



IMS Configuration Manager: Hands-on Lab

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Session 14004



Agenda

- Product overview
- Hands-on with the batch capabilities
 - Resource Take-up
 - Automatic Diffs
 - Conditioning and install
- Hands-on with the ISPF dialog
 - Viewing and managing change packages
 - Managing PROCLIB members; discovering PROCLIB options
- Hands-on with the Graphical User interface
 - Resource management
 - IMS Commands
 - Enterprise parameter management

Background



Time to market

- Introduce changes as they are needed
- Allow developers to do more independently
 - Manage sandbox systems
 - Submit change requests

Availability and reliability

- Reduce impact of changes
- Makes changes easier to reverse
- Ensure you know what is changing where and how

Drivers for change

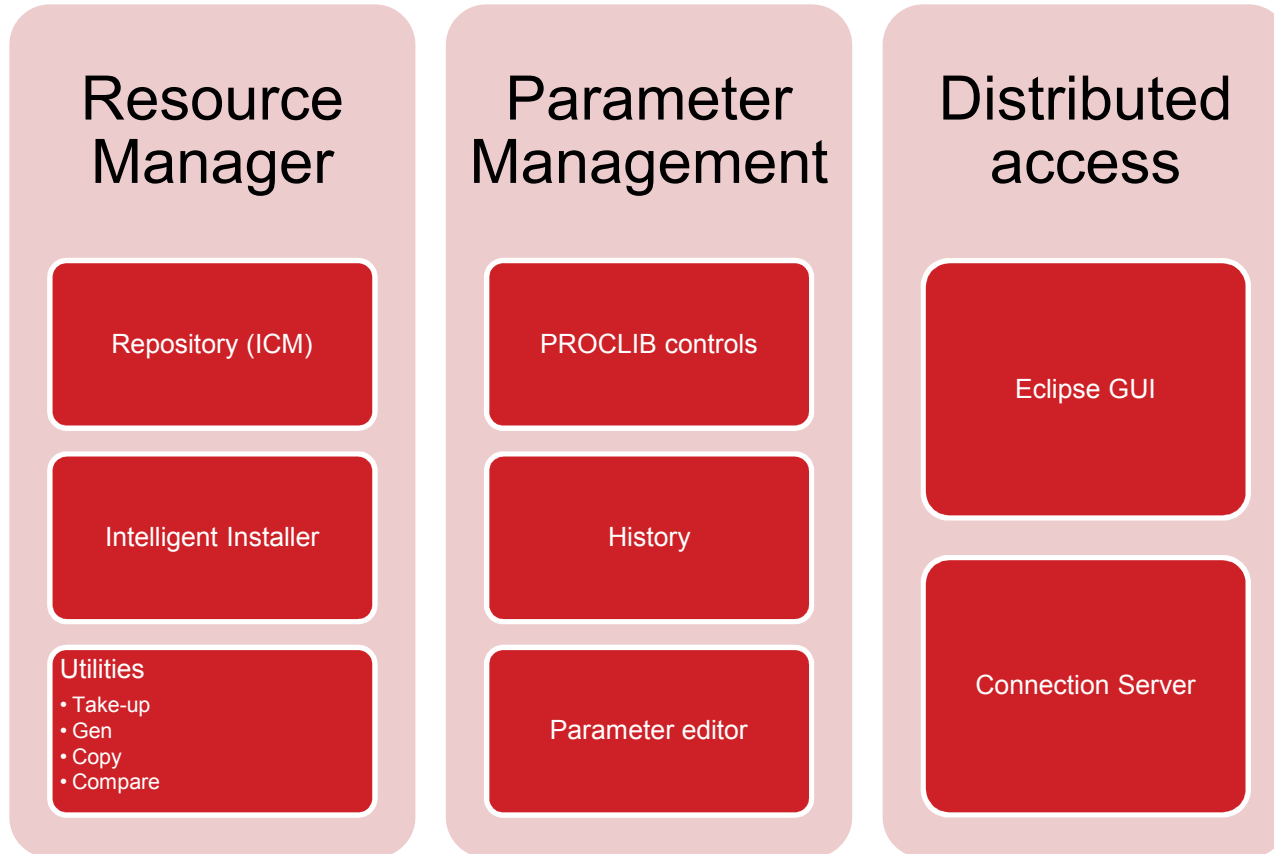
Loss of 'tribal' knowledge

- Reliance on in-house applications
- Lack of standardization of processes
- Disparate and inconsistent configuration through organic processes of acquisition and diversification

Broader challenges

- Change is fundamentally disruptive to existing processes
- Lack of understanding of the end-to-end configuration
- Organizational impact

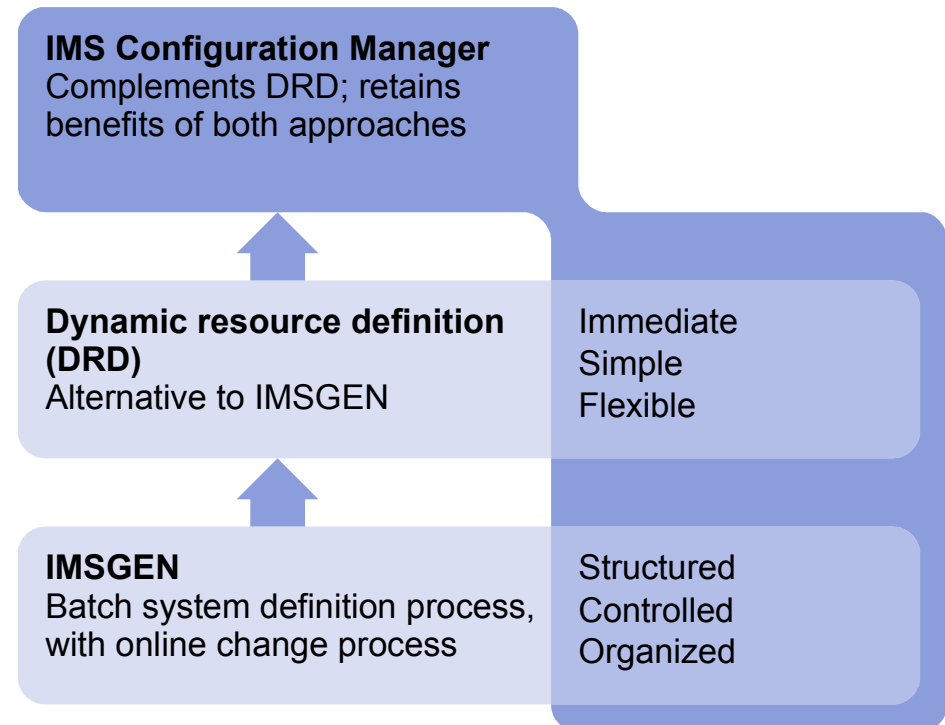
Overview



Streamline resource management with DRD



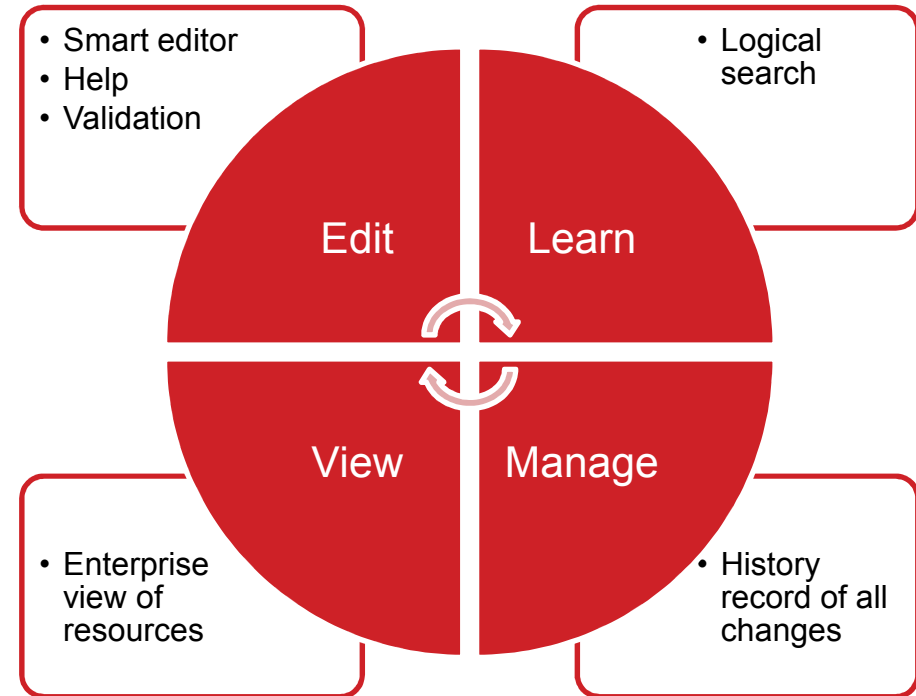
- DRD offers the promise of a modern approach to application development and management
- Reduces the need for performing an MSGEN
- More flexible and immediate than an online change
- But can you retain processes, control, and structure you have developed over years?
- IMS Configuration Manager adds structure to the DRD process.
 - Maintain your processes but gain the benefits of DRD
 - Add a layer of audit and control that allows you to open up the process to developers
 - Automation and reversibility of change process



