CICS Explorer



URI Maps View Shows Dynamically Created URI Map

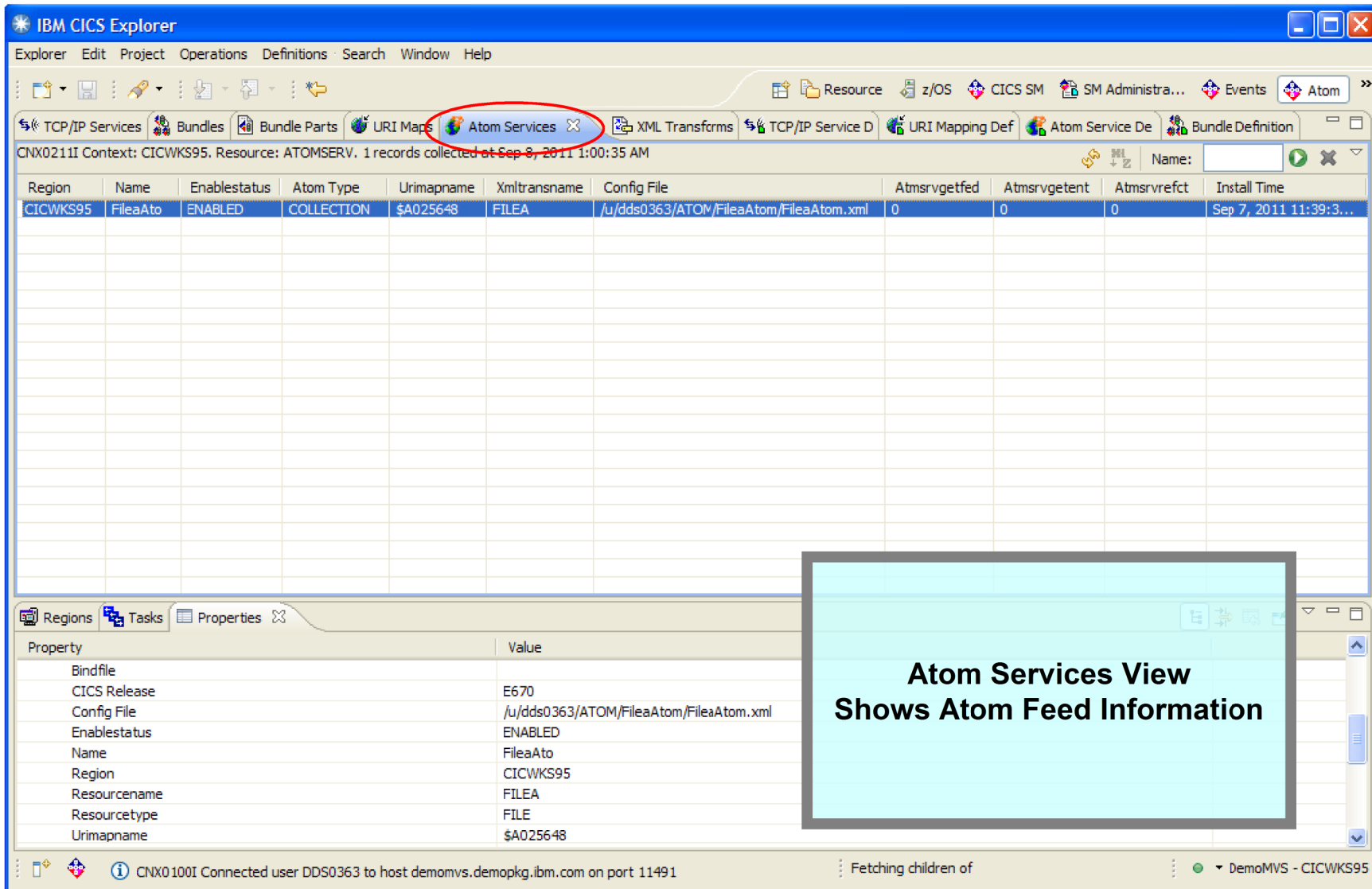
Region	Name	Status	Usage	Refere...	TCP/IP Service	Pipeline	Web Service	Scheme	Host	Path
CICWKS95	\$A025648	✓ ENABLED	ATOM	0				HTTP	*	/atom/filea/*
CICWKS95	\$053590	✓ ENABLED	PIPELINE	0		CATMDEMO	DFH0XPOW	HTTP	*	/cics/services/DFH0XPOW
CICWKS95	\$200240	✓ ENABLED	PIPELINE	0		CATMDEMO	dispatchOrder	HTTP	*	/exampleApp/dispatchOrder
CICWKS95	\$200241	✓ ENABLED	PIPELINE	0		CATMDEMO	inquireCatalog	HTTP	*	/exampleApp/inquireCatalog
CICWKS95	\$200250	✓ ENABLED	PIPELINE	0		CATMDEMO	inquireCatalogWrapper	HTTP	*	/exampleApp/inquireCatalogWrapper
CICWKS95	\$200251	✓ ENABLED	PIPELINE	0		CATMDEMO	inquireSingleWrapper	HTTP	*	/exampleApp/inquireSingleWrapper
CICWKS95	\$200252	✓ ENABLED	PIPELINE	0		CATMDEMO	placeOrder	HTTP	*	/exampleApp/placeOrder
CICWKS95	\$200253	✓ ENABLED	PIPELINE	0		CATMDEMO	placeOrderWrapper	HTTP	*	/exampleApp/placeOrderWrapper
CICWKS95	\$300540	✓ ENABLED	PIPELINE	0		CATMDEMO	DFH0XISW	HTTP	*	/cics/services/DFH0XISW
CICWKS95	\$314510	✓ ENABLED	PIPELINE	0		MYPIPEIN	fundProg	HTTP	*	/cicslab/fundProg
CICWKS95	\$331010	✓ ENABLED	PIPELINE	0		CSCDEMO	FUNDMNT	HTTP	*	/cics/services/FUNDMNT
CICWKS95	\$335480	✓ ENABLED	PIPELINE	0		CATMDEMO	DFH0XICW	HTTP	*	/cics/services/DFH0XICW
CICWKS95	\$435110	✓ ENABLED	PIPELINE	0		CSCDEMO	FUNDPGM	HTTP	*	/cics/services/FUNDPGM
CICWKS95	\$533410	✓ ENABLED	PIPELINE	0		MYPIPEIN	FUNDGet	HTTP	*	/cicslab/getFund
CICWKS95	\$535310	✓ ENABLED	PIPELINE	0		CSCDEMO	inquireSingle	HTTP	*	/exampleApp/inquireSingle
CICWKS95	\$557280	✓ ENABLED	PIPELINE	0		MYPIPEIN	FundDelete	HTTP	*	/FundDelete
CICWKS95	\$923530	✓ ENABLED	PIPELINE	0		CATMDEMO	DFH0XCMN			

Property Value

Analyzerstat	NOANALYZER
Atomservice	FileaAto
Authenticate	NOAUTHENTIC
Basdefinever	0
Certificate	
Characteraset	
CICS Release	E670
Ciphers	

Fetching children of DemoMVS - CICWKS95

# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles Bundle Parts URI Maps **Atom Services** XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: ATOMSERV. 1 records collected at Sep 8, 2011 1:00:35 AM

Region	Name	Enablestatus	Atom Type	Urimapname	Xmltransname	Config File	Atmsrvgetfed	Atmsrvgetent	Atmsrvrefct	Install Time
CICWKS95	FileaAto	ENABLED	COLLECTION	\$A025648	FILEA	/u/dds0363/ATOM/FileaAtom/FileaAtom.xml	0	0	0	Sep 7, 2011 11:39:3...

