

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

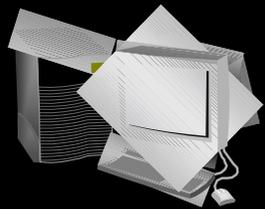


ClearCase Mainframe Connectors

- 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

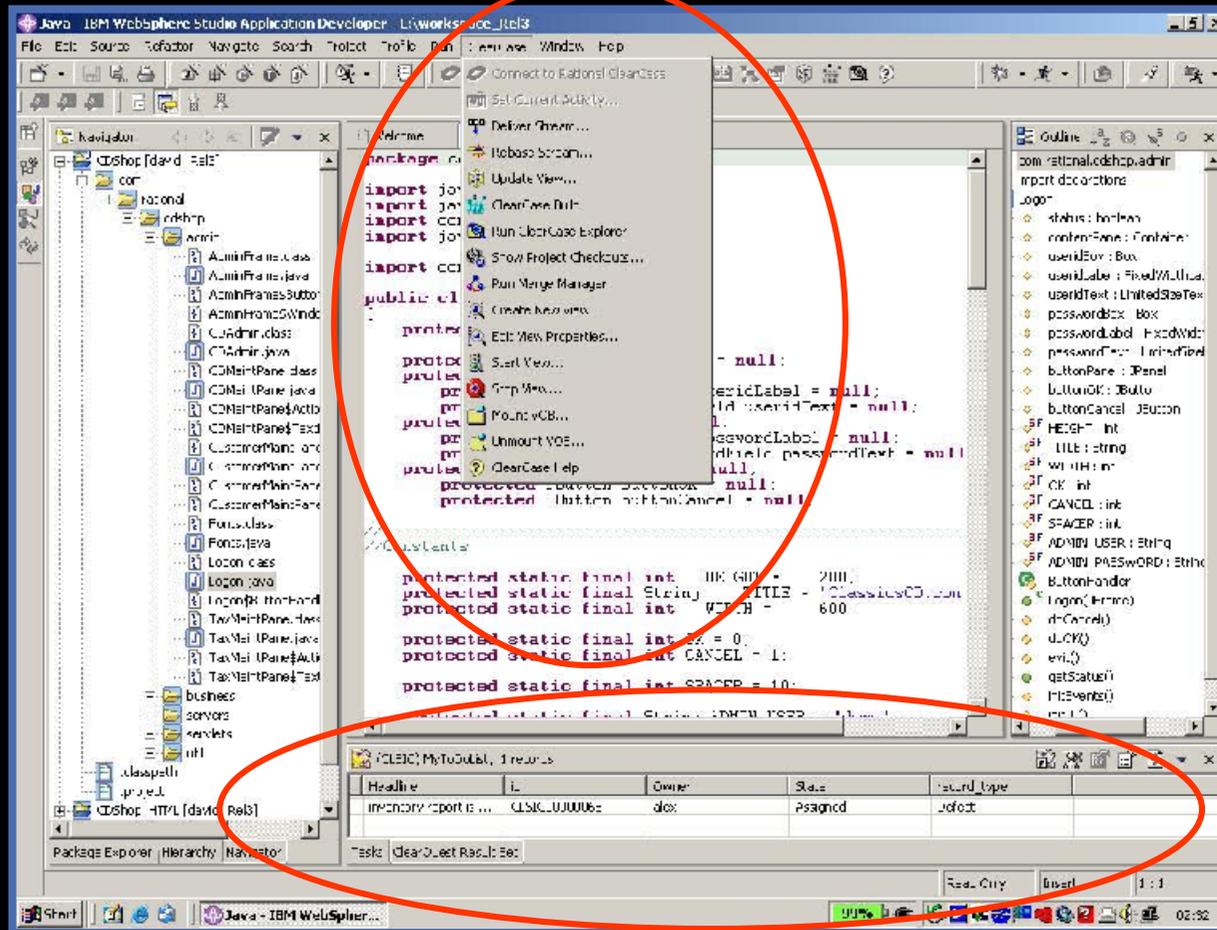
Remote Build

zSeries

z/OS



ClearCase/ClearQuest and Eclipse