Modernize parameter management



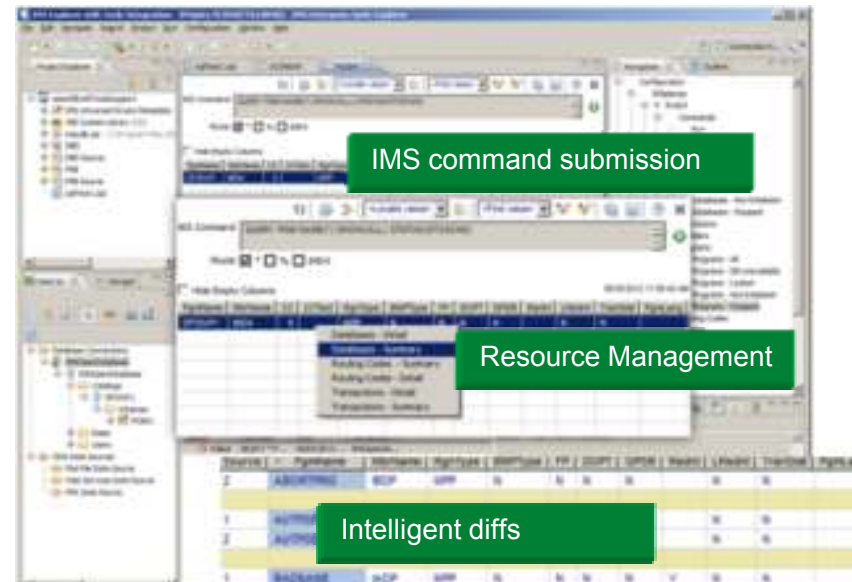
- How do you...
 - reduce the risk of changing settings that have not been altered in years?
 - identify differences across systems and LPARs?
 - learn about and apply new settings and parameters?
 - ensure a high-level of operational integrity with less experienced staff?
- IMS Configuration Manager helps you control, audit, and validate the parameter definition process



Centralized management of IMS systems



- Browse objects managed by IMS Configuration Manager
- Submit commands to running IMS systems
- Manage and analyze parameter configurations across all your global sites
- Search, filter, compare, and export results to spreadsheet applications
- Provides tight integration with IMS Connect Extensions GUI
- Works with IMS Explorer, CICS Explorer, and Rational



IMS command submission

Resource Management

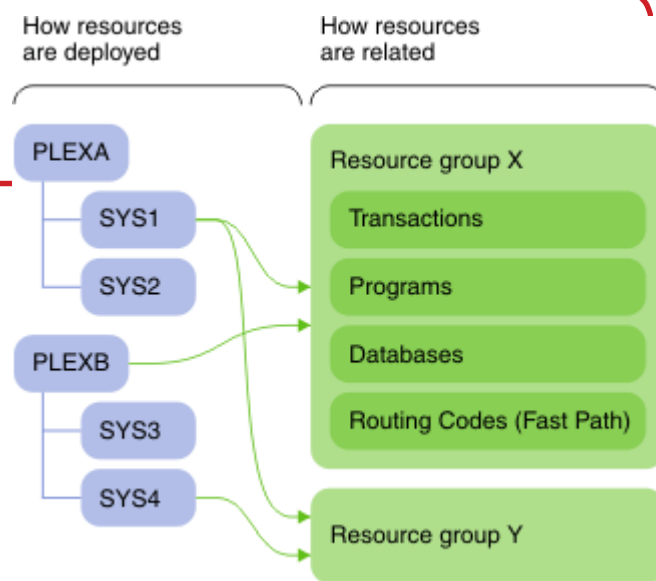
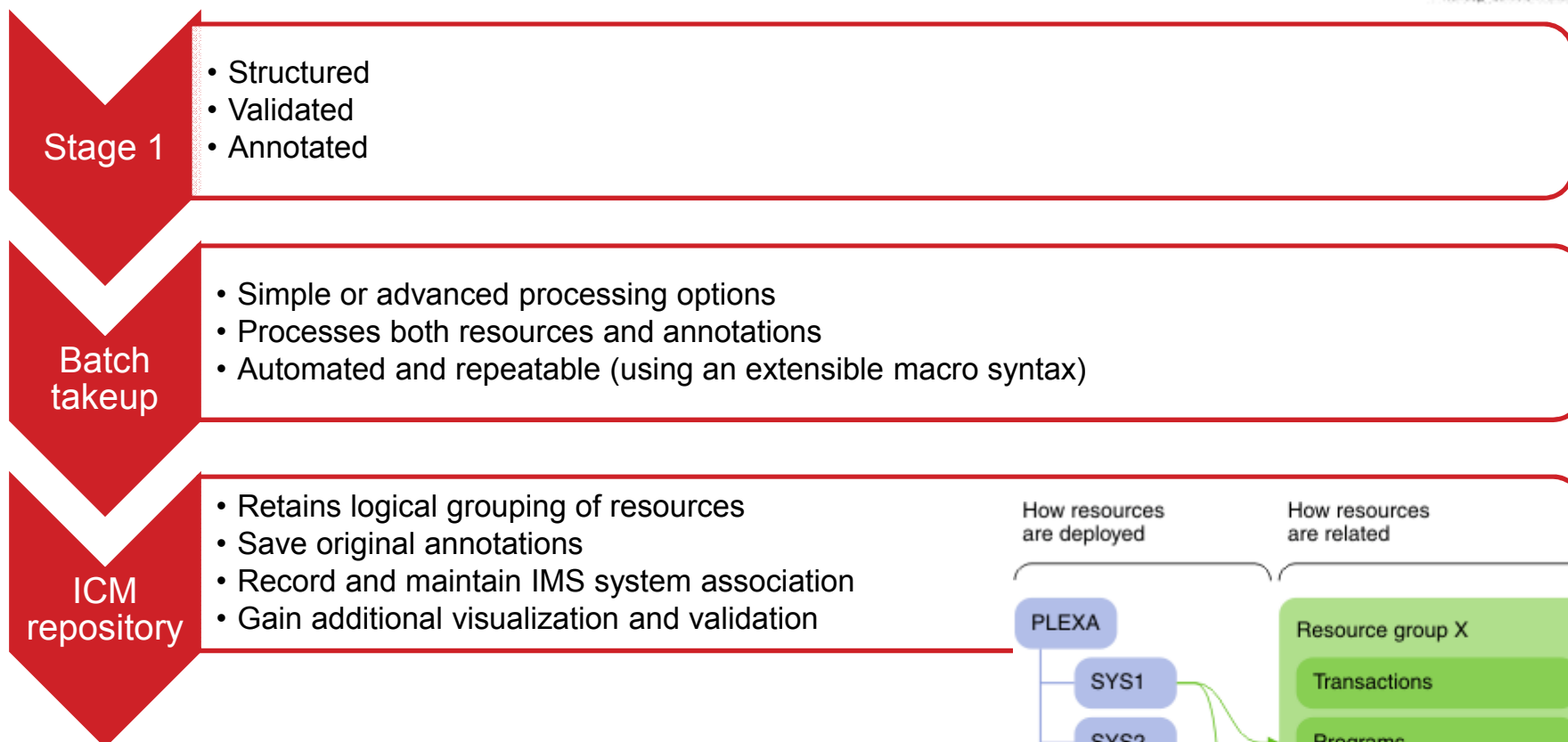
Intelligent diffs