Regions Tasks Properties

Property	Value
Bindfile	
CICS Release	E670
Config File	/u/dds0363/ATOM/FileaAtom/FileaAtom.xml
Enablestatus	ENABLED
Name	FileaAto
Region	CICWKS95
Resourcename	FILEA
Resourcetype	FILE
Urimapname	\$A025648

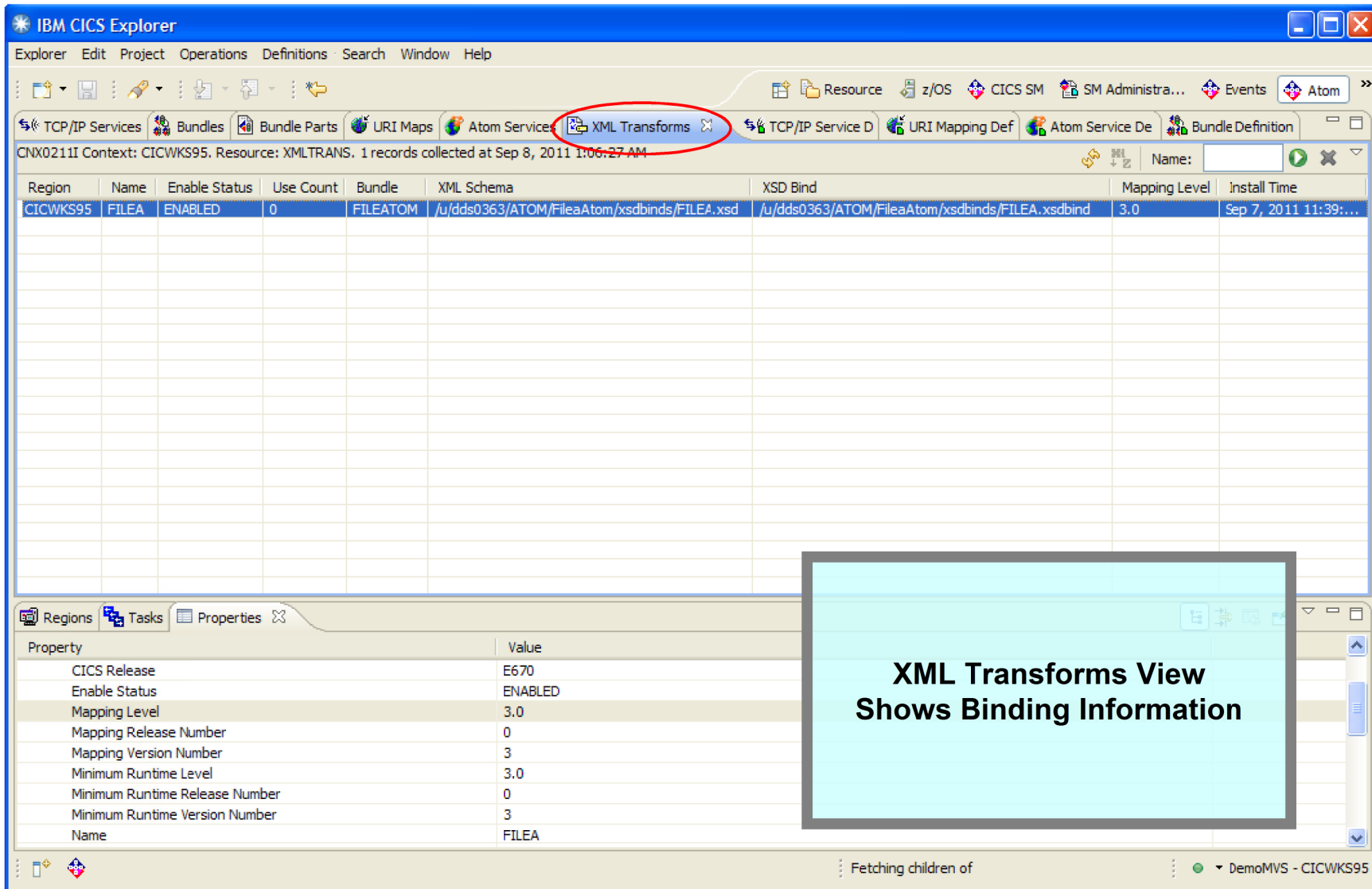
Atom Services View Shows Atom Feed Information

CNX0100I Connected user DDS0363 to host demomvs.demopkg.ibm.com on port 11491

Fetching children of

DemoMVS - CICWKS95

# Atom Feed Creation via CICS Explorer



IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

Resource z/OS CICS SM SM Administra... Events Atom

TCP/IP Services Bundles Bundle Parts URI Maps Atom Services XML Transforms TCP/IP Service D URI Mapping Def Atom Service De Bundle Definition

CNX0211I Context: CICWKS95. Resource: XMLTRANS. 1 records collected at Sep 8, 2011 1:06:27 AM

Region	Name	Enable Status	Use Count	Bundle	XML Schema	XSD Bind	Mapping Level	Install Time
CICWKS95	FILEA	ENABLED	0	FILEATOM	/u/dds0363/ATOM/FileaAtom/xsdbinds/FILEA.xsd	/u/dds0363/ATOM/FileaAtom/xsdbinds/FILEA.xsbind	3.0	Sep 7, 2011 11:39:...

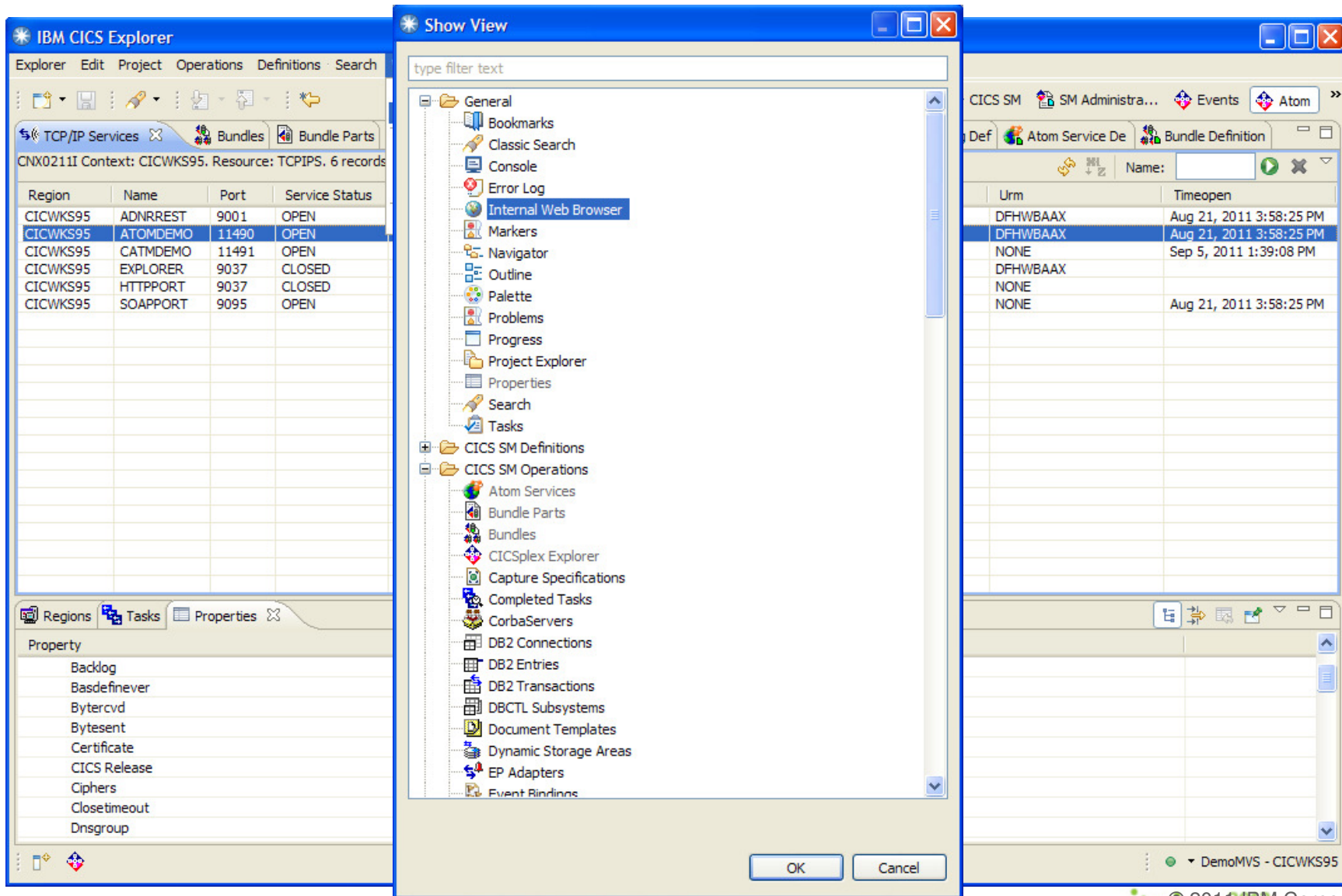
Regions Tasks Properties

Property	Value
CICS Release	E670
Enable Status	ENABLED
Mapping Level	3.0
Mapping Release Number	0
Mapping Version Number	3
Minimum Runtime Level	3.0
Minimum Runtime Release Number	0
Minimum Runtime Version Number	3
Name	FILEA

XML Transforms View Shows Binding Information

Fetching children of DemoMVS - CICWKS95

# Atom Feed Testing via CICS Explorer



The screenshot displays the IBM CICS Explorer application interface. The main window shows a table of services for the context 'CNX0211I Context: CICWKS95. Resource: TCPIPS. 6 records'.

