



IBM Software Group

Rational ClearCase Mainframe Connectors



Rational software



@business on demand software

ClearCase Mainframe Connectors

- Provides single point of control, single repository of knowledge, single artifact repository, single set of user interfaces
- Provides consistent process paradigm across platforms
- Extends the power of the Software Development Platform and ClearCase UCM to z/OS development

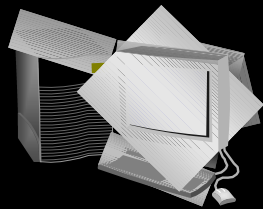


ClearCase Mainframe Connectors

- Extends the power of ClearCase UCM to z/OS
 - ▶ UCM automates the project lifecycle
 - ▶ Simple configuration of UCM to support most z/OS lifecycle features
 - ▶ UCM insures work takes place on the correct versions of assets
 - ▶ UCM automatically manages developer workspaces
 - ▶ Implement activity management and authorizations with ClearQuest



ClearCase Mainframe Connectors



Native GUIs
Web Client
WSxD

**Single Point of Management
- ClearQuest**

- Manage lifecycle of n-tier applications

Develop

*System
Test*

*Accept
Test*

*Ready
Deploy*

Distributed Systems

Intel Windows
& Linux

Clear
Case

Unix

Clear
Case

Linux on
zSeries

Clear
Case

TSO
Client

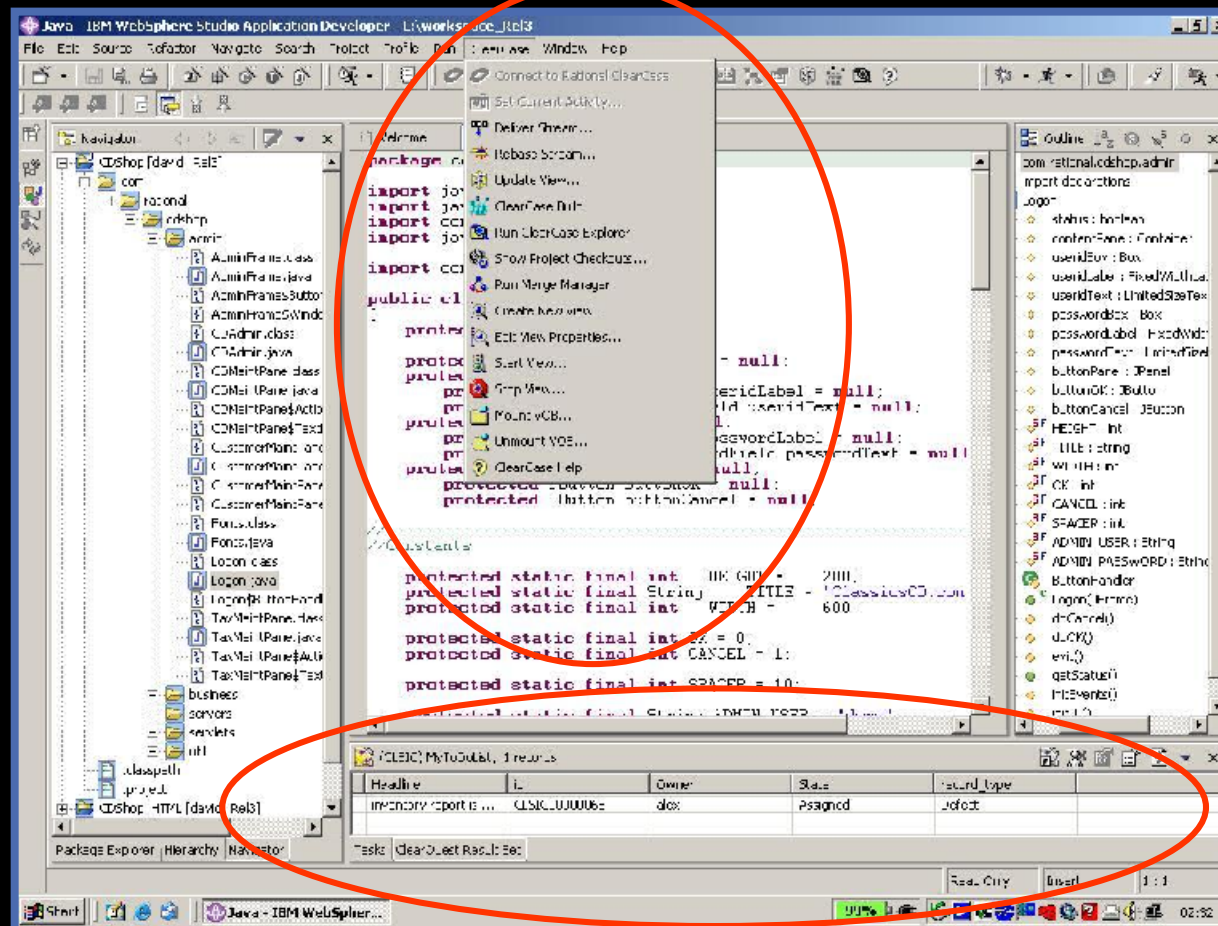
Remote
Build

zSeries

z/OS



ClearCase/ClearQuest and Eclipse



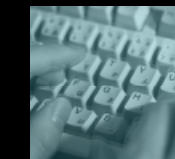
Eclipse



UNIX/Linux



ISPF

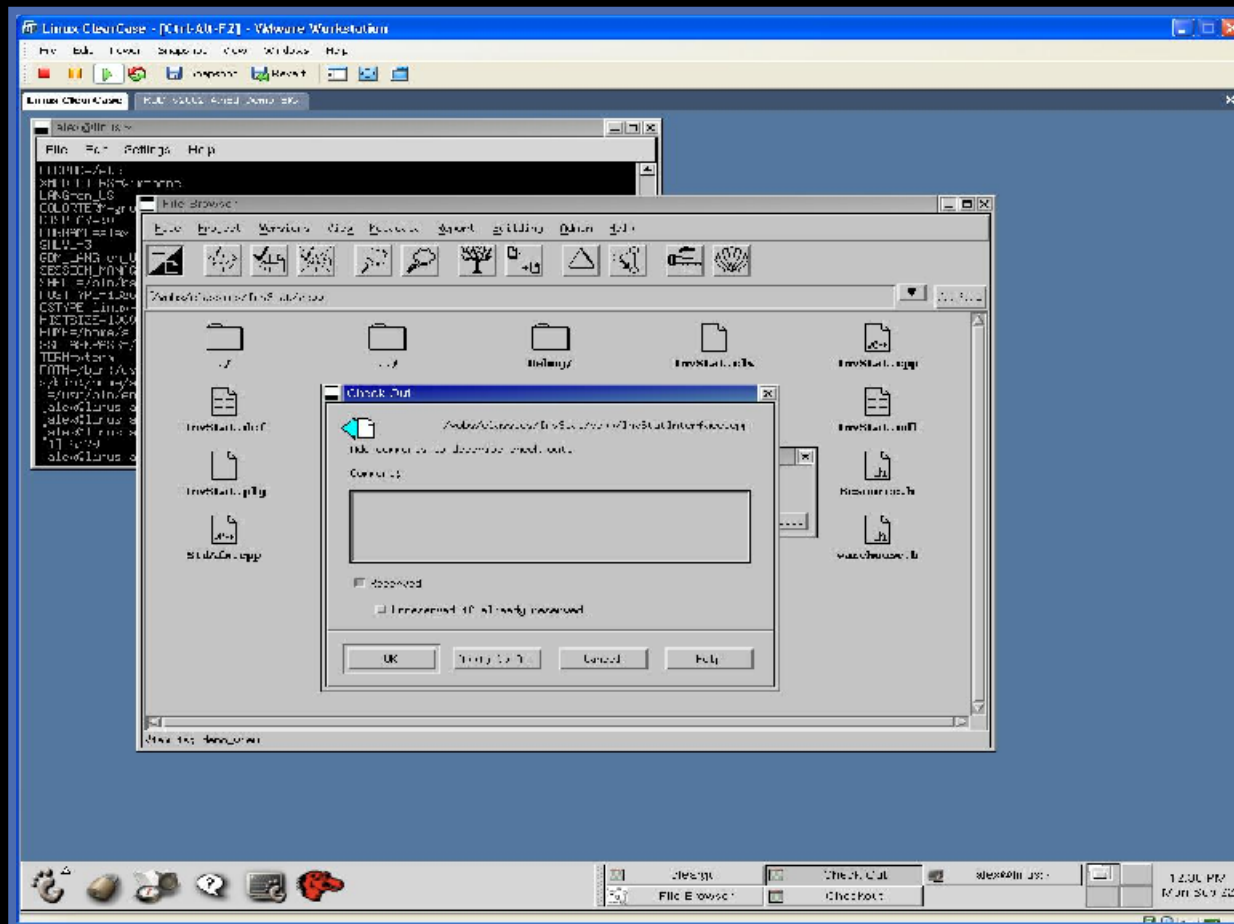


CLI



Browser

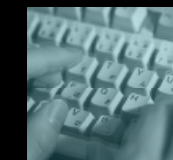
ClearCase/ClearQuest and Linux



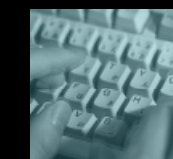
Eclipse



UNIX/Linux



ISPF



CLI



Browser



Mainframe Connectors - TSO Client Feature

```
Command ==> _____

      Rational Clearcase Mainframe Connectors TSO Client
      Environment Setup 1.0

Select option ==> _____

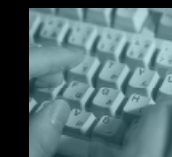