MemberName	APPLID1	CPLDG	CSAFSB	CSLG	DBRCMI	DEWIP	DC	DLP5B	DRB	DSECT	FBP	FRF	RLM	LSO	LUMC	LUMP	MAXPST	OTMAASY	OTIARM	PRINC	PRMAX
DFSPB00H	BIABMS0	500K	4500K	DBA	ABSXDRG	32	00H	15H	400	M	7H	1200	Y	S			500	S	BIABMS0	4	2000
DFSPB01H	BIABMS1	500K	4500K	DBA	ABS1XDRG	32	01H	15H	400	M	7H	1200	Y	S			500	S	BIABMS1	4	2000
DFSPB02H	BIABMS2	500K	4500K	DBA	ABS2XDRG	32	02H	15H	400	M	7H	1200	Y	S			500	S	BIABMS2	4	2000
DFSPB03H	BIABMS3	500K	4500K	DBA	ABS3XDRG	32	03H	15H	400	M	7H	1200	Y	S			990	S	BIABMS3	4	2000
DFSPB00H	BIH5MS0	16H	2000	D5H	H5S1XDRG	28	00H	6000	400	H	400	1000	N	S			800	S	BIH5MS0	4	2000
DFSPB01H	BIH5MS1	16H	2000	D5H	H5S1XDRG	28	01H	6000	400	H	400	1000	N	S			800	S	BIH5MS1	4	2000
DFSPB00C	BIOCMS0	16H	3500	DCO	DCS1XDRG	32	00C	500	100	C	3000	4000	N	S	50H	500H	400	S	BIOCMS0	4	8000
DFSPB01C	BIOCMS1	16H	3000	DCO	DCS1XDRG	32	01C	300	100	C	3000	4000	N	S			400	S	BIOCMS1	4	5000
DFSPB04C	BIOCMS4	16H	3000	DCO	DCS4XDRG	32	04C	300	100	C	3000	4000	N	S			400	S	BIOCMS4	4	5000
DFSPB05C	BIOCMS5	16H	3000	DCO	DCS5XDRG	32	05C	300	100	C	3000	4000	N	S			400	S	BIOCMS5	4	8000
DFSPB00B	BIVHMS0	16H		DHV	VHS1XDRG		00B			B	7H	5000					990	S	BIVHMS0		
DFSPB01B	BIVHMS1	16H		DHV	VHS1XDRG		01B			B	7H	5000					990	S	BIVHMS1		
DFSPB02B	BIVHMS2	16H		DHV	VHS1XDRG		02B			B	7H	5000					800	S	BIVHMS2		
DFSPB03B	BIVHMS3	16H		DHV	VHS1XDRG		03B			B	7H	5000					800	S	BIVHMS3		

Enterprise parameter management



Getting started



Log on to the mainframe

1. Logon to the mainframe system: the instructor will give you your session user name and password
2. From the ISPF primary option menu, select option 6
3. Enter the start up credentials shown below

Menu List Mode Functions Utilities Help

ISPF Command Shell

Enter TSO or Workstation commands below:

```
===> EX 'PRODUCTS.GPL.SGPLEXEC(GPLOREXX)' 'PRODUCTS.GPL'
```

Place cursor on choice and press enter to Retrieve command

```
=> EX 'PRODUCTS.FUW.SFUWEXEC(FUWOREXX)' 'PRODUCTS.FUW'  
=> EX 'PRODUCTS.IMSPI.SALZEXEC(ALZOREXX)' 'PRODUCTS.IMSPI'  
=> EX 'PRODUCTS.IMSPA.SIPIEXEC(IPIOREXX)' 'PRODUCTS.IMSPA'
```

Take-up resources

1. Select option **3 Resources**
2. Enter the primary command **NEW**

```
                                New Resource Group
Press PF3 to create the resource group, PF12 to cancel

Name . . . . . MYRG
IMSID . . . . . _____ +
Description . . . . . A resource group created via takeup

/ Add resources via Takeup
Input type . . . . . 1 1. Stage 1 macros
                               2. RDDS
Input file . . . . . 'WORKSHOP.GPL.TAKEUP(STAGE1)'
User macro file(s) _____
                               _____
                               _____
                               _____

/ Create notes from comments (stage 1 only)
```

Take-up from RDDS or Stage 1

Convert comments in stage 1 to notes

Take-up resources - JCL

File Edit Edit_Settings Menu Utilities Compilers Test Help

```

EDIT          IMPOT45.ISP07625.SPFTEMP1.CNTL          Columns 00001 00072
Command ==>                                         Scroll ==> CSR
000008 //ASMLIB   DD  DSN=PRODUCTS.GPL.SGPLSAMP,
000009 //          DISP=SHR
000010 //ASMUT1   DD  UNIT=SYSDA,SPACE=(CYL,(1,1))
000011 //ASMPUNCH DD  UNIT=SYSDA,SPACE=(CYL,(1,1))
000012 //ASMPRINT DD  SYSOUT=*
000013 //OUTREPOS DD  DSN=IMPOT45.GPL.REPOS,
000014 //          DISP=SHR
000015 //INPUT1   DD  DSN='WORKSHOP.GPL.TAKEUP(STAGE1)',
000016 //          DISP=SHR
000017 //SYSPRINT DD  SYSOUT=*
000018 //SYSIN     DD  *
000019 TAKEUP FROM(STAGE1,INPUT1) +
000020 TO(REPOSITORY,OUTREPOS) +
000021 RG('MYRG', +
000022 'A resource group created via takeover') +
000023 INCLUDE(ALL) +
000024 ASMCOMMENTS(CREATENOTES)
000025 /*
000026 //
*GPL

```

Uses your assembly libraries

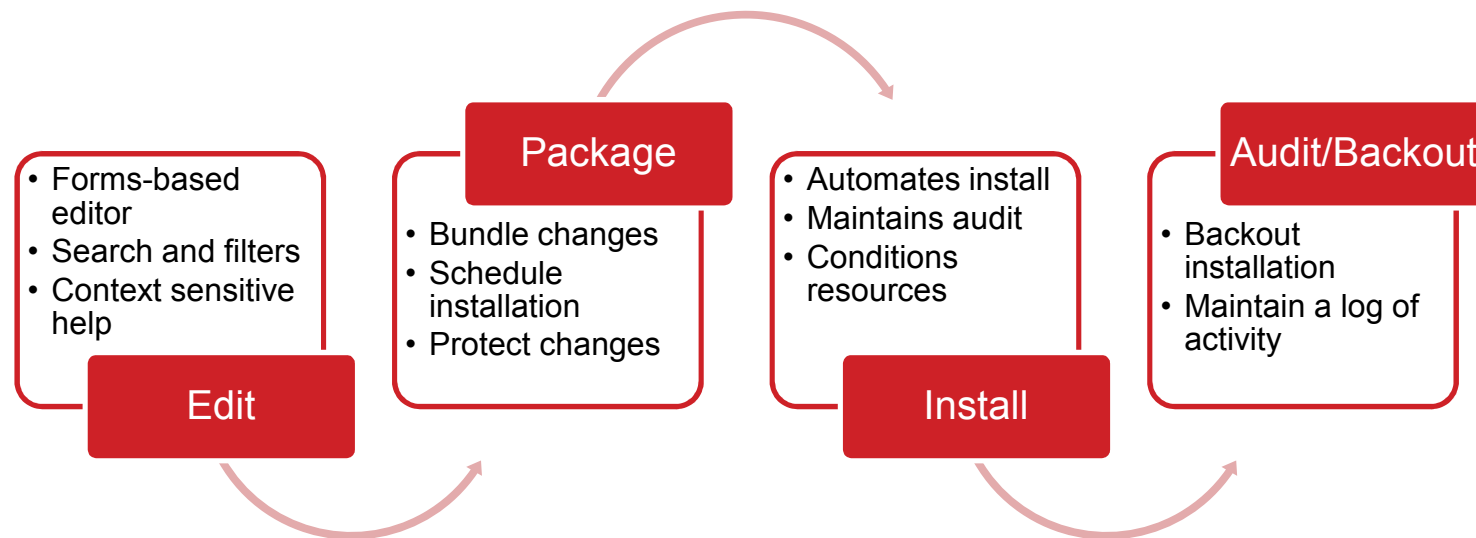
Input can include additional automation

Generated JCL is reusable – no ISPF interaction required

Workflow: updating and implementing changes to resources

- Provides an *offline* update process
- Bundle changes together into change packages
- Rollup one batch of changes and then begin work on the next update cycle
- If you want to utilize DRD, apply changes to live system with intelligent installer or by creating an RDDS
- You can still use the product to perform a GEN