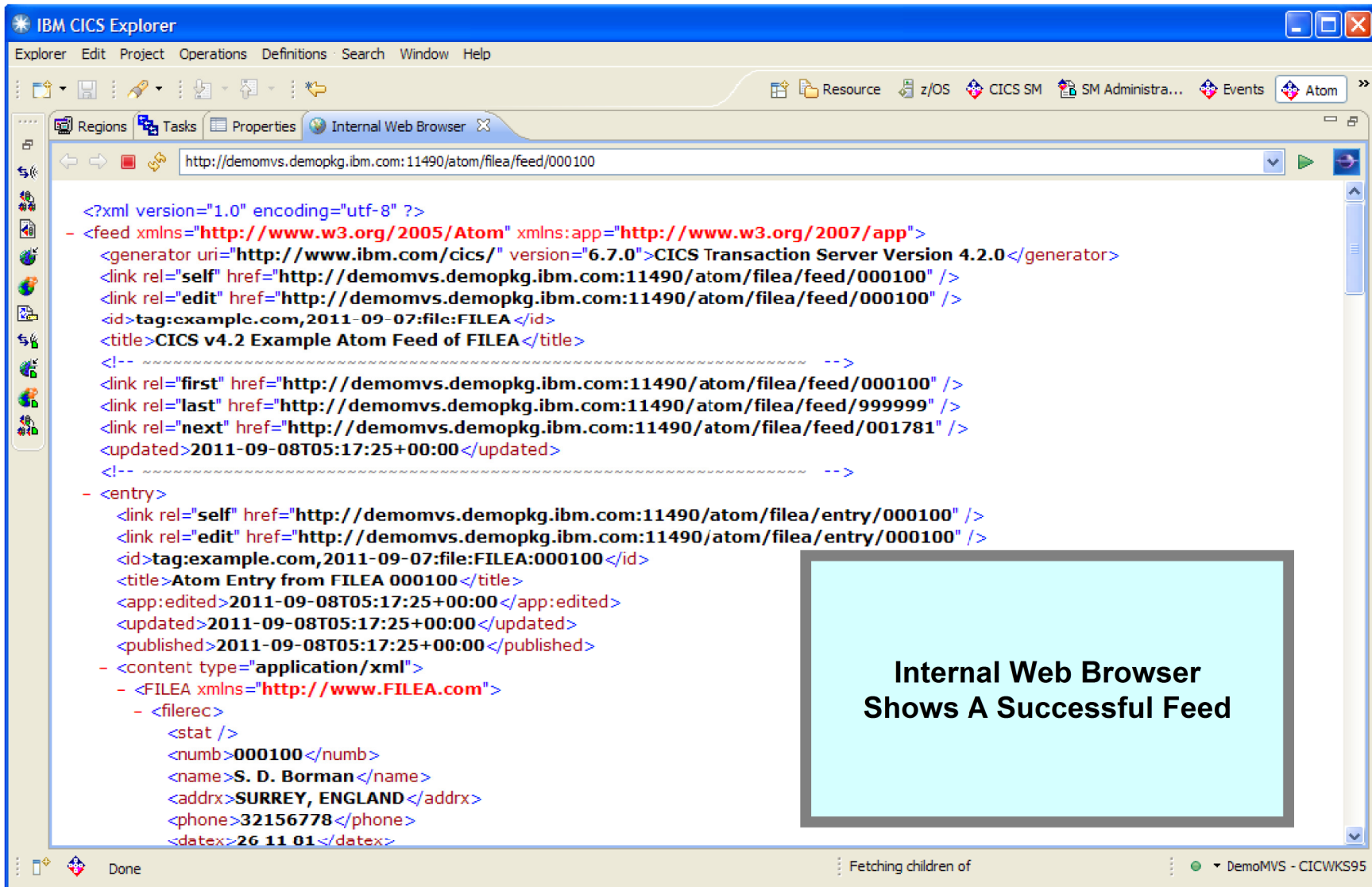
Region	Name	Port	Service Status
CICWKS95	ADNRREST	9001	OPEN
CICWKS95	ATOMDEMO	11490	OPEN
CICWKS95	CATMDEMO	11491	OPEN
CICWKS95	EXPLORER	9037	CLOSED
CICWKS95	HTTPPORT	9037	CLOSED
CICWKS95	SOAPPOR	9095	OPEN

The 'Show View' dialog is open, showing a tree view of the application's structure. The 'Internal Web Browser' view is selected.

The right-hand pane displays the 'Atom' service definition table:

Urm	Timeopen
DFHWBAAX	Aug 21, 2011 3:58:25 PM
DFHWBAAX	Aug 21, 2011 3:58:25 PM
NONE	Sep 5, 2011 1:39:08 PM
DFHWBAAX	
NONE	
NONE	Aug 21, 2011 3:58:25 PM

# Atom Feed Testing via CICS Explorer



The screenshot displays the IBM CICS Explorer interface. The main window is an internal web browser showing an Atom feed from a CICS system. The URL in the address bar is `http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100`. The XML content of the feed is visible, including the root <feed> element with various attributes and a <entry> element. A text box on the right side of the browser window contains the text: "Internal Web Browser Shows A Successful Feed".

```
<?xml version="1.0" encoding="utf-8" ?>
- <feed xmlns="http://www.w3.org/2005/Atom" xmlns:app="http://www.w3.org/2007/app">
  <generator uri="http://www.ibm.com/cics/" version="6.7.0">CICS Transaction Server Version 4.2.0</generator>
  <link rel="self" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100" />
  <link rel="edit" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100" />
  <id>tag:example.com,2011-09-07:file:FILEA</id>
  <title>CICS v4.2 Example Atom Feed of FILEA</title>
  <!-- ----- -->
  <link rel="first" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100" />
  <link rel="last" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/999999" />
  <link rel="next" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/001781" />
  <updated>2011-09-08T05:17:25+00:00</updated>
  <!-- ----- -->
- <entry>
  <link rel="self" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/entry/000100" />
  <link rel="edit" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/entry/000100" />
  <id>tag:example.com,2011-09-07:file:FILEA:000100</id>
  <title>Atom Entry from FILEA 000100</title>
  <app:edited>2011-09-08T05:17:25+00:00</app:edited>
  <updated>2011-09-08T05:17:25+00:00</updated>
  <published>2011-09-08T05:17:25+00:00</published>
- <content type="application/xml">
  - <FILEA xmlns="http://www.FILEA.com">
    - <filerec>
      <stat />
      <numb>000100</numb>
      <name>S. D. Borman</name>
      <addrx>SURREY, ENGLAND</addrx>
      <phone>32156778</phone>
      <datex>26 11 01</datex>
```

# Atom Feed Testing via Firefox



The screenshot shows a Firefox browser window with the title "CICS v4.2 Example Atom Feed of FILEA - Mozilla Firefox: IBM Edition". The address bar contains the URL "http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100". The browser's menu bar includes "File", "Edit", "View", "History", "Bookmarks", "Tools", and "Help". The toolbar shows navigation buttons, a search bar with "Google", and several open tabs including "Google Calendar", "CICSCODS - CICS Advanc...", "IBM developerWorks : WebSp...", "IBM CICS Explorer Downl...", "IBM developerWorks : WebSp...", and "CICS v4.2 Example A...".

Below the browser window, a yellow box contains a subscription prompt: "Subscribe to this feed using" with a dropdown menu set to "Live Bookmarks". There is an unchecked checkbox for "Always use Live Bookmarks to subscribe to feeds." and a "Subscribe Now" button.

The main content area displays an Atom feed titled "CICS v4.2 Example Atom Feed of FILEA". It lists several entries, each with a title and a timestamp: "Atom Entry from FILEA 000100", "Atom Entry from FILEA 000102", "Atom Entry from FILEA 000104", "Atom Entry from FILEA 000106", "Atom Entry from FILEA 000111", "Atom Entry from FILEA 000762", "Atom Entry from FILEA 000983", and "Atom Entry from FILEA 001222".

A context menu is open over the feed entries, listing options: "Back", "Forward", "Reload", "Stop", "Bookmark This Page", "Save Page As...", "Send Link...", "View Background Image", "Select All", "View Page Source" (highlighted in blue), and "View Page Info".

A light blue box with a black border contains the text: "Firefox Browser Shows A Successful Feed".

