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Put America  
Through  
School”*

**TO 51 – Rational Tool Implementation Support  
Deliverable 51.1.3 Monthly Tool Support Activity Report -  
February**

February 7, 2001

# Report Agenda



- Team Updates
- Tool Metrics
- Project Status
- Issues and Action Items

# Team Updates



- Updates to coaching course material
  - The Implementation Guides submitted to SFA on 1/31 included support documentation for ClearCase and ClearQuest. This included user guide templates, requirement templates, a project plan, project work plans, and a configuration management presentation. The Rational team will make changes to these documents after SFA reviews them and offers changes.
  - As coaching course materials are updated, the documents will be included with this report.
  
- Continuous Improvement Process updates
  - Templates have been established to speed the implementation process for ClearCase and ClearQuest. A detailed work plan template has been developed to improve the estimates for overall duration and effort needed to develop a solution for project teams.
  - For ClearCase, the following templates exist:
    - Work Plan
    - Project Plan
    - Configuration Management Presentation
  - For ClearQuest, the following templates exist:
    - User Guide
    - Work Plan
    - Requirements Document

# Team Updates (continued)



## ■ Best Practice documents repository

- The deliverables submitted by the Rational team and other key documents will be stored in eProject in the Documents section of the “TO 51 – Rational Tool Implementation Support” project. The complete repository will be delivered to SFA at the completion of the Task Order.
- Folder Names and Documents in eProject:
  - 51.1.1 Deliverables – TO 51.1.1 Deliverables.zip
  - 51.1.2 Deliverables
    - TO 51ClearCaseImplementationGuide\_and\_attachments.zip
    - TO 51ClearQuest Implementation Guide and Attachments.zip
  - 51.1.3 Deliverables – TO 51.1.3 February Report.ppt
  - ClearCase Templates
    - CManProjectManagementPresentation.ppt
    - ClearCaseSampleProjectWorkPlan.mpp
    - ClearCaseSampleProjectPlan.doc
  - ClearQuest Templates
    - TO 51 ClearQuest Implementation.mpp
    - ClearQuest Project Requirements Template.xls
    - ClearQuest User Guide Template.doc

# Tool Metrics



## ■ Implementations

### • Completed

- ClearCase: 0
- ClearQuest: 0

### • In-Progress

- ClearCase: 2
- ClearQuest: 3

### • Planned (future projects)

- ClearCase: 1
- ClearQuest: 2

## ■ Current Users

### • ClearCase

- FMS: 0
- Portals Strategy: 0

### • ClearQuest

- COD: 3
- VDC Communications: 2
- SFA Security: 2

## ■ Planned Users (approximate)

### • ClearCase

- FMS: 24
- Portals Strategy: 6

### • ClearQuest

- COD: 20
- VDC Communications: 20
- SFA Security: 40

# Project Status



## ■ ClearQuest

- **VDC Communications** – The Rational team is implementing a ClearQuest solution to improve communication and control of all changes happening at the VDC which affect the modernization program. This implementation is being reviewed as a potential solution to handle change requests for VDC activities. It is being compared to the tool CSC currently uses. The initial implementation is complete and is currently being tested by ModPartner. The VDC Communications User Guide is complete and will serve as a template for other user guides.
  - Estimated or Actual Completion Date
    - Design: 12/11/01
    - Implementation: 1/8/02
    - Pilot: 2/11/02
    - Support: 2/25/02
- **COD** - The Rational Tool Implementation Support Team has implemented a change control schema for the COD team. It will be used by ModPartner and contractors to track change controls. The initial implementation is complete and will go into production by mid-February. The draft of the COD User Guide is complete, and the final version will be completed by February 15.
  - Estimated or Actual Completion Date
    - Design: 1/4/02
    - Implementation: 1/18/02
    - Pilot: 2/15/02
    - Support: 2/29/02

# Project Status (continued)



- **SFA Security** - Implemented a ClearQuest solution for SFA Security to track system requests. The schema is complete. The schema is being reviewed and piloted by the SFA Security team and modifications will be made if necessary.
  - Estimated or Actual Completion Date
    - Design: 11/21/01
    - Implementation: 1/28/02
    - Pilot: 2/15/02
    - Support: 2/28/02
- **SLC** – The Rational team held a kickoff meeting with representatives of the SLC group about updating their existing ClearQuest implementation. The initial schema was built by Josh Stauffer back in the Summer of 2001. The updated solution will be modeled after the VDC Communications schema.
  - Estimated or Actual Completion Date
    - Design: 2/22/02
    - Implementation: 3/22/02
    - Support: 4/22/02
- **Operations (Ops)** – A demonstration and awareness presentation was held. ClearQuest is being considered to track issues for the Application Excellence, or Ops, team.
  - Estimated or Actual Completion Date
    - Design: 2/22/02
    - Implementation: 3/22/02
    - Support: 4/22/02

# Project Status (continued)



## ■ ClearCase

- **FMS** – The Rational team is implementing ClearCase to the FMS project to handle configuration management. The environment is being setup on the VDC to fit FMS’s needs. It will support configuration management for the different FMS releases. The team also supported the development of a high level configuration management presentation and participated in the presentation of it to FMS management.
  - Estimated Completion Date
    - Design: 2/22/02
    - Implementation: 3/22/02
    - Support: 4/22/02
- **Portals Strategy** – The Rational team started work on the Portals Strategy ClearCase implementation. Portals Strategy is starting the construction phase, so ClearCase will be used for configuration management early on in the project’s life. The Portals Strategy implementation will use the architecture developed on the VDC for the FMS project.
  - Estimated Completion Date
    - Design: 2/22/02,
    - Implementation: 3/7/02,
    - Support: 3/14/02
- **eCBS** – The Rational team will help move the existing ClearCase implementation that Beacon implemented to the VDC. The team is helping with migration planning.
  - Estimated Completion Date
    - Design: 4/1/02
    - Implementation: 4/15/02
    - Support: 5/7/02

# Project Status (continued)



- **Ongoing ClearCase Administration** – Continued support and improvement of the ClearCase architectures including:
  - analysis of the impact of the requested Perl upgrade on the Rational server
  - completed ClearCase server install on team laptop
  - drafted VOB backup and restore procedures
  - drafted NT account administration procedures and user list
  - provided analysis on 'web server failures' on the Rational server
  - developed and drafted a VDC UNIX/NT interop ClearCase architecture
  - completed Implementation Guide deliverables.

# Issues and Action Items



<i>Issue /Action Item</i>	<i>Resources</i>	<i>Target Date</i>	<i>Status Comments</i>
Having problems checking in/out complex schemas in ClearQuest. Will work with Rational support and the VDC to resolve this problem.	Rational Support, Rational Tool Team, and VDC	1/11	Resolved on 1/10 by Rational Tech Support. Implemented fix on 1/11 on the VDC. Fix was compacting and repairing the schema repository.
Develop and submit the Service Level Agreement for the Rational server and application portfolio managed at the VDC.	Frank Kidd and Ron Langkamp	2/28	Frank is working on developing these templates. Frank will schedule a SLA review with the VDC.
Rational applications need to reside on a dedicated server. Non-Rational applications need to be reviewed for removal from the Rational server.	Frank Kidd and Paul Capotosto	1/10	The concept for this has been completed. Need to analyze rearchitcturing ClearCase on the VDC.
Develop Backup/Recovery architecture approach for the Rational server.	Chuck Biddiscomb and Paul Capotosto	2/15	This issue is currently being worked on by Paul and Chuck. It should be resolved by mid-February.