ICM Processes: updating resources using DRD



Forms for creating and updating resources

```

File  Help
-----
EDIT                               Transaction BILLING
Command ==> _____

Update transaction definition.

Name      . . . . : BILLING
Description . . . . _____ Notes...
Model Name . . . . : Model used to create this resource
Model Type . . . . : Type of model (DESC, RSC)

Attribute      Description
AOCMD . . . . N      AOI command option (CMD, N, TRAN
CLASS . . . . 1      Class (1-999)
CMTMODE . . . . SNGL  Commit mode (SNGL, MULT)
CONV . . . . N      Conversational (Y, N)
DCLWA . . . . -      Log write-ahead option (Y, N)
DIRROUTE . . . . N      MSC direct routing option (Y, N)
EDITRTN . . . . _____ Input edit routine
EDITUC . . . . Y      Edit to uppercase (Y,
EMHBSZ . . . . _____ EMH buffer size (12-3
EXPRTIME . . . . 0      Expiration time (0-65
*GPL
  
```

More: +

1. Select option **3 Resources**
2. Select the Billing Resource Group
3. Select the Billing transaction (TRN)

- Context sensitive help
- Extensive validation
- Notes

Structure your process

```
File Help
Change Packages - System View      Row 1 of 5 More: <
Command ==> NDW                    Scroll ==> PAGE
IMSID . . . . . : IMSA Version . . : 11.1
System Description :
IMSplex . . . . . : PLXA

/ Create Date/Time  Change Package Name  Status  Condition  Type
/ 2011-03-17 15:56:21 EMER PLXREGEN  CLOSED  NOTSCHED  CMD
/ 2011-03-17 15:55:53 PLXREGEN      CLOSED  NOTSCHED  GEN

*****
Command ==>
Create Change Package
Change Package . . . APP2_01
Description . . . . Updates to new app
IMSplex . . . . . PLXA
IMSID . . . . . IMSA

Change Package Name: APP2_01
Output Type:

File Help
Select Change Package Resources    Row 1 to 15 of 15
Command ==>                        Scroll ==> PAGE
CP Name . . . . . : APP2_01
CP description . . : Updates to new app
IMSplex . . . . . : PLXA
IMS ID . . . . . : IMSA Version . . : 11.1

View . . . . . 2
1. Resource Groups
2. Resource Group elements

/ CP Resource Type Resource Group  Len  Changed
/ *  BILL DATABASE BILL 5 2011-03-16 14:27
/  BILL TRAM BILL 5 2011-03-16 14:27
/  BILLPGM PROGRAM BILL 5 2011-03-16 14:27
/  BILLPGM2 PROGRAM BILL 5 2011-03-16 14:29
/  BILLSYSO TRAM BILL 5 2011-03-16 14:28
/  BILL2 TRAM BILL 5 2011-03-16 14:26
/  BILL3 TRAM BILL 5 2011-03-16 14:26
/  BILL4 TRAM BILL 5 2011-03-16 14:26
/  BILL5 TRAM BILL 5 2011-03-16 14:27
/  DBPART DATABASE UTEL 5 2011-03-17 15:30
/  IVP TRAM UTEL 5 2011-03-18 14:41
/  PART PROGRAM UTEL 5 2011-03-18 14:42
/  UTILPGM PROGRAM UTEL 5 2011-03-17 15:50
/  UTILT1 TRAM UTEL 5 2011-03-17 15:50
/  UTILT2 TRAM UTEL 5 2011-03-17 15:50
***** Bottom of data *****

File Help
Command ==>
Change Package type 1. COMMAND (CMD) - Selected resources
                   2. GENERATE (GEN) - Complete system image
Output Type . . . . 1. Stage 1 Macros
                   2. Cold Start RDDS
```

When ready, bundle changes in a package

Pick individual resources

Bundle all resources for a given system

Continue working on the next update cycle

Install or gen the resources

Creating a change package

1. Select option **4 Package**
2. Enter the primary command **NEW**
3. Press F3 when you have completed the form

```

                                Create System Change Package

Press PF3 to create the change package, PF12 to cancel

Change Package . . . MONTHLY
Description . . . . .
IMSID . . . . . IADP +
IMSpIex . . . . . : PLXDP

Change Package type 1 1. COMMAND (CMD) - Selected resources
                        2. GENERATE (GEN) - Complete system image

Output Type . . . . - 1. Stage 1 Macros
                        2. Cold Start RDDS
  
```


Creating a change package

1. Select the OPEN change package you have created

```

File  Help
-----
EDIT          All Change Packages          Row 1 of 8 More: <>
Command ==> _____ Scroll ==> PAGE

Enter NEW to create a new IMS System Change Package

/
  Create Date/Time  Change Package Name  IMS  Status  Cond  Type
  ==*              *              *   *       *    *
s  2013-08-12 20.06.00 MONTHLY          IADP OPEN  NOTSCHED CMD
  2011-01-31 15.19.47          IBDP CLOSED SCHED  GEN
  2011-01-31 15.13.13 Example CP          IBDP CLOSED SCHED  CMD
  2011-01-31 14.59.33 Monthly cold start          IBDP CLOSED SCHED  GEN
  2011-01-31 10.18.21 EMER update 1              IBDP OPEN  NOTSCHED CMD
  2011-01-28 11.19.30          IBDP CLOSED INSTOK  CMD
  2011-01-25 15.46.41 RDDS TEST                  IADP CLOSED SCHED  GEN
  0000-00-00 00.00.00 EMER                      IBDP CLOSED NOTSCHED GEN
***** Bottom of data *****