# Atom Feed Testing via Firefox



Source of: <http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100> - Mozilla Firefox

```
<?xml version="1.0" encoding="utf-8"?>
<feed xmlns="http://www.w3.org/2005/Atom" xmlns:app="http://www.w3.org/2007/app">
<generator uri="http://www.ibm.com/cics/" version="6.7.0">CICS Transaction Server Version 4.2.0</generator>
<link rel="self" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100"/>
<link rel="edit" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100"/>
<id>tag:example.com,2011-09-07:file:FILEA</id>
<title>CICS v4.2 Example Atom Feed of FILEA</title>
<!------->
<link rel="first" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/000100"/>
<link rel="last" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/999999"/>
<link rel="next" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/feed/001781"/>
<updated>2011-09-08T04:56:37+00:00</updated>
<!------->
<entry>
<link rel="self" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/entry/000100"/>
<link rel="edit" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/entry/000100"/>
<id>tag:example.com,2011-09-07:file:FILEA:000100</id>
<title>Atom Entry from FILEA 000100</title>
<app:edited>2011-09-08T04:56:37+00:00</app:edited>
<updated>2011-09-08T04:56:37+00:00</updated>
<published>2011-09-08T04:56:37+00:00</published>
<content type="application/xml"><FILEA xmlns="http://www.FILEA.com"><filerec><stat/><numb>000100</numb><name>S. D. Borman</name><addrx>
</entry>
<!------->
<entry>
<link rel="self" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/entry/000102"/>
<link rel="edit" href="http://demomvs.demopkg.ibm.com:11490/atom/filea/entry/000102"/>
<id>tag:example.com,2011-09-07:file:FILEA:000102</id>
<title>Atom Entry from FILEA 000102</title>
<app:edited>2011-09-08T04:56:37+00:00</app:edited>
<updated>2011-09-08T04:56:37+00:00</updated>
<published>2011-09-08T04:56:37+00:00</published>
<content type="application/xml"><FILEA xmlns="http://www.FILEA.com"><filerec><stat/><numb>000102</numb><name>J. T. Czaykowski</name><addrx>
</entry>
<!------->
```



## New SM Administration Perspective

- The SM Administration perspective contains Operations and Definition views to help manage WLM workloads
- The default SM Administration perspective contains the following views
  - CMAS Explorer (New)
  - CICSplex Explorer
  - CICSplexes
  - CMAS Details
  - Managed regions (New)
  - Workloads

# New SM Access Perspective



v1.0.1

IBM CICS Explorer

Explorer Edit Project Operations

CICSplex  
Server: WRKS

- CICWKS96 (1/1)
  - CICWKS96 (C)

Tasks

CNX0211I

Name
AADD
ABRW
ADMI
ADMR
ADMS
AINQ
AMNU
AORD
AORQ
AREP
AUPD
BNKD
BNKW
CADP
CATA
CATD

Region

Property

- Atom Services
- Bundles
- Bundle Parts
- CMAS To CMAS Links
- Completed Tasks
- CorbaServers
- DBCTL Subsystems
- DB2
- Document Templates
- Event Processing
- Files
- Global Dynamic Storage Areas
- Interval Control Requests
- IPIC Connections
- ISC/MRO Connections
- Java™
- Journals
- LIBRARYs
- LIBRARY DS Name
- Pipelines
- Process Types
- Programs
- Queues
- Regions
- RPL List
- Tasks
- Task Associations
- TCP/IP Services
- Terminals
- Transactions
- Transaction Classes
- TS Models
- Unit of Work Enqueues
- URI Maps
- Web Services
- WebSphere MQ
- XML Transforms
- CICSplexes
- CMAS Details

Window Help

CICS SM System z/OS Resource Atom Events MQ MQ Explorer

Files TCP/IP Services TS Queues Name: [ ]

N. 208 records collected at Sep 1, 2011 5:25:27 PM

Status	Priority	Transaction ...	Purgeability	Dumping	Routing
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
✓ ENABLED	1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	255	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
✓ ENABLED	255	DFHTCL00	PURGEABLE	TRANDUMP	STATIC

Internal Web Browser

	Value
	E660
	CMDSECNO
	ISOLATE
	60
	TRANDUMP

DemomVS - CICWKS96

# New SM Action Perspective



v1.0.1

- Atom Services
- Bundles
- Bundle Parts
- CMAS To CMAS Links**
- Completed Tasks
- CorbaServers
- DBCTL Subsystems
- DB2
- Document Templates
- Event Processing
- Files
- Global Dynamic Storage Areas
- Interval Control Requests

- CICSplexes
- CMAS Details
- CMAS To CMAS Links
- Managed Regions
- RTA Events
- WLM

Type	CMAS Name	State
N_A		INACTIVE
CICSAOR1	CPSMCM1	ACTIVE
CICSAOR2	CPSMCM1	ACTIVE
CICSAOR3	N_A	INACTIVE
CICSAOR4	N_A	INACTIVE
CICSAOR5	N_A	INACTIVE
CICSAOR6	CPSMCM1	ACTIVE
CICSAOR7	CPSMCM1	ACTIVE

Property	Value
C	E660
C	CMDSECO
D	ISOLATE
D	60
D	TRANDUMP

# New SM Action Perspective



v1.0.1

- Atom Services
- Bundles
- Bundle Parts
- CMAS To CMAS Links
- Completed Tasks
- CorbaServers
- DBCTL Subsystems
- DB2
- Document Templates
- Event Processing
- Files
- Global Dynamic Storage Areas
- Interval Control Requests

**v1.1**

SM Administra...

Type	CMAS Name	State
N_A		INACTIVE
CICSAOR1	CPSMCM1	ACTIVE
CICSAOR2	CPSMCM1	ACTIVE
CICSAOR3	N_A	INACTIVE
CICSAOR4	N_A	INACTIVE
CICSAOR5	N_A	INACTIVE
CICSAOR6	CPSMCM1	ACTIVE
CICSAOR7	CPSMCM1	ACTIVE

Section ...	Purgeability	Dumping	Routing
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC

- Transaction Classes
- TS Models
- Unit of Work Enqueues
- URI Maps
- Web Services
- WebSphere MQ
- XML Transforms
- CICSplexes**
- CMAS Details**

Property	Value
C	E660
C	CMDSECNO
D	ISOLATE
D	60
D	TRANDUMP

# New SM Action Perspective



v1.0.1

IBM CICS Explorer

- Atom Services
- Bundles
- Bundle Parts
- CMAS To CMAS Links
- Completed Tasks
- CorbaServers
- DBCTL Subsystems
- DB2
- Document Templates
- Event Processing
- Files
- Global Dynamic Storage Areas
- Interval Control Requests

Window Help

CICS SM System z/OS Resource Atom Events MQ MQ Explorer

Name: [ ]

208 records collected at Sep 1, 2011 5:25:27 PM

IBM CICS Explorer

Operations Definitions Search Window Help

- CICSplexes
- CMAS Details
- CMAS To CMAS Links
- Managed Regions
- RTA Events
- WLM

SM Administra...

Type	CMAS Name	State
N_A		INACTIVE
CICSAOR1	CPSMCM1	ACTIVE
CICSAOR2	CPSMCM1	ACTIVE
CICSAOR3	N_A	INACTIVE
CICSAOR4	N_A	INACTIVE
CICSAOR5	N_A	INACTIVE
CICSAOR6	CPSMCM1	ACTIVE
CICSAOR7	CPSMCM1	ACTIVE

Section ...	Purgeability	Dumping	Routing
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	NOTPURGEA...	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC
CL00	PURGEABLE	TRANDUMP	STATIC

