9768: Using RTC's ISPF Client for z/OS Code Development

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Rational Team Concert brings together diverse teams allowing them to work together to build solutions.

Available Today

- **Collaborate in Context**
- **Right-size Governance**
- **Day One Productivity**
- **Open and Extensible Architecture**

**Client Integrations**
- Eclipse and Eclipse-based products
- Web 2.0
- Visual Studio
- ISPF

**Extensions for System z**
- Native z/OS build support
- Integration with Rational Developer for System z
- Integrated SCM solution for z/OS and distributed assets
- Flexible Deployment Platforms - z/OS, Linux on System z, or distributed

*Statements on future direction subject to change*
What’s new in RTC 3.0.1?

• **Native z/OS development**
  - ISPF ‘Green Screen’ SCM client

• **Enterprise Platforms enhancements**
  - Dependency based Build (z/OS)
  - Promotion of builds (z/OS)
  - Deployment of Applications (all platforms except Windows)
  - Context aware-search
ISPF ‘Green Screen’ Client

Full Function SCM Client

• Users can check out/check in code to native z/OS file system

• Providing value add of RTC SCM

• Repository Workspaces, change sets, link to work items, build requests

• Linking to Work items though list

• Ability to access and edit files in z/OS UNIX directories (HFS)

• User experience consistent with ISPF

• Simple to use for fast start

• Allows phased implementation

• Reduces dependency on deployment of Rational Developer for System z (Rdz)

NOTES

• Use the Web client for WIs and planning

• Use the Eclipse client for Administration

• Available in all Developer clients
Dependency Based Build

Logical Dependency data is captured from source stored in the SCM, providing access to the meta data.

Build Preview

NEW!
Promotion

Move applications through the stages of lifecycle to
Ensure consistency - Minimize rebuilding

- Promote source, build output, and related meta data together
- Work Item based Promotion
- Full audit trail
Deployment

Move applications to the Live environment (Test or Production) with control, consistency and traceability.

- Basic deployment support for programs
- Deployment integrated into RTC

Traceability
Context Aware Searching

Search with an understanding of processing programming languages

Processes not only code source code but the related work items
What’s new in RTC 3.0.1?

• **Distributed SCM**
  - Cross Repository SCM Operations
  - More Flexible Change Set Linking Across Servers

• **Enterprise Build Support**
  - Out of the box Rational Build Forge Integration
  - Multiple Build Engine Types
Enterprise Enhancements

- **Distributed source control**
  - You can now flow components and change sets between workspaces and streams hosted on different repositories.
  - You can turn this feature on or off on a per RTC server basis

- **Support for Multiple Build Engine Types**
  - There are now multiple types of build engines: Jazz Build Engine, Rational Build Forge, and Rational Build Agent
  - This allows the engine and its configuration to be shared across multiple definitions, and for definitions to support multiple engines. Different projects may now define their own engines.
Summary of RTC 3.0.1

• Any Plan
  • Advanced Planning for Formal and Agile Teams

• Any Process
  • Flexible Customization and Configuration
  • Distributed SCM
  • Enterprise Build Support

• Any Platform
  • A single release for all platforms
  • Enterprise Platform Enhancements (z and p)
  • Enhanced RTC Client for Microsoft Visual Studio IDE
  • Open Integrations to your Existing Tools
  • With simple user based licensing and more flexible pricing options
For more information/details …

• See more details on new capabilities in Rational Team Concert 3.0.1 pages at
  • jazz.net
  • ibm.com

• Find the announcement at
  • RTC Announcement Letter
For demos of ISPF client and IEP extensions…

- **7 recorded demos:** (all are available in front of the jazz login)
  - [http://jazz.net/library/video/489](http://jazz.net/library/video/489): Dependency build (video) - title: Rational Team Concert 3.0: Dependency build: setting up and running
  - [http://jazz.net/library/video/490](http://jazz.net/library/video/490): title: Rational Team Concert 3.0: Packaging and deploying the output of a build into a runtime environment
  - [http://jazz.net/library/video/488](http://jazz.net/library/video/488): title: Rational Team Concert 3.0: Source code data: gathering, querying, editing, and using the information to analyze dependencies
  - [http://jazz.net/library/video/487](http://jazz.net/library/video/487): title: Rational Team Concert 3.0: Using the ISPF client to work with host files in the SCM and submit builds
  - [http://jazz.net/library/video/486](http://jazz.net/library/video/486): title: Rational Team Concert 3.0: Searching for references to zEnterprise system definitions and switching to a different definition for objects