```

Creating a change package

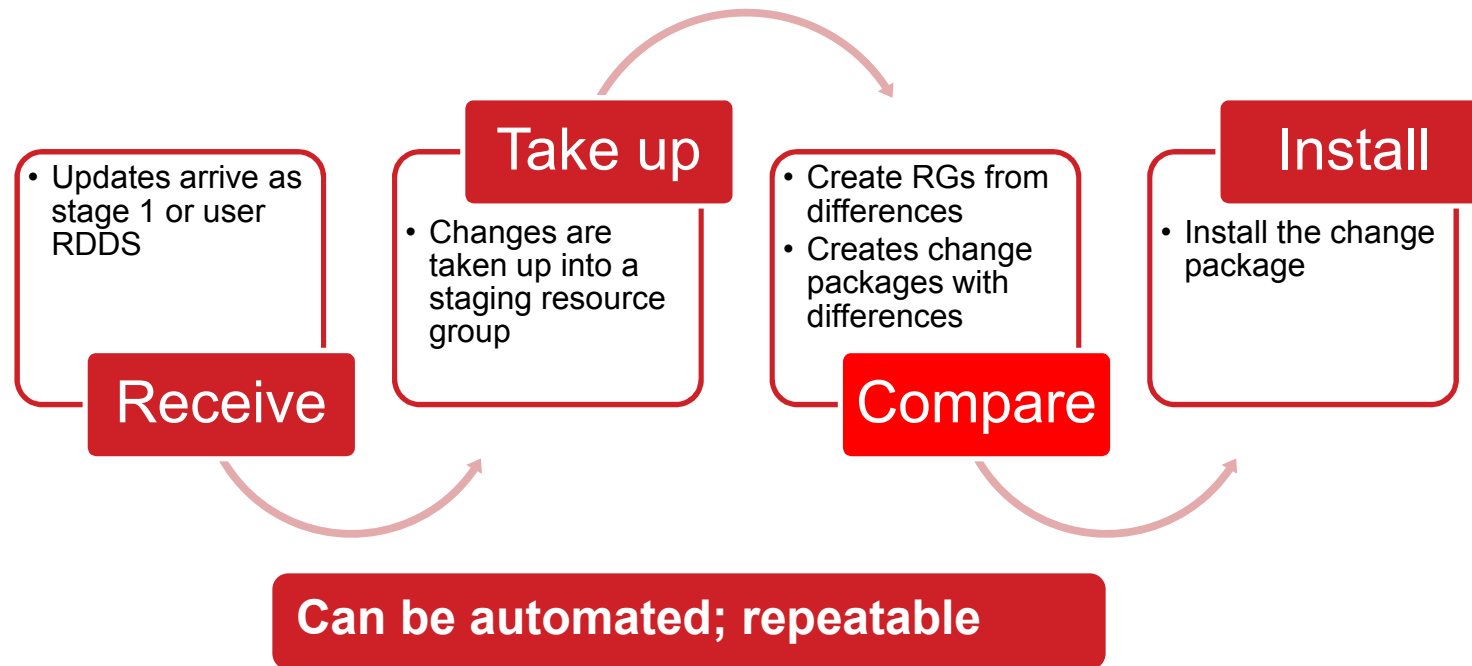
1. Enter the primary command **PICK**
2. Select the PAYROLL RG to include it in the change package: all resources in the group are selected, but only the resources that need to be updated will be installed

```

CP      Resource Group      Lvl    Changed
*      *                    *      ==*
S      PAYROLL              C      2011-01-27 10.10.28
***** Bottom of data *****
  
```

*GPL

Alternative: providing updates as stage1



Take-up with compare example

```

File Edit Edit_Settings Menu Utilities Compilers Test Help
VIEW IMPOT00.GPL.WORKSHOP.JCLUTIL(TAKEUS10) - 01.08 Columns 00001 00072
Command ===> Scroll ===> PAGE
000038 COMPARE +
000039     INPUT1(RG('IMPOT21 BASE') +
000040             IMSID(ICDP) +
000041             DDNAME(REPOSITORY,OUTREPOS)),
000042     INPUT2(RG('EMPTY RG') +
000043             DDNAME(REPOSITORY,OUTREPOS)), +
000044     UPDCP(NAME('IMPOT21 Updates APP A') +
000045             IMSID(ICDP) +
000046             MATCH(INPUT1) +
000047             NOMATCH(INPUT1(CREATE_RES),INPUT2(DELETE_RES)) +
000048             UPDREPOS(INPUT1))
000049 /*
000050 //
***** ***** Botto *****

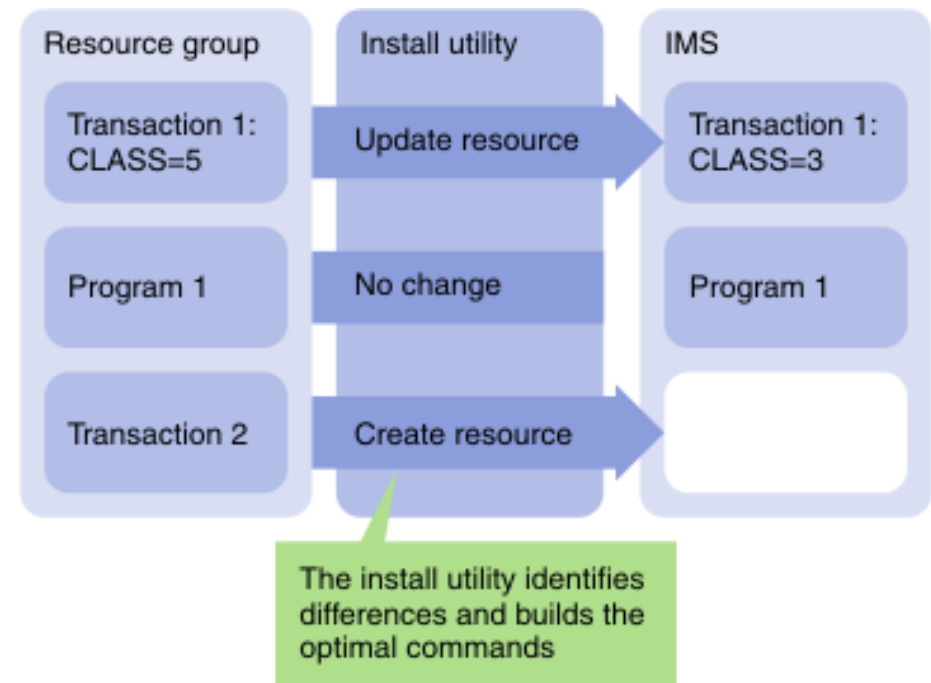
```

Compare an RG obtained via takeup (step above) to an existing RG

Create a change package with the difference

IMS Configuration Manager resource installer

- The installer provides enhanced services on top of the IMS type-2 command interface
- Automatically determines optimum method of install
- Rollback option
- Full-logging of install activity
- Builds and records system image



The installer conditions resources for online installation



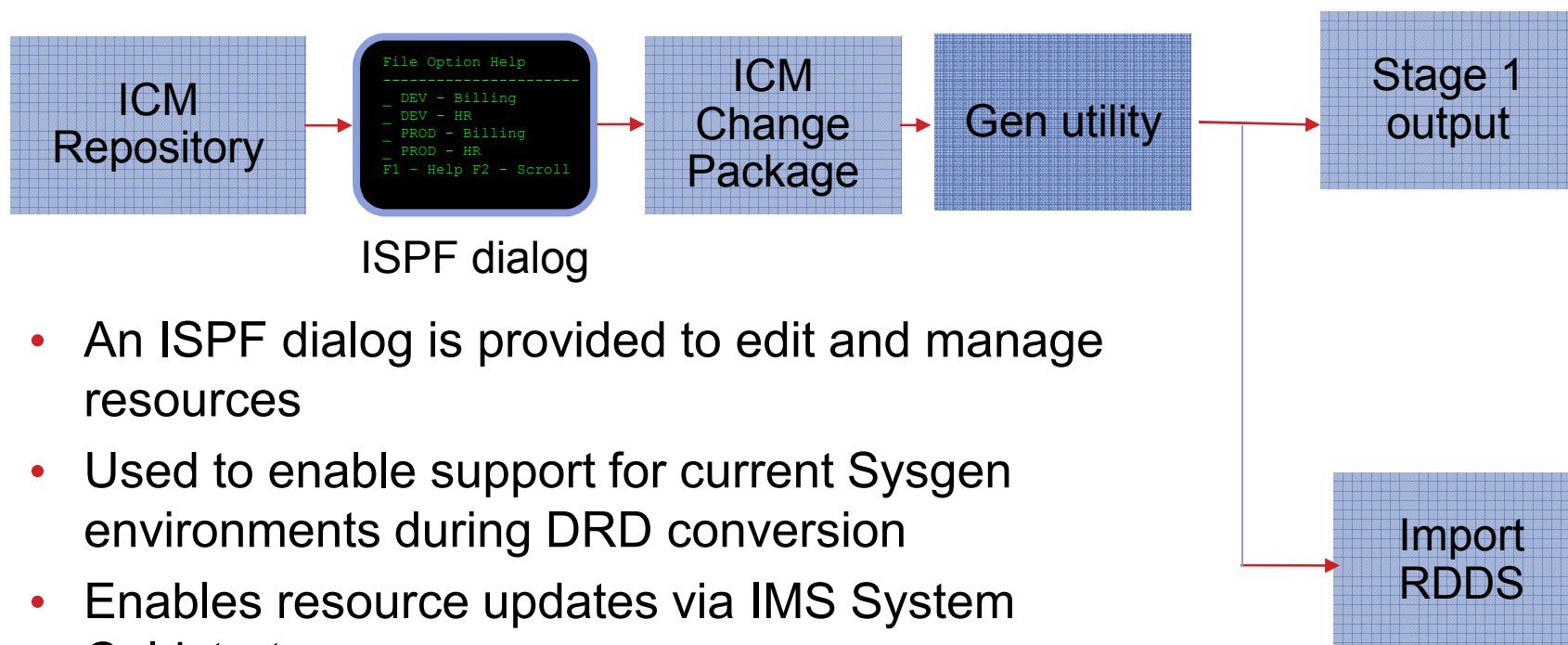
- Automated resource installation using *IBM's documented best practices*
- Identifies resources that are in use
- Distinguishes between recoverable and unrecoverable errors
- Can stop new activity to the resource and wait for a specified duration
- ICM retries updating the resources (number of retries configurable)
- After resource is updated, reactivates the resources