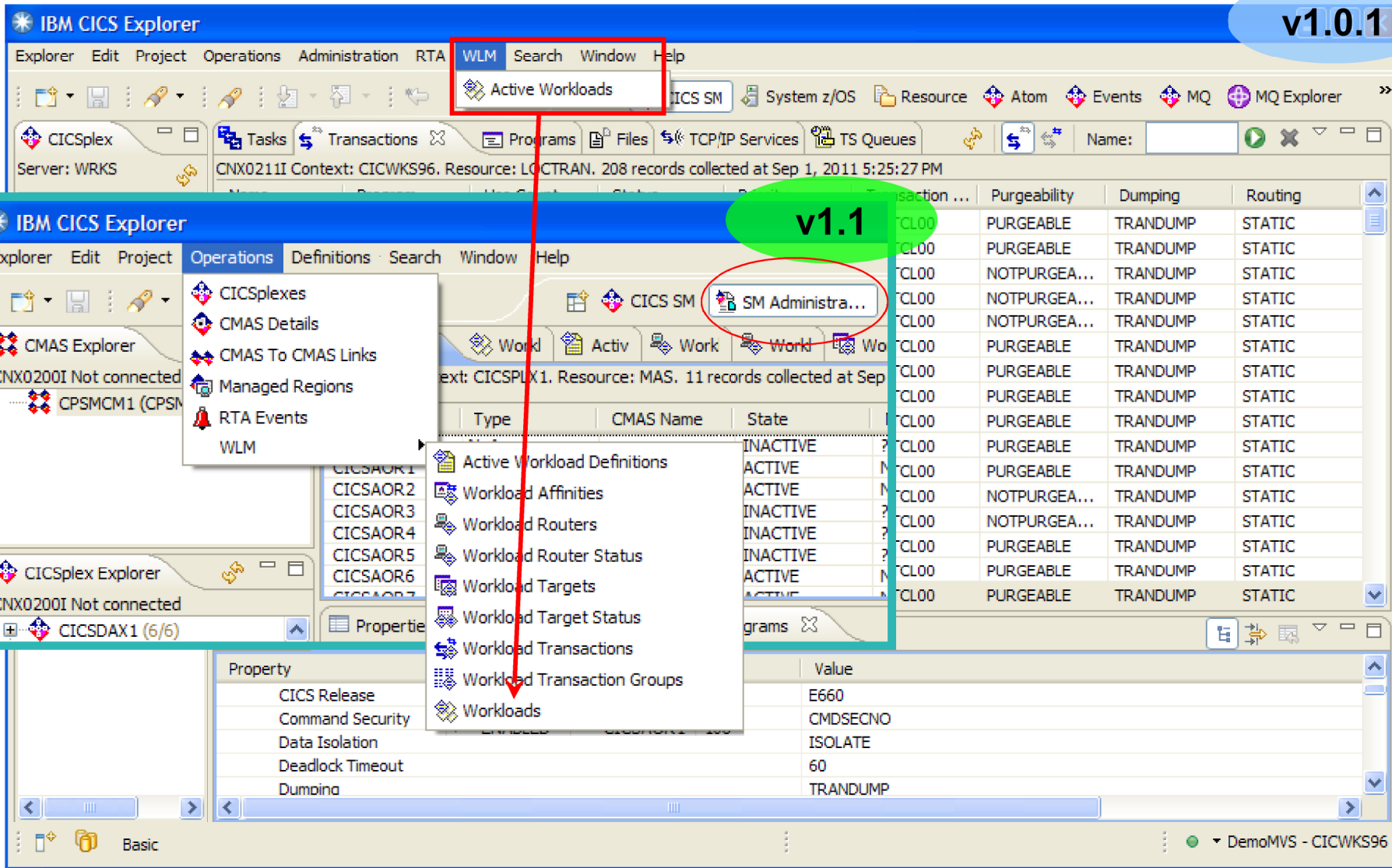
Property

- Transaction Classes
- TS Models
- Unit of Work Enqueues
- URI Maps
- Web Services
- WebSphere MQ
- XML Transform
- CICSplexes
- CMAS Details

Property	Value
C	E660
C	CMDSECO
D	ISOLATE
D	60
D	TRANDUMP



# New SM Administration Perspective



IBM CICS Explorer v1.0.1

WLM Search Window Help

Active Workloads

IBM CICS Explorer v1.1

SM Administra...

Type	CMAS Name	State	Purgeability	Dumping	Routing
CL00		INACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		ACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		INACTIVE	NOTPURGEA...	TRANDUMP	STATIC
CL00		INACTIVE	NOTPURGEA...	TRANDUMP	STATIC
CL00		ACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		INACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		INACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		ACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		ACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		INACTIVE	NOTPURGEA...	TRANDUMP	STATIC
CL00		INACTIVE	NOTPURGEA...	TRANDUMP	STATIC
CL00		ACTIVE	PURGEABLE	TRANDUMP	STATIC
CL00		ACTIVE	PURGEABLE	TRANDUMP	STATIC

Property

Property	Value
CICS Release	E660
Command Security	CMDSECO
Data Isolation	ISOLATE
Deadlock Timeout	60
Dumping	TRANDUMP

# New SM Admin

# pective



v1.0.1

IBM CICS Explorer Administration view. The main pane displays a list of transaction definitions for context CNX021II. The list includes columns for Name and Program Name (Progr).

Name	Progr
AADD	DFH\$A
ABRW	DFH\$A
ADMI	ADNCL
ADMR	ADNCL
ADMS	ADNCL
AINQ	DFH\$A
AMNU	DFH\$A
AORD	DFH\$A
AORQ	DFH\$A
AREP	DFH\$A
AUPD	DFH\$A
BNKD	EBBNK
BNKW	EBBNK
CADP	DFHDF
CATA	DFHZA
CATD	DFHZA

The left pane shows the CICSplex structure for server WRKS, including CICWKS96 (1/1) and CICWKS96 (C). The bottom pane shows the Properties view for the selected transaction, listing properties like CICS Release, Command Security, Data Isolation, Deadlock Timeout, and Dumpina.

IBM CICS Explorer Services view. The main pane displays a table of transaction details for the selected transaction.

Priority	Transaction ...	Purgeability	Dumping	Routing
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
1	DFHTCL00	NOTPURGEA...	TRANDUMP	STATIC
1	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
255	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
255	DFHTCL00	PURGEABLE	TRANDUMP	STATIC

The bottom pane shows the Properties view for the selected transaction, listing properties like Value, E660, CMDSECNO, ISOLATE, 60, and TRANDUMP.



# New SM Admin

# pective



v1.0.1

The screenshot displays the IBM CICS Explorer v1.1 interface. The 'Definitions' menu is open, showing options like 'CICSplex Definitions', 'CMAS To CMAS Link Definitions', 'System Definitions', and 'System Group Definitions'. A table of CICS resources is visible, with columns for Name, Type, CMAS Name, and State.

Name	Type	CMAS Name	State
CICSAORB	N_A		INACTIVE
CICSAOR1	LOCAL	CPSMCM1	ACTIVE
CICSAOR2	LOCAL	CPSMCM1	ACTIVE
CICSAOR3	N_A		INACTIVE
CICSAOR4	N_A		INACTIVE
CICSAOR5	N_A		INACTIVE
CICSAOR6	LOCAL	CPSMCM1	ACTIVE
CICSAOR7	LOCAL	CPSMCM1	ACTIVE

# New SM Admin Perspective



v1.0.1

The screenshot displays the IBM CICS Explorer interface. The 'Definitions' menu is open, showing options like 'CICSplex Definitions', 'CMAS To CMAS Link Definitions', 'System Definitions', and 'System Group Definitions'. A table of CICS resources is visible, with columns for Name, Type, CMAS Name, and State. A 'v1.1' label is overlaid on the 'SM Administra...' menu item.

Name	Type	CMAS Name	State
CICSAORB	N_A		INACTIVE
CICSAOR1	LOCAL	CPSMCM1	ACTIVE
CICSAOR2	LOCAL	CPSMCM1	ACTIVE
CICSAOR3	N_A		INACTIVE
CICSAOR4	N_A		INACTIVE
CICSAOR5	N_A		INACTIVE
CICSAOR6	LOCAL	CPSMCM1	ACTIVE
CICSAOR7	LOCAL	CPSMCM1	ACTIVE

# New SM Admin

# pective



v1.0.1

IBM CICS Explorer v1.0.1 interface showing a list of definitions on the left and a main workspace on the right. The list includes:

- Atom Service Definitions
- Bundle Definitions
- CICSplex Definitions
- CMAS To CMAS Link Definitions
- CorbaServer Definitions
- DB2
- Deployed JAR File Definitions
- Document Template Definitions
- Enqueue Model Definitions
- File Definitions
- IPIC Connection Definitions
- ISC/MRO Connection Definitions
- Journal Model Definitions
- JVM Server Definitions
- LIBRARY Definitions
- LSR Pool Definitions
- Map Set Definitions
- Partition Set Definitions
- Partner Definitions
- Pipeline Definitions
- Process Type Definitions
- Profile Definitions
- Program Definitions
- System Definitions
- System Group Definitions
- Request Model Definitions
- Session Definitions
- TCP/IP Service Definitions
- TD Queue Definitions
- Terminal Definitions
- Transaction Definitions
- Transaction Class Definitions
- TS Model Definitions
- Typeterm Definitions
- URI Mapping Definitions
- Web Service Definitions
- WebSphere MQ Connection Definitions
- Group List Definitions
- Resource Group Definitions

IBM CICS Explorer v1.1 interface showing a 'Definitions' menu and a table of system definitions. The menu items are:

- CICSplex Definitions
- CMAS To CMAS Link Definitions
- System Definitions
- System Group Definitions

The table below shows the system definitions:

Name	Type	CMAS Name	State
CICSAORB	N_A		INACTIVE
CICSAOR1	LOCAL	CPSMCM1	ACTIVE
CICSAOR2	LOCAL	CPSMCM1	ACTIVE
CICSAOR3	N_A		INACTIVE
CICSAOR4	N_A		INACTIVE
CICSAOR5	N_A		INACTIVE
CICSAOR6	LOCAL	CPSMCM1	ACTIVE
CICSAOR7	LOCAL	CPSMCM1	ACTIVE

# Dynamically Managing Workloads



## ■ Removing a CICS Region From the Plex on the Fly

The screenshot displays the IBM CICS Explorer interface with three main data panels:

- Workload Target Status:** Shows target regions and their associated metrics.
- Programs:** Shows the status and usage of programs across different regions.
- Transactions:** Shows transaction details, including routing and remote counts.