1.1 Select Profile          2.1 Upload Files
1.2 Select View            2.2 ViewFile List
1.3 Select/Create UCM Activity 2.3 Build
                           3.1 TSO client log

      Profile:
      Clearcase view:
      UCM activity:
      Local PDS Prefix: _____

      PF01=ClearCase Help          PF03=Exit
```

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**Eclipse****UNIX/Linux****ISPF****CLI****Browser**

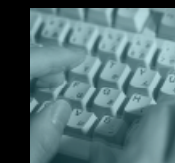
Mainframe Connectors – TSO Client Feature

```
Command ==> _____  
  
      Rational Clearcase Mainframe Connectors TSO Client  
      Select Action for Member:      2.2.1  
  
Option ==> _____  
  
      1. Check Out           4. Compare With Previous Version  
      2. Check In           5. Show Version Tree  
      3. Undo Check Out     6. Add to Source Control  
  
      Comment for check out and check in option:  
      _____  
  
      PF01=ClearCase Help      PF03=Return to ViewFile List
```

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09/014

**Eclipse****UNIX/Linux****ISPF****CLI****Browser**

Mainframe Connectors - TSO Client Feature

- Access and manage ClearCase elements in distributed repositories from ISPF
- TSO users can use ClearCase from a familiar environment
- Work locally from ISPF with ClearCase UCM commands
- Can be used in concert with other ClearCase clients: Windows, WSxD, RAD, etc.
- Can be used in concert with ClearQuest client for process management:



Mainframe Connectors - Remote Build Feature

- Develop and manage mainframe assets from desktop, deploy to production
- Share artifacts between distributed and mainframe systems
- Integrate heterogeneous build processes
- Automatic and complete build audits (with clearmake/clearaudit)



Mainframe Connectors - Remote Build Feature