IMS Configuration Manager resource installer - BACKOUT

- Each change that is made is tracked in the repository
- A BACKOUT command can be used to reverse the changes
- Backout allows you to ensure changes you make are reversible

ICM Processes: Generate



- An ISPF dialog is provided to edit and manage resources
- Used to enable support for current Sysgen environments during DRD conversion
- Enables resource updates via IMS System Coldstart

Parameter management – listing and search



- Semantic search: finds parameters and members based on keywords; identifies missing parameters and members
- Listing of PROCLIB members that are active on a given system
- Edit history for all members

Enhanced ISPF edit



- Checking of parameter syntax
- Ability to insert parameters from a model
- Context sensitive help for all parameters
- Retains many ISPF edit functions
- Does not alter or modify the member in anyway (unless you explicitly add or modify parameters)
- Allows you to back up members before saving them
- In the future may be extended to perform checking of entire PROCLIBs

Parameter semantic search

```

File Help
-----
EDIT      IMPOT45.GPL.PROCLIB                               Row 1 of 33
Command ==> _____ Scroll ==> PAGE

Search . . . OPEN DATABASE
-----
Member
/  _____ Prompt Lib Size Created ----- Changed ----- ID
-  CSLDC
  - GLOBAL_DATASTORE_CONFIGURATION
  - LOCAL_DATASTORE_CONFIGURATION
  - ODBM Attribute specifications for the data stor
-----
-  CSLDI
  - ARMST Whether th
  - IMSPLEX Specifies
  - ODBMCFG Specifies
  - ODBMNAME The name of the ODBM address space
  - RRS ODBM to use Resource Recovery Services (RR
-----
-  DFSVSMDB 1 9 2009/10/19 2009/10/19 15:25:31 JCH
  - NOPDBO=... Disable parallel database open during IMS
  -CMD *GPL

```

1. Select option 5 PROCLIBs
2. Select IMPOTnn.GPL.PROCLIB data set
3. Search for OPEN DATABASE

```

File Edit Edit_Settings Help
-----
EDIT      REA.CLIST(DFSDFBLN) - 01.01          columns 00001 00072
Command ===> _____ Scroll ===> CSR
CHECK    validate the member syntax
MODEL    Insert a new parameter with syntax assistance
HELP     Press F1 to request parameter sensitive help
*****  ***** Top of Data *****
000001  /******
000002  /* Dynamic Resource Definition Section */
000003  /******
000004  <SECTION=DYNAMIC_RESOURCES>
000005  RDDSDSN=IMSTESTL.IMS1.RDDS1,
=====
==MSG>  Unmatched parenthesis. RDDSDSN=IMSTESTL
000006          IMSTESTL.IMS1.RDDS2,
000007          IMSTESTL.IMS1.RDDS3,)
000008  AUTOIMPORT=AUTO
000009  AUTOEXPORT=AUTO
000010  IMPORTER=ABORT
=====
==MSG>  Unknown parameter: 'IMPORTER
000011  RDDSER=ABORT
000012  /******

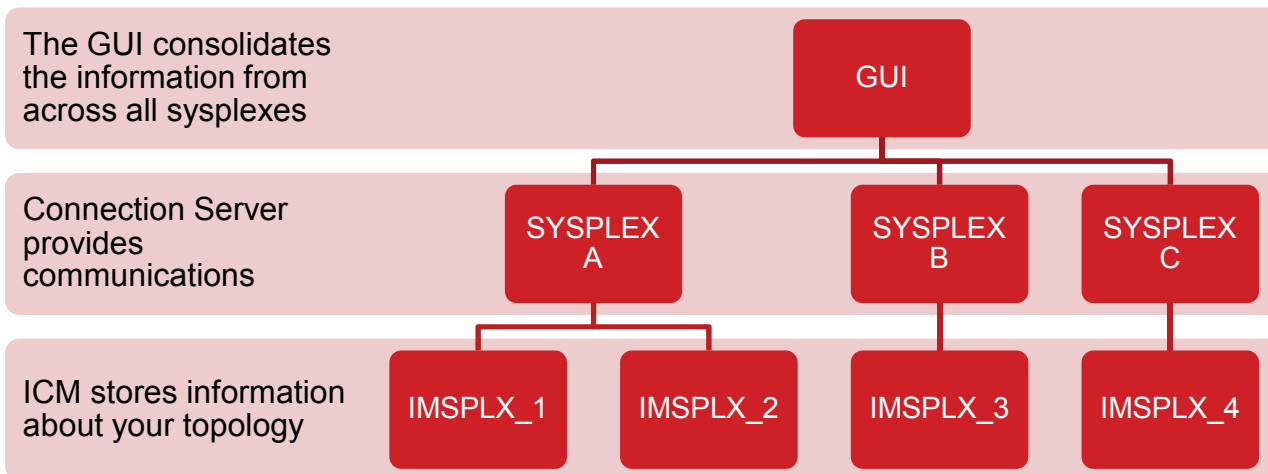
```

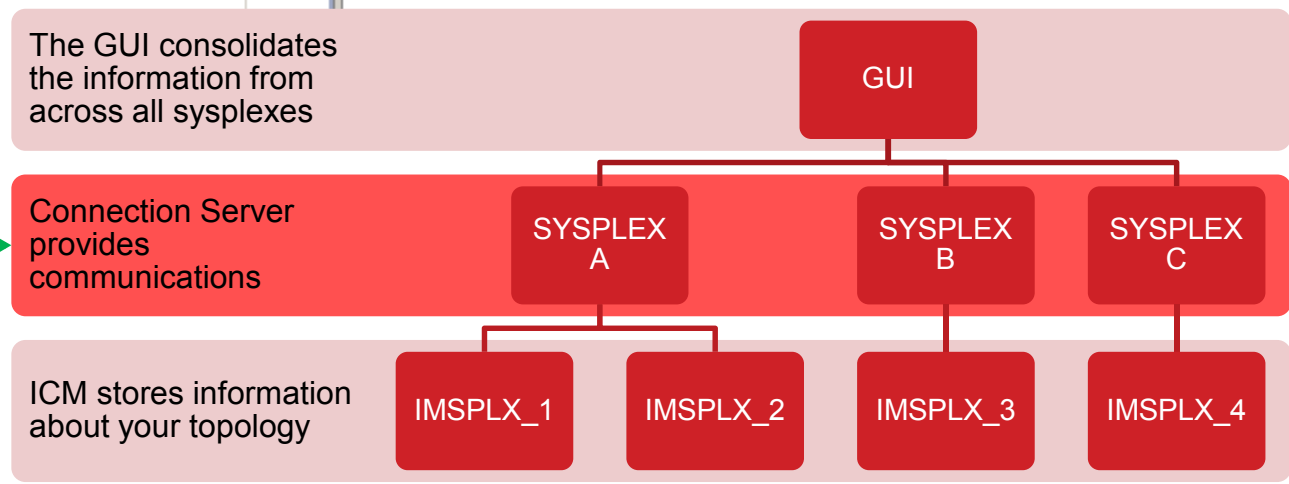
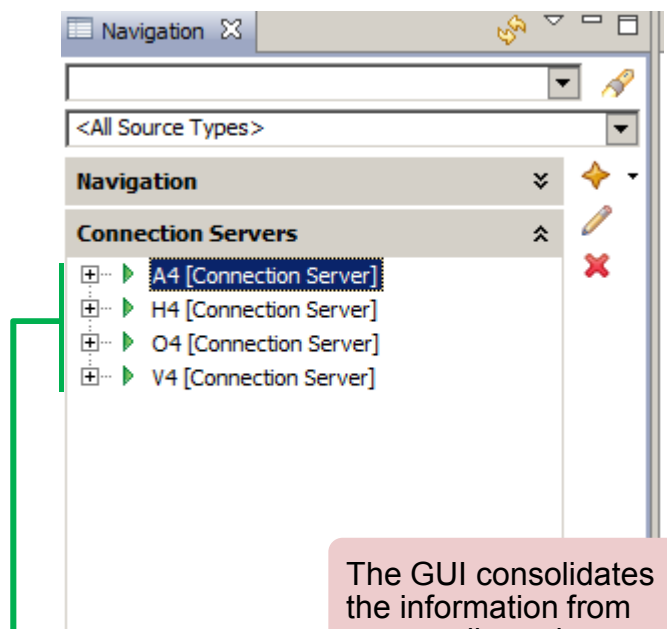
New parameter smart editor
 Syntax validation
 Parameter value validation
 Context sensitive help
 Works with existing members