Target Region	Status	Route Selections	Workload Count	Routing Load	Task Load	Routing Weight	Route Abends
CICSAOR6	ACTIVE	1	1	6	2	2	0
CICSAOR7	ACTIVE	0	1	6	2	2	0
CICSAOR8	ACTIVE	82	1	4	1	1	0

Region	Name	Status	Use Count	Concu...	Language	Share Status	Mirror Tran...	Use Rate
CICSAOR6	DFH\$ABRW	✓ ENABLED	472	0	ASSEMBLER	PRIVATE		0.000
CICSAOR7	DFH\$ABRW	✓ ENABLED	115	0	ASSEMBLER	PRIVATE		0.000
CICSAOR8	DFH\$ABRW	✓ ENABLED	296	0	ASSEMBLER	PRIVATE		0.000

Region	Name	Program	Use Count	Status	Routing	Remote Count	Remote System
CICSAOR6	ABRW	DFH\$ABRW	472	ENABLED	STATIC	0	
CICSAOR7	ABRW	DFH\$ABRW	115	ENABLED	STATIC	0	
CICSAOR8	ABRW	DFH\$ABRW	301	ENABLED	STATIC	0	

# Dynamically Managing Workloads



## ■ Quesce the workload from Region 8

**Workload Target Status**  
CNX0211I Context: CICSOR8. Resource: WLMATARG. 1 records collected at Sep 5, 2011 12:14:30 AM

Target Region	Status	Route Selections	Workload Count	Routing Load	Task Load	Routing Weight	Route Abends
CICSAOR8	ACTIVE	139	1	4	1	1	0

**Programs**  
CNX0211I Context: CICSAOR8. Resource: PROGRAM. 1 records collected at Sep 5, 2011 12:14:29 AM

Region	Name	Status	Use Count	Concu...	Language	Share Status	Mirror Tran...	Use Rate
CICSAOR8	DFH\$ABRW	✓ ENABLED	388	0	ASSEMBLER	PRIVATE		0.000

**Transactions**  
CNX0211I Context: CICSAOR8. Resource: LOCTRAN. 1 records collected at Sep 5, 2011 12:14:30 AM

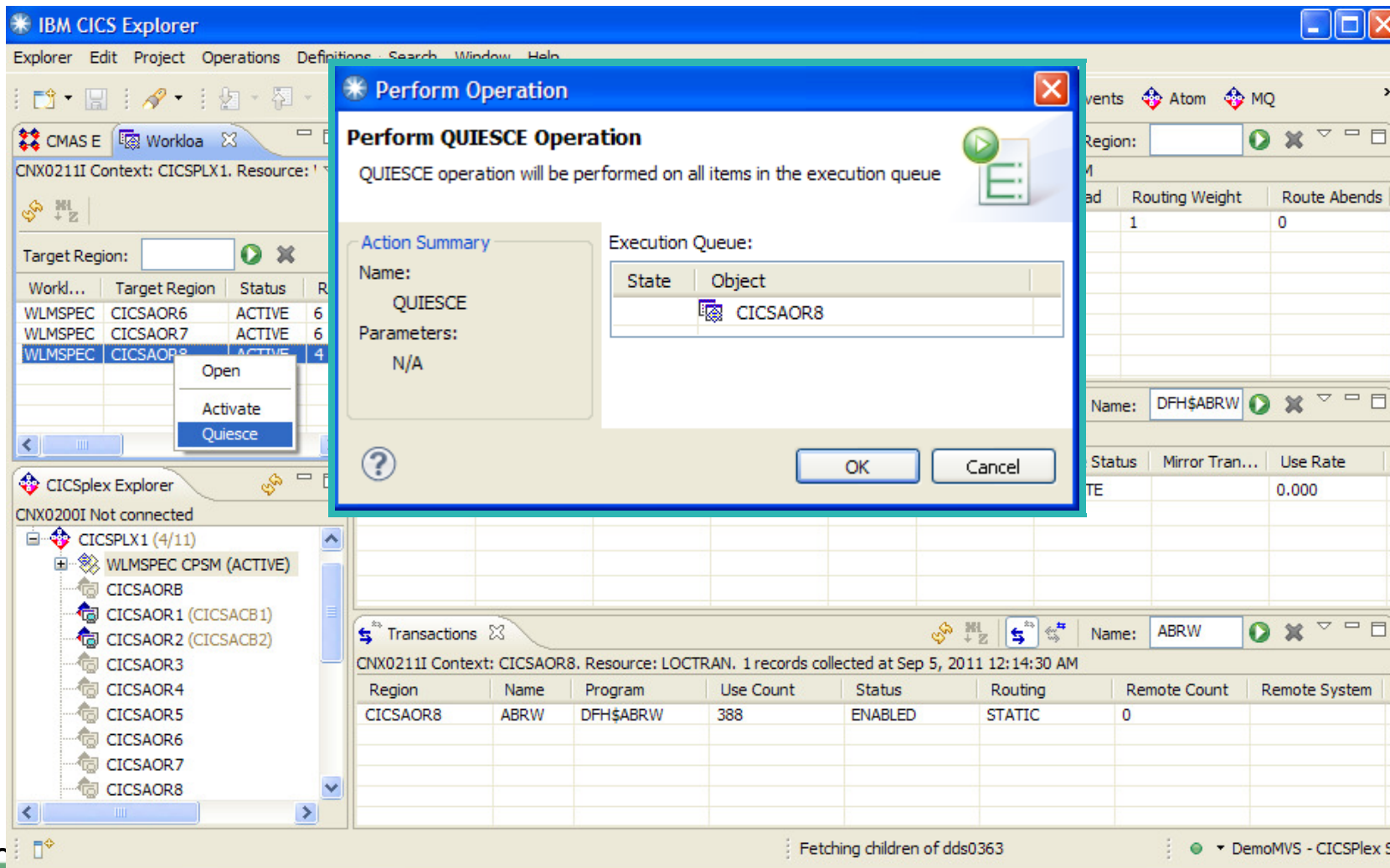
Region	Name	Program	Use Count	Status	Routing	Remote Count	Remote System
CICSAOR8	ABRW	DFH\$ABRW	388	ENABLED	STATIC	0	

**Workload Target Status Table (Context: CICSOR8)**

World...	Target Region	Status	Ro...
WLMSPEC	CICSAOR6	ACTIVE	6
WLMSPEC	CICSAOR7	ACTIVE	6
WLMSPEC	CICSAOR8	ACTIVE	4

# Dynamically Managing Workloads

## ■ Quesce Confirmation Box



The screenshot shows the IBM CICS Explorer interface with a 'Perform Operation' dialog box open. The dialog is titled 'Perform QUIESCE Operation' and contains the following information:

- Action Summary:** Name: QUIESCE, Parameters: N/A
- Execution Queue:** A table with columns 'State' and 'Object'. The object 'CICSAOR8' is selected.

The background interface shows a tree view of CICSplex Explorer with CICSOR8 selected. A context menu is open over CICSOR8 with options: Open, Activate, and Quiesce. The 'Quiesce' option is highlighted. Below the dialog, a 'Transactions' window shows details for CICSOR8, including a table with columns: Region, Name, Program, Use Count, Status, Routing, Remote Count, and Remote System.

Region	Name	Program	Use Count	Status	Routing	Remote Count	Remote System
CICSAOR8	ABRW	DFH\$ABRW	388	ENABLED	STATIC	0	

# Dynamically Managing Workloads



## ■ Quesce Completion Box

**Perform Operation**

**Perform QUIESCE Operation**

QUIESCE operation will be performed on all items in the execution queue

**Action Summary**

Name: QUIESCE

Parameters: N/A

**Execution Queue:**

State	Object
✓	CICSAOR8

OK Cancel

**IBM CICS Explorer**

Target Region: [ ]

World...	Target Region	Status
WLMSP6	CICSAOR6	ACTIVE
WLMSP6	CICSAOR7	ACTIVE
WLMSP6	CICSAOR8	QUIESCING

**CICSplex Explorer**

CNX0200I Not connected

CICSPLX1 (4/11)

- WLMSP6 CPSM (ACTIVE)
- CICSAOR8
- CICSAOR1 (CICSACB1)
- CICSAOR2 (CICSACB2)
- CICSAOR3
- CICSAOR4
- CICSAOR5
- CICSAOR6
- CICSAOR7
- CICSAOR8

**Transactions**

CNX0211I Context: CICSPLEX1. Resource: LOCTRAN. 5 records collected at Sep 5, 2011 12:15:15 AM

Region	Name	Program	Use Count	Status	Routing	Remote Count	Remote System
CICSAOR1	ABRW	DFH\$ABRW	671	ENABLED	DYNAMIC	565	C22A
CICSAOR2	ABRW	DFH\$ABRW	671	ENABLED	DYNAMIC	568	C22B
CICSAOR6	ABRW	DFH\$ABRW	518	ENABLED	STATIC	0	
CICSAOR7	ABRW	DFH\$ABRW	152	ENABLED	STATIC	0	
CICSAOR8	ABRW	DFH\$ABRW	463	ENABLED	STATIC	0	

Fetching children of dds0363

DemoMVS - CICSplex SM

# Dynamically Managing Workloads



## ■ Region 8 Quiesced – Can now be ShutDown

The screenshot displays the IBM CICS Explorer interface with three main panels:

- Workload Target Status:** Shows a table of workload targets for region CICSPLX1. Region 8 (CICSAOR8) is in a QUIESCED state.
- Programs:** Shows a table of programs for region CICSPLX1. All programs (CICSAOR1-8) are in an ENABLED state.
- Transactions:** Shows a table of transactions for region CICSPLX1. All transactions (ABRW) are in an ENABLED state.

The status of Region 8 is QUIESCED, which means it is no longer processing workloads and can be safely shut down.