Eclipse



UNIX/Linux



ISPF



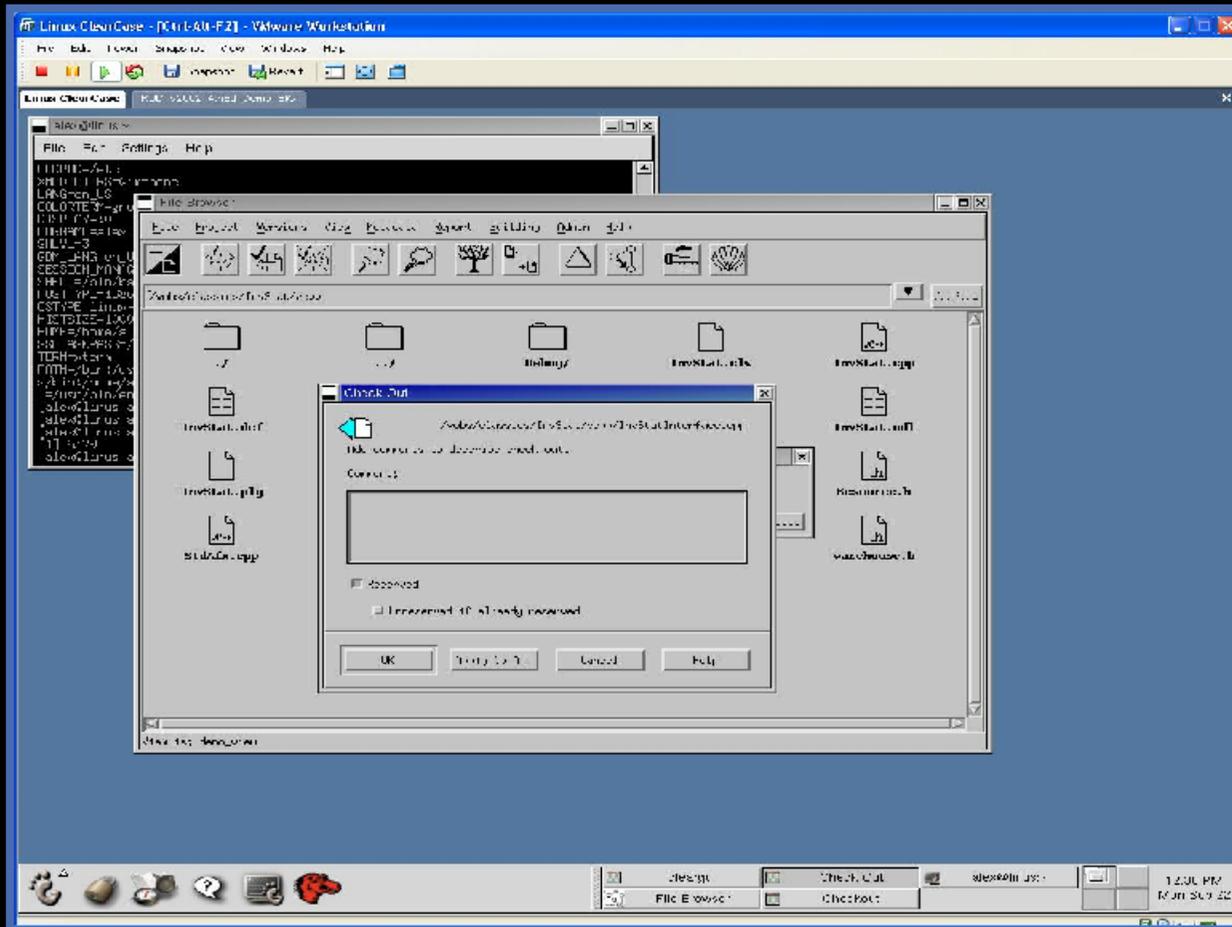
CLI



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
```



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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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

