Serena Software: ChangeMan ZMF for Eclipse

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Product Manager
Strength

• 30 years in business
• $225+ million annual revenue
• $85+ million annual EBITA
• Over 15,000 customers
• 96 of the Fortune 100
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<tr>
<th>Sector</th>
<th>Logos</th>
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<tr>
<td>Healthcare</td>
<td>Blue Cross Blue Shield, GlaxoSmithKline, Allstate, Aetna, Guidant, Wellpoint</td>
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<td>Financial</td>
<td>UBS, RBS, Bank of America, Fidelity Investments, JPMorganChase, Citigroup</td>
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<td>Industrial</td>
<td>Lockheed Martin, Honeywell, Daimler, Chrysler, Ford, Boeing, Siemens</td>
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<td>Tech/Telco</td>
<td>Intel, Qwest, AT&amp;T, Dell, Vodafone, HP, Invent</td>
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<td>Retail</td>
<td>Target, Lufthansa, UPS, Kroger, Best Buy, Sears, Coles Myer Ltd.</td>
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<td>Government</td>
<td>U.S. Army, NASA, Department of Defense, United States Postal Service</td>
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Serena Software

CHANGEMAN ZMF FOR ECLIPSE
• Supports native Eclipse Workbench as well as IBM Rational Developer for System z (RDz) environments
• Full integration with version control, build management, release and deploy capabilities of ChangeMan ZMF
• Single workbench access point to multiple ChangeMan ZMF sites simplifying concurrent and parallel development
• Single perspective and Explorer for both ChangeMan ZMF and Dimensions CM
• Simplified navigation and management of mainframe software assets
• Supports legacy and contemporary languages
Supported ZMF Functions

• Work with software assets in both native z/OS file system or z/OS Unix Hierarchical File System (HFS)
• Perform version control activities including mass checkouts, automated package creation and checkin, and library synchronization against multiple repository resources.
• Manage the ZMF package lifecycle from the desktop
• Submit JCL jobs or ZMF XML Services data streams to the mainframe for execution
• Access the JES subsystem to review mainframe job output
Serena Eclipse Architecture

ChangeMan ZMF software change management functions directly from within these application development environments.
ZMF Full Java Support
Serena Eclipse RDz Use Case Example

- Code checked out of a ZMF package into a RDz project
- SDLC within RDz, component is locked within ZMF
- Once unit testing complete – RDz resources checked back in to the ZMF package for system testing and deployment
ZMF Package Functions and Commands
Example of a ZMF XML request. This is a package query...
Submit XML requests and display the results in the XML editor in eclipse:
Security

• The Serena Eclipse plug-in is compatible with RACF®, CA-ACF2®, and CA-Top Secret®.
• All z/OS server security and ChangeMan ZMF rules apply.

Messages

• Error, warning, and informational messages issued from ChangeMan ZMF are displayed on your desktop in message boxes.
• User options can be defined for many of the ZMF package commands
• Default build options can be specified or obtained from component history
• Commands can be enabled/disabled and associated with profiles that are assigned to userids
• Suppress the display of application library types
• GA = May
• Supports development and deployment of Java applications on z/OS
• Libraries and components now can reside in HFS/USS environments
• ChangeMan ZMF for Eclipse
  – Integrates with RDz 7.5 and 7.6
  – Supports ChangeMan ZMF V7 and V6
Thank You