Target Region	Status	Route Selections	Workload Count	Routing Load	Task Load	Routing Weight	Route Abends
CICSAOR6	ACTIVE	96	1	6	2	2	0
CICSAOR7	ACTIVE	80	1	6	2	2	0
CICSAOR8	QUIESCED	214	1	4	1	2147483647	0

Region	Name	Status	Use Count	Concu...	Language	Share Status	Mirror Tran...	Use Rate
CICSAOR1	DFH\$ABRW	✓ ENABLED	106	0	ASSEMBLER	PRIVATE		0.000
CICSAOR2	DFH\$ABRW	✓ ENABLED	103	0	ASSEMBLER	PRIVATE		0.000
CICSAOR6	DFH\$ABRW	✓ ENABLED	556	0	ASSEMBLER	PRIVATE		0.000
CICSAOR7	DFH\$ABRW	✓ ENABLED	190	0	ASSEMBLER	PRIVATE		0.000
CICSAOR8	DFH\$ABRW	✓ ENABLED	463	0	ASSEMBLER	PRIVATE		0.000

Region	Name	Program	Use Count	Status	Routing	Remote Count	Remote System
CICSAOR1	ABRW	DFH\$ABRW	712	ENABLED	DYNAMIC	606	C22A
CICSAOR2	ABRW	DFH\$ABRW	710	ENABLED	DYNAMIC	607	C22B
CICSAOR6	ABRW	DFH\$ABRW	558	ENABLED	STATIC	0	
CICSAOR7	ABRW	DFH\$ABRW	192	ENABLED	STATIC	0	
CICSAOR8	ABRW	DFH\$ABRW	463	ENABLED	STATIC	0	



# Dynamically Managing Workloads



## Switching to the CICS SM Perspective

IBM CICS Explorer

Explorer Edit Project Operations Definitions Search Window Help

CICS SM SM Administra... z/OS Resource Events Atom MQ

Tasks Transactions Programs Files TCP/IP Services TS Queues Global TS Queue Statistics Name: DFH\$ABRW

CNX0211I Context: CICSPLEX1. Resource: PROGRAM. 5 records collected at Sep 5, 2011 12:15:56 AM

Region	Name	Status	Use Count	Concu...	Language	Share Status	Mirror Transaction	Use Rate
CICSAOR1	DFH\$ABRW	✓ ENABLED	106	0	ASSEMBLER	PRIVATE		0.000
CICSAOR2	DFH\$ABRW	✓ ENABLED	103	0	ASSEMBLER	PRIVATE		0.000
CICSAOR6	DFH\$ABRW	✓ ENABLED	556	0	ASSEMBLER	PRIVATE		0.000
CICSAOR7	DFH\$ABRW	✓ ENABLED	190	0	ASSEMBLER	PRIVATE		0.000
CICSAOR8	DFH\$ABRW	✓ ENABLED	463	0	ASSEMBLER	PRIVATE		0.000

Regions Properties Internal Web Browser RTA Events Search Error Log Job Name:

CNX0211I Context: CICSPLX1. Resource: CICSRCN. 7 records collected at Sep 5, 2011 12:30:56 AM

Region	Job Name	MVS System ID	Task Count	CICS Status	CICS TS Level	Total CPU	Page In Count	Page Out Count	I/O Count
CICSAOR1	CICSAOR1	MVSA	7	✓ ACTIVE	040200	0000:00:05.1...	0	0	19221
CICSAOR2	CICSAOR2	MVSA	7	✓ ACTIVE	040200	0000:00:04.4...	0	0	13278
CICSAOR6	CICSAOR6	MVSA	6	✓ ACTIVE	040200	0000:00:05.4...	0	0	16705
CICSAOR7	CICSAOR7	MVSA	6	✓ ACTIVE	040200	0000:00:04.9...	0	0	16000
CICSAOR8	CICSAOR8	MVSA	4	✓ ACTIVE	040200	0000:00:04.2...	0	0	14455
CICSCM	CICSCM	MVSA			040200	0000:03:04.7...	21	0	28731
CICSWUI	CICSWUI	MVSA			040200	0000:03:35.2...	9	0	49787

Open  
ARM Restart  
Delete shipped terminal definitions  
Reset Time  
Security Rebuild  
Switch auxiliary tracing  
Shutdown  
Statistics  
Show SIT Parameters

Normally  
Immediately  
Takeover

Fetching children of dds0363 DemoMVS - CICSplex SM

# Dynamically Managing Workloads



- Region 8 is gone and the work continues with no Hiccups

The screenshot displays the IBM CICS Explorer interface with several panels open:

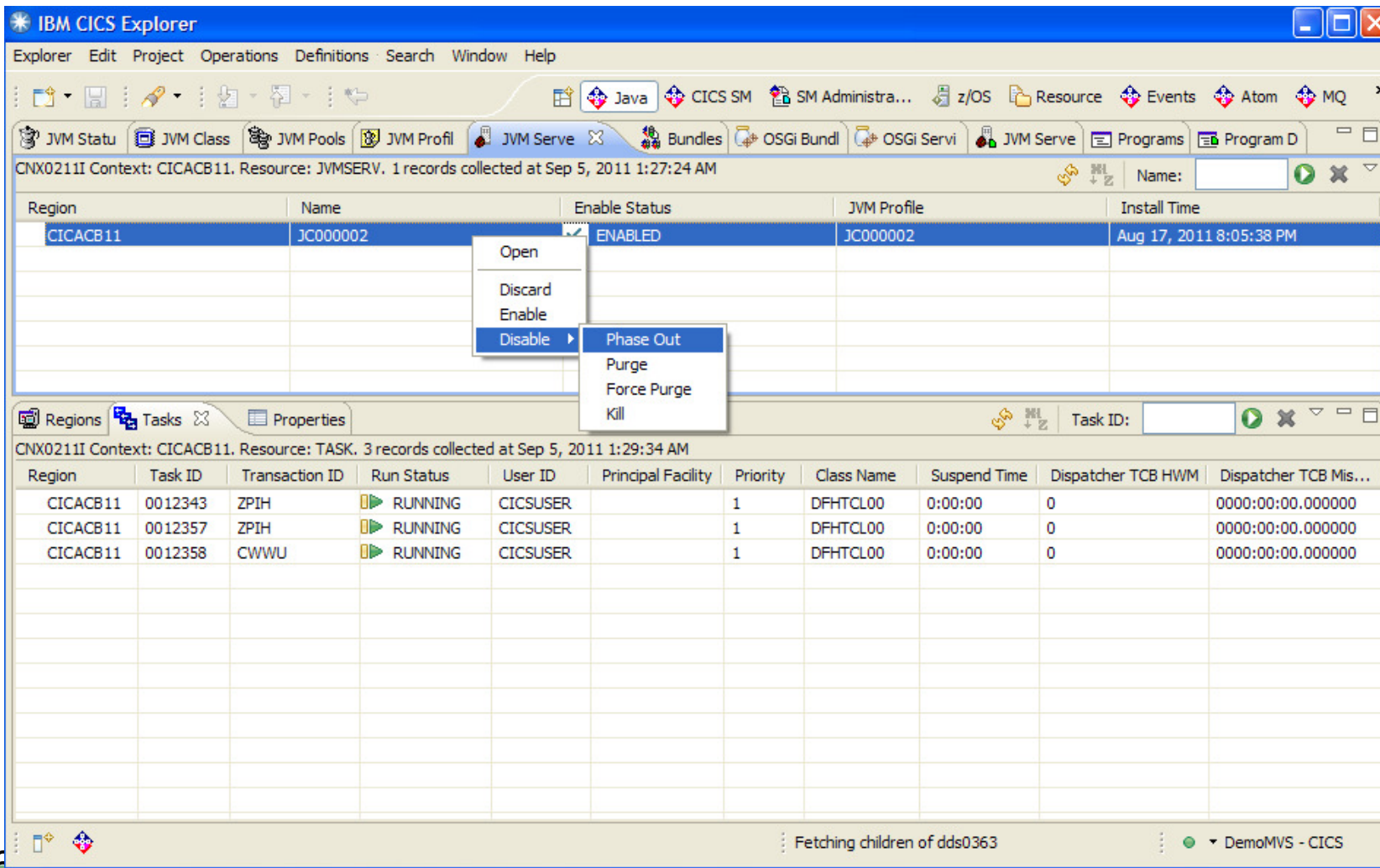
- Workload Target Status:** Shows a table of workload targets for CICSplex 1. The 'Target Region' is set to WLMATARG. Two records are shown, both for CICSOR6 and CICSOR7, both in an ACTIVE state.
- Programs:** Shows a table of programs for CICSplex 1. The 'Name' is DFH\$ABRW. Four records are shown for regions CICSOR1, CICSOR2, CICSOR6, and CICSOR7, all in an ENABLED state.
- Transactions:** Shows a table of transactions for CICSplex 1. The 'Name' is ABRW. Four records are shown for regions CICSOR1, CICSOR2, CICSOR6, and CICSOR7, all in an ENABLED state.
- CICSplex Explorer:** Shows a tree view of the CICSplex 1 structure. The 'CICSOR8' region is missing from the list, indicating it has been removed.

