

## Rational Asset Manager Demonstration

Introducing Rational Asset Manager. Rational Asset Manager is a collaborative software development asset management solution that gives organizations the ability to identify, manage and govern the design, development and consumption of services as part of a service-oriented architecture (SOA) initiative, or other development assets.

Asset Administration. Create Users, Groups and Roles. Security for your assets. Protect Intellectual Property. Create asset types and categorize assets. Review and Rate assets. Asset validation on submission. Asset review boards to rate asset quality. Create team spaces for projects, with multiple team spaces per repository.

Repository administration is done via the Web UI by an administrator. Team Spaces are added to the repository for each project. Users can be added for each team space. Roles are defined for each team space, and then associated with users or user groups. Permissions can be based on role, user group or user. Each asset type or category can have a separate, customized review process. Assets can be reviewed via the built in process or via integration with ClearQuest. Rational ClearQuest can be used for asset problem tracking. Configurations can be set up for multiple defect or problem tracking scenarios. Rational Asset Manager can be integrated with WebSphere Service Registry and Repository for searching and publishing of services.

Asset types are customizable. New asset types can be added with artifact, category, relationship and attribute constraints. Assets can be categorized based on custom criteria. Here we show an example of default service lifecycle categorization.

Search for Assets. Federated search and retrieve across repositories – Rational Asset Manager and WebSphere Service Registry and Repository. Search on Asset Name, Keywords, tags and asset categorizations through the Web UI or Eclipse Rich Client.

Comprehensive search functionality accessed through web or eclipse rich client – basic or advanced search. Filter your search by keyword, categorization, asset type, team space, owner, state or repository, including WSRR. RAM search can be embedded in browser toolbar. Clicking on asset link reveals asset details and allows users to rate, discuss, review and download asset. View asset content and download asset to local computer. Rate asset, and participate in discussion groups or add your comments to asset details. Subscribe to asset via email or RSS feed to keep in touch with asset changes. Track asset defects and issues via ClearQuest directly from RAM.

Search functionality works the same way in the eclipse rich client. Asset details, content, ratings, discussion groups and statistics appear in a new view.

Download assets. Download through Web UI or Eclipse Rich Client. Download only assets you have the authority for. Secure your assets, protect intellectual property and address governance and compliance mandates. Download asset to local computer. RAM keeps track of who has downloaded assets. You can see which assets you have downloaded via the “My Asset Manager” tab. You can choose which local directory to download the asset into. In the eclipse rich client, you can choose which Eclipse project to import the asset into. If the asset is also managed in ClearCase, the client will offer to check it out from there instead.

Submit New Assets through Web UI or Eclipse Rich Client. Asset Validation on Submit, base don validation rules for asset types.

Submit a new asset through the web client. Begin by describing the asset – which team space, asset type etc. Attach the asset file to the new record, or search for existing artifacts to add. Categorize the new asset. If necessary, add related assets. Remember, RAM will validate your asset submission against the asset type guidelines. Review all the asset information before submitting the asset to RAM. RAM will validate the asset information on the confirmation screen before submission. A wizard steps the user through the same process in the Eclipse rich client.

Review and Rate Assets. Asset Review. Asset review policies for each asset type. Review Boards. Built in process or via ClearQuest. Reviewers rate and Discuss Assets. Integrated problem tracking via ClearQuest. Discussion groups for assets. Asset ratings. Subscribe to assets via email, RSS feeds.

The “My Asset Manager” tab shows the user which assets he or she needs to review, which assets the user owns and which assets have been downloaded. If a user is a designated reviewer for an asset, a “Start Review” button appears in the asset details tab. The user can add review comments, and accept or reject the asset. The user may also rate the asset, and create discussion groups amongst the asset review team to discuss any related issues. Users can also rate and discuss assets through the Eclipse rich client.

Integrate with WSRR. Flexible search across WSRR and RAM for services. Publish assets from RAM to WSRR.

RAM allows users to search across WSRR repositories for deployed services. The service assets are accessed in the same way as before, and a link to WSRR is provided. Clicking on the link takes the user directly to the WSRR asset. Assets can also be published directly to WSRR from RAM.