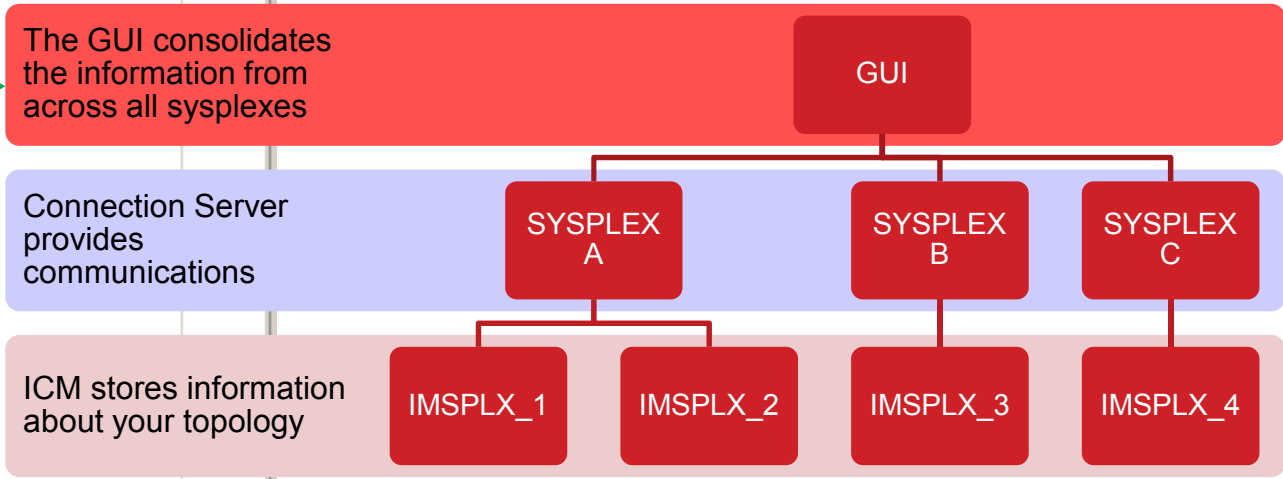
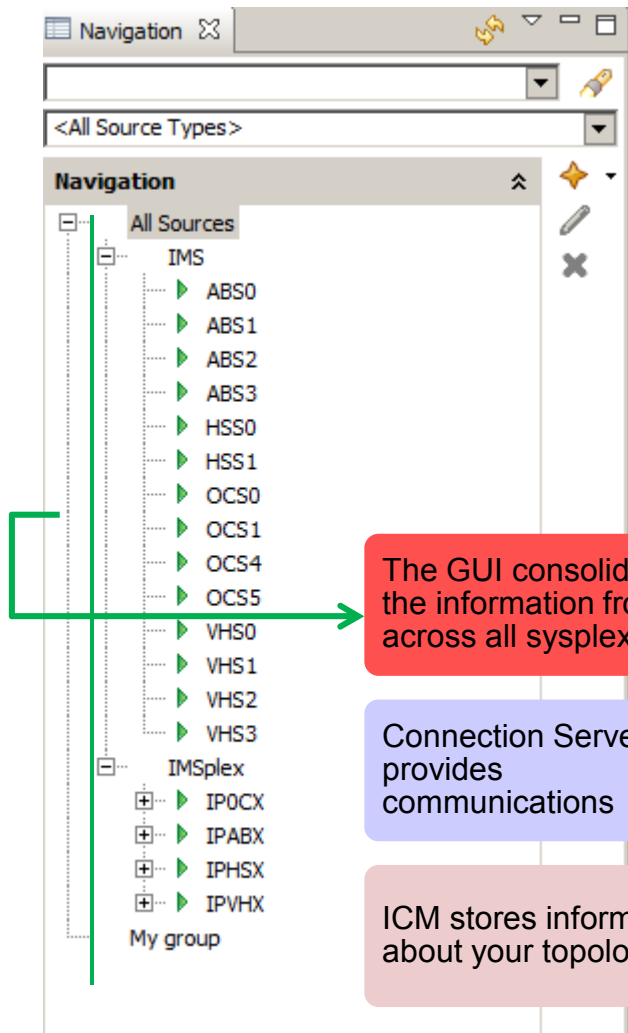
GUI Overview

- Centralize and consolidate your system and plex configurations
- Manage IMS systems as well as resources and parameters
- Powerful compare capabilities
- Analyze output: filter, highlight, summarize, and export to spread sheet applications

A central location to analyze your configuration







Connection Server - PLXDP [IMSplex] @ DP [Repository] @ REA [Connection Server] (FTS1:30111) - IBM Tools Base Connection Server

File Edit Navigate Project Commands Window Help

Connection Server Resource

Navigation Compare PLXDP [IMSplex] All Sources IPOCX [IMSplex] PLXDP [IMSplex]

QUERY TRAN NAME(*) SHOW(L) <Locate value> <Find value>

Command: QUERY TRAN NAME(*) SHOW(LOCAL)

Navigation

My group

- IADP
- IBDP
- ICDP

Transcode	ModName	CC	CCText	LPSName	LCIs	LQCnt	LAOCMD	LLCT	LPLCT	LPLCTTime	LCPRI	LNPRI	LLPRI	L
INSTPR36				INSTPR36	1	0	N	65535	65535	6553500	1	1	1	
IPOPSB				IPOPSB	1	0	N	65535	65535	6553500	1	1	1	
IVPREXX				IVPREXX	1	0	N	65535	65535	6553500	1	1	1	
DFSIVP34				DFSIVP34	1	0	N	65535	65535	6553500	1	1	1	
DFSIVP32				DFSIVP32	1	0	N	65535	65535	6553500	1	1	1	
DFSIVP37				DFSIVP37	1	0	N	65535	65535	6553500	1	1	1	
DFSIVP31				DFSIVP31	1	0	N	65535	65535	6553500	1	1	1	
DFSIVP3				DFSIVP3	1	0	N	65535	65535	6553500	1	1	1	
MTCX	IDDP	0		DFSIVP35	1	0	N	65535	65535	6553500	1	1	1	
MTFD	IDDP	0		DFSIVP4	1	0	N	0	65535	6553500	1	1	1	
MTFM	IDDP	0		DFSIVP5	1	0	N	0	65535	6553500	1	1	1	
MTNO	IDDP	0		DFSIVP1	1	0	TRAN	65535	65535	6553500	1	1	1	
MTNV	IDDP	0		DFSIVP2	1	0	N	65535	65535	6553500	1	1	1	
INSTTR36	ICDP	0		INSTPR36	1	0	N	65535	65535	6553500	1	1	1	
IPOQRY	ICDP	0		IPOPSB	1	0	N	65535	65535	6553500	1	1	1	
IVPREXX	ICDP	0		IVPREXX	1	0	N	65535	65535	6553500	1	1	1	
IVTCB	ICDP	0		DFSIVP34	1	0	N	65535	65535	6553500	1	1	1	

Resources Parameters Commands

Console

03/05/2013 12:18:34 PM; 1 of 50

Use filters to highlight transactions matching certain attributes



Manage List Filters

Active?	Filter Description
<input checked="" type="checkbox"/>	Command!
<input checked="" type="checkbox"/>	IN USE
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

New
Delete

Conditions for Command!