Target Region	Status	Route Selections	Workload Count	Routing Load	Task Load	Routing Weight	Route Abends
CICSAOR6	ACTIVE	165	1	6	2	2	0
CICSAOR7	ACTIVE	160	1	6	2	2	0

Region	Name	Status	Use Count	Concu...	Language	Share Status	Mirror Tran...	Use Rate
CICSAOR1	DFH\$ABRW	✓ ENABLED	106	0	ASSEMBLER	PRIVATE		0.000
CICSAOR2	DFH\$ABRW	✓ ENABLED	103	0	ASSEMBLER	PRIVATE		0.000
CICSAOR6	DFH\$ABRW	✓ ENABLED	618	0	ASSEMBLER	PRIVATE		0.000
CICSAOR7	DFH\$ABRW	✓ ENABLED	260	0	ASSEMBLER	PRIVATE		0.000

Region	Name	Program	Use Count	Status	Routing	Remote Count	Remote System
CICSAOR1	ABRW	DFH\$ABRW	783	ENABLED	DYNAMIC	677	C22A
CICSAOR2	ABRW	DFH\$ABRW	768	ENABLED	DYNAMIC	665	C22B
CICSAOR6	ABRW	DFH\$ABRW	619	ENABLED	STATIC	0	
CICSAOR7	ABRW	DFH\$ABRW	260	ENABLED	STATIC	0	

## ■ JVMServer DISABLE options



The screenshot shows the IBM CICS Explorer interface. The top pane displays the 'JVM Serve' view for region 'CICACB11'. A table lists the JVM profile 'JC000002' with an 'ENABLED' status. A context menu is open over this row, showing options: 'Open', 'Discard', 'Enable', 'Disable', 'Phase Out', 'Purge', 'Force Purge', and 'Kill'. The 'Disable' option is selected, and its sub-menu is visible.

Region	Name	Enable Status	JVM Profile	Install Time
CICACB11	JC000002	ENABLED	JC000002	Aug 17, 2011 8:05:38 PM

The bottom pane displays the 'TASKS' view for region 'CICACB11'. A table lists three running tasks:

Region	Task ID	Transaction ID	Run Status	User ID	Principal Facility	Priority	Class Name	Suspend Time	Dispatcher TCB HWM	Dispatcher TCB Mis...
CICACB11	0012343	ZPIH	RUNNING	CICSUSER		1	DFHTCL00	0:00:00	0	0000:00:00.000000
CICACB11	0012357	ZPIH	RUNNING	CICSUSER		1	DFHTCL00	0:00:00	0	0000:00:00.000000
CICACB11	0012358	CWWU	RUNNING	CICSUSER		1	DFHTCL00	0:00:00	0	0000:00:00.000000

# Summary


- Overview / History
- Install Information
- General
- z/OS
- Events
- Atom
- SM Administration
- Java
- Questions



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 [CICS-L list Forum  
listserv.uga.edu/archives/cics-l.html](http://listserv.uga.edu/archives/cics-l.html)



# Thank you, Any Questions?



# IBM CICS Explorer™

SHARE

Threadsafe, File, CPU,  
Response Time analysis  
Graphical and  
Sheet views

PA

Daemon &  
Connection  
Status & Test

TG

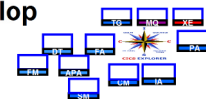
Configuration  
Status  
Control, Test

MQ

Status  
Situations  
Topology

XE

Develop  
Test  
Etc



RDz

CICS, IMS, DB2,  
& z/OS  
Abend Reporting  
& Diagnosis

FA

New!



Execution Tree  
Dependencies  
Queries  
Command Flow

IA

Deployment  
Discovery,  
Visualization,  
Automation & Control

DA

CICS, IMS,  
DB2, & z/OS  
Application  
Debugging

DT

CICS, IMS, DB2,  
& z/OS  
Observation Requests  
& Reporting

APA

CRUD/Install  
History, Audit  
Backout  
Search, Compare

CM

CRUD/Install  
Control, Filter  
Topology  
Events, ATOM

SM

[ibm.com/cics/tools](http://ibm.com/cics/tools)  
[ibm.com/cics/explorer](http://ibm.com/cics/explorer)  
[ibm.com/cics/explorer/download](http://ibm.com/cics/explorer/download)

S	CICS Transaction Server
M	CICS Interdependency Analyzer
IA	CICS Interdependency Analyzer
PA	CICS Performance Analyzer
C	CICS Configuration Manager
M	CICS Deployment Assistant
DA	CICS Deployment Assistant
TG	CICS Transaction Gateway

## CICS TS

APA	Application Performance Analyzer
FA	Fault Analyzer
DT	Fault Analyzer Debug Tool
MQ	WebSphere MQ
XE	OMEGAMON XE for CICS
RDz	Rational Developer for System z

# Call to Action

- **Learn more about CICS Explorer**
  - Read the [New CICS Explorer Redbook - SG24-7778](#)
  - Request a [CICS Smart Seminar](#) from your IBM account rep
- **Start using CICS Explorer**
  - Download from <http://ibm.com/cics/explorer/download>
- **Extend the value of the CICS Explorer**
  - Move to CICS TS V4.1 or V4.2
  - Add CICS Tools and other plug-ins
  - Build your own plug-ins



# CICS Explorer Redbook - SG24-7778



SG24-7778-00

- This **Redbook**® focuses on the new CICS Explorer
- The first part of the **Redbook** overviews the CICS Explorer, along with all the CICS Tools plug-ins
- The second part of the **Redbook** focuses on different scenarios in which the CICS Explorer can be used, along with the CICS Tools plug-ins to resolve different problems

- <http://www.redbooks.ibm.com/redpieces/abstracts/sg247819.html>

Draft Document for Review August 26, 2009 10:50 pm

## CICS Explorer



# CICS Explorer SDK Redbook - SG24-7819-00



SG24-7819-00

- This Redbook® focuses on the new CICS Explorer SDK
- The first part of the Redbook gives an overview of the CICS Explorer, along with an overview of Plugins and Eclipse
- The second part of the Redbook focuses on the SDK and how to write a Plugin and how to Extend the Explorer via Plugins
- Two Demos are included
- <http://www.redbooks.ibm.com/redpieces/abstracts/sg247819.html>

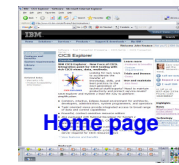
Draft Document for Review January 4, 2010 11:12 am

## Extend the CICS Explorer: A smart way to manage your CICS

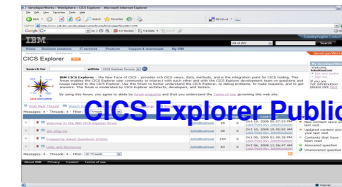


# CICS Communities and Information

- **CICS Transaction Server V4.2**
  - <http://ibm.com/cics/tserver/v42/>
- **CICS Explorer home page**
  - Remember this link [ibm.com/cics/explorer](http://ibm.com/cics/explorer)
- **CICS Explorer Forum**
  - <http://tinyurl.com/68bndw>
  - IBM developerWorks forum with FAQs, Links and resources, ISV Contributions, etc. Ask questions, suggest improvements, report problems, chat
- **New! CICS Hub on the Rational COBOL Café**
  - <http://ibm.com/software/rational/cafe/community/cobol/cics>
- **Twitter**
  - Subscribe to the [IBM\\_System\\_z](#) channel to get CICS Explorer news flashes
- **CICS Blog**
  - Comment and opinion at [TheMasterTerminal.com](http://TheMasterTerminal.com)
- **CICS eNews**
  - Subscribe for news about CICS and related products
- **YouTube channels**
  - [CICS Explorer](#) - Videos, demos and other cool stuff
  - [CICSFluff](#) - Other CICS videos



CICS Explorer Public Forum



# Sources of Info

## ▪ Web

- CICS Tools
  - Home page [ibm.com/cics/tools/](http://ibm.com/cics/tools/)
- CICS Explorer
  - Home page [ibm.com/cics/explorer](http://ibm.com/cics/explorer)
  - Download page <http://ibm.com/cics/explorer/download>
- CICS TS home page [ibm.com/cics](http://ibm.com/cics)

## ▪ Demos and animations

- CICS Explorer demo - featuring Threadsafe Analysis using the CICS PA and CICS IA perspectives - <http://www.youtube.com/watch?v=Jk3Ydvl8lno>
- CICS Explorer animation - <http://www.youtube.com/watch?v=-NzWwUi5lLw>
- CICS Transaction Server in your SOA - Great source of links to more CICS ecosystem information - [ftp://ftp.software.ibm.com/software/http/cics/presentations/CICS\\_TS\\_in\\_your\\_SOA/](ftp://ftp.software.ibm.com/software/http/cics/presentations/CICS_TS_in_your_SOA/)

# Let's Build a Smarter Planet on System z