Field	Operator	Value	
LAOCMD	<>	N	<input checked="" type="checkbox"/>

Identify transactions that can perform commands

Identify transactions with a zero queue count

Manage List Filters

Active?	Filter Description
<input checked="" type="checkbox"/>	Command!
<input checked="" type="checkbox"/>	IN USE
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

New
Delete

Conditions for IN USE

Field	Operator	Value	
LQCnt	=	0	<input type="checkbox"/>



MBRLIST..ALL..ALL


Type: MBRLIST Show: ALL

IMSplex	IMSID	MemberName	DataSetName	Libr...	Size	CreateDate	ChangeTimestamp	ChangeUserID	MemberType	Mes
IPOCX	OCS0	CQSIP0C0	GPL210.QADATA.MAY2013.CSLPROC.04PREZ	1	9	2013-03-07	2013-05-01-07.31.47	NXU2	CQSIP	
IPOCX	OCS0	CQSSG0C0	GPL210.QADATA.MAY2013.CSLPROC.04PREZ	1	14	2013-03-07	2013-05-01-08.07.23	NXU	CQSSG	
IPOCX	OCS0	DFSCG0C0	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	7	2013-03-07	2013-05-01-07.05.26	NXU	DFSCG	
IPOCX	OCS0	DFSDC00C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	10	2013-03-07	2013-03-07-12.45.03	AXW	DFSDC	
IPOCX	OCS0	DFSDSCMC	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	66	2013-03-07	2013-03-07-12.45.04	AXW	DFSDSCM	
IPOCX	OCS0	DFSDSCTC	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	40	2013-03-07	2013-03-07-12.45.04	AXW	DFSDSCT	
IPOCX	OCS0	DFSPB00C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	101	2013-03-07	2013-05-01-08.07.23	NXU	DFSPB	
IPOCX	OCS0	DFSSPM0C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	5	2013-03-07	2013-03-07-12.45.05	AXW	DFSSPM	
IPOCX	OCS0	DFSSQ00C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	1	2013-03-07	2013-05-01-08.07.23	NXU	DFSSQ	
IPOCX	OCS0	DFSVSMCT	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	15	2013-03-07	2013-03-07-12.45.06	AXW	DFSVSM	
IPOCX	OCS0	DFSYDTC	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	30	2013-03-07	2013-05-01-08.07.23	NXU	DFSYDT	
IPOCX	OCS0	OCS00CD0	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	2	2013-03-07	2013-05-01-08.19.54	NXU2	SSM	
IPOCX	OCS1	CQSIP0C0	GPL210.QADATA.MAY2013.CSLPROC.04PREZ	1	9	2013-03-07	2013-05-01-07.31.47	NXU2	CQSIP	
IPOCX	OCS1	CQSSG0C0	GPL210.QADATA.MAY2013.CSLPROC.04PREZ	1	14	2013-03-07	2013-05-01-08.07.23	NXU	CQSSG	
IPOCX	OCS1	DFSCG0C0	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	7	2013-03-07	2013-05-01-07.05.26	NXU	DFSCG	
IPOCX	OCS1	DFSDC01C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	10	2013-03-07	2013-03-07-12.45.03	AXW	DFSDC	
IPOCX	OCS1	DFSDSCMC	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	66	2013-03-07	2013-03-07-12.45.04	AXW	DFSDSCM	
IPOCX	OCS1	DFSDSCTC	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	40	2013-03-07	2013-03-07-12.45.04	AXW	DFSDSCT	
IPOCX	OCS1	DFSPB01C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	99	2013-03-07	2013-05-01-08.07.23	NXU	DFSPB	
IPOCX	OCS1	DFSSPM0C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	5	2013-03-07	2013-03-07-12.45.05	AXW	DFSSPM	
IPOCX	OCS1	DFSSQ01C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	1	2013-03-07	2013-05-01-08.07.23	NXU	DFSSQ	
IPOCX	OCS1	DFSVSM0C	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	15	2013-03-07	2013-03-07-12.45.06	AXW	DFSVSM	
IPOCX	OCS1	DFSYDTC	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	30	2013-03-07	2013-05-01-08.07.23	NXU	DFSYDT	
IPOCX	OCS1	OCS00CD0	GPL210.QADATA.MAY2013.SYSPROC.04PREZ	2	2	2013-03-07	2013-05-01-08.20.09	NXU2	SSM	

- Compare ...
- Show Configuration
- Hide Blank Columns
- Show all Columns

List all <active> parameter members across your enterprise and drill-down to parameter values

Compare configuration across all plexes



Compare ...

Show Configuration

Hide Blank Columns

Show all Columns

<Locate value> <Find value>

MemberName	APPLID1	CPLOG	CSAPSB	CSLG	DBRCNM	DBWP	DC	DLIPSB	DMB	DSCT	FBP	FRE	IRLM	LSO	LUMC	LUMP	MAXPST	OTMAASY	OTMANM	PIINCR	PIMAX
DFSPB00M	IMABIMS0	500K	4500K	0BA	ABS0XDRG	32	00M	15M	400	M	7M	1200	Y	S			990	S	IMABIMS0	4	2000
DFSPB01M	IMABIMS1	500K	4500K	0BA	ABS1XDRG	32	01M	15M	400	M	7M	1200	Y	S			990	S	IMABIMS1	4	2000
DFSPB02M	IMABIMS2	500K	4500K	0BA	ABS2XDRG	32	02M	15M	400	M	7M	1200	Y	S			990	S	IMABIMS2	4	2000
DFSPB03M	IMABIMS3	500K	4500K	0BA	ABS3XDRG	32	03M	15M	400	M	7M	1200	Y	S			990	S	IMABIMS3	4	2000
DFSPB00H	IMHSIMS0	16M	2000	0SH	HSS0XDRG	28	00H	6000	400	H	400	1000	N	S			800		IMHSIMS0	4	2000
DFSPB01H	IMHSIMS1	16M	2000	0SH	HSS1XDRG	28	01H	6000	400	H	400	1000	N	S			800		IMHSIMS1	4	2000
DFSPB00C	IMOCIMS0	16M	3500	0C0	OCS0XDRG	32	00C	500	100	C	3000	4000	N	S	50M	500M	400	S	IMOCIMS0	4	8000
DFSPB01C	IMOCIMS1	16M	3000	0C0	OCS1XDRG	32	01C	300	100	C	3000	4000	N	S			400	S	IMOCIMS1	4	8000
DFSPB04C	IMOCIMS4	16M	3000	0C0	OCS4XDRG	32	04C	300	100	C	3000	4000	N	S			400	S	IMOCIMS4	4	8000
DFSPB05C	IMOCIMS5	16M	3000	0C0	OCS5XDRG	32	05C	300	100	C	3000	4000	N	S			400	S	IMOCIMS5	4	8000
DFSPB008	IMVHIMS0	16M		0HV	VHS0XDRG		008				7M	9000					990	S	IMVHIMS0		
DFSPB018	IMVHIMS1	16M		0HV	VHS1XDRG		018				7M	9000					990	S	IMVHIMS1		
DFSPB028	IMVHIMS2	16M		0HV	VHS2XDRG		028				7M	9000					800	S	IMVHIMS2		
DFSPB038	IMVHIMS3	16M		0HV	VHS3XDRG		038				7M	9000					800	S	IMVHIMS3		

Only show differences; only highlight significant differences

