

Cittera Overview

Cittera is a Web-based software-modeling tool that takes full advantage of the UML (unified modeling language) standard and extends that standard by adding a unique collaborative capability. Cittera allows team members to work together on software development in real-time in an environment similar to a virtual room with a whiteboard. Cittera's collaborative environment for application modeling helps companies protect valuable knowledge assets, reduce costs, improve development time and software quality, as well as speed time-to-market.

Cittera Features & Benefits

Online Collaboration:

- Simultaneously work on the same model in real-time.

Offline Mode:

- Standalone ability to work on a model when not connected to the Internet.

Security:

- Roles and role permissions are predefined in the application.

Model Differencing and Merging:

- Compare and/or merge models.

Configuration Management:

- Version control to efficiently manage the work.

Centralized Work Control:

- Create a controlled working environment in which user privileges are predefined.

Bulletin Board:

- Stored bulletin board comments and interactive real-time chat so team members can interact on project tasks.

Activity Log:

- A recording of user activities that can be viewed at any point of time.

UML Compliance:

- Unified Modeling Language (UML) version 1.3.

UML Validator

- Verify UML specification compliance.

Internationalization:

- Support for international language.

Platform Independency:

- Operate on all platforms supporting Java Virtual Machine.

Copy Across Model:

- Copy part of a model and paste it to another model.

Cittera is a Web-based application facilitating multiple users working in a collaborative mode simultaneously on the same model. In real-time teams can work together regardless of their locations. Cittera brings teams together virtually, thus eliminating travel costs.

Cittera enables users to create and refine models in an offline mode. These models can be merged with the online mode models at any point in time.

Cittera enables users to implement security effectively. Role-based security capabilities within Cittera control a user's privileges to accept or reject changes to the model.

Cittera enables users to compare different models or versions of a model whether created on or offline and seamlessly integrates them.

Cittera allow users to efficiently baseline and store a documented history of models automating the configuration management process.

Cittera is built on the concept of privileged users referred to as the model owners. Model owners have the privilege to accept/reject changes on their models, thereby creating a controlled working environment. This creates a responsible member that is accountable for changes in the model.

Cittera enables instantaneous communication between team members, which is stored throughout the life of the model with an extensive search facility. This allows development team members to replay events as well as relive experiences.

Cittera stores a history of each incremental change within a model. This historical data is searchable, letting users view the model at any point of its lifecycle. The activity log lets users view the work of others without being in the same view/diagram. Users of Cittera are able to learn the process of developing an efficient UML model by reviewing earlier works.

Cittera is completely compatible with the Unified Modeling Language (UML) version 1.3. This ensures easy work conversion.

Cittera incorporates a UML validator to insure compliance of a model to the UML specification. By using Cittera, developers who are not familiar with UML can easily create models in accordance with the specification.

Presently Cittera supports two languages, specifically, English and Japanese. Cittera can be localized to support any international language.

Cittera is developed using Java, a highly flexible and platform independent language, enabling Cittera to operate on all platforms that support Java Virtual Machine.

Cittera supports copying part of a model and pasting it to other models, enabling the reuse of components stored at the organizational level. This capability allows the reuse of quality-tested components insuring improved speed-to-market and software quality.

Cittera Capabilities

Cittera provides a rich UML modeling environment with support for the UML 1.3 specification. Java and C++ languages are supported with both forward and reverse engineering as well as native XML support. Cittera provides version-control, with audit trail capabilities, and it creates a virtual collaborative workspace.

Extending Other Tools

Cittera's ability to import files from other modeling tools and export to XMI (XML metadata interchange) enables it to enhance the knowledge and models that are currently stored in those tools. Cittera can then serve as a robust yet cost-effective collaboration extension to current modeling tool investments.

Cittera Hardware Specifications:

Server

- § Pentium III 500 MHz or higher
- § 20 GB Hard Disk
- § 512 MB RAM
- § Internet Connectivity: lease line

Client

- § Pentium III 500 MHz or higher
- § 100MB free disk space
- § Internet Connectivity: Preferably 56 kbps or higher (T1 or DSL)
- § 128 MB RAM minimum (256 MB recommended)



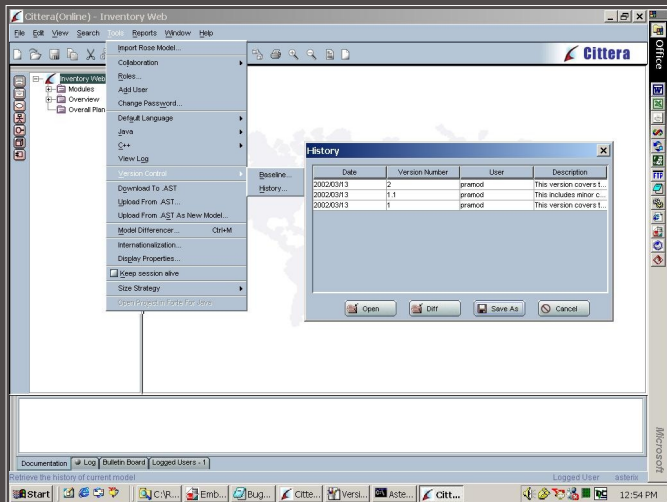
Cittera Software Specifications:

For Server

- § SonicMQ
- § Oracle 8i
- § Java Development Kit 1.3 (JDK)
- § Java Servlet Development Kit 2.0 (JSDK)
- § Apache Web Server 1.3.19
- § Apache Jserv 1.1.2.2

For Client

The minimum software requirement for installing Cittera Client is Java Virtual Machine, which is bundled with the installation program.



About CanyonBlue

CanyonBlue was founded by leaders from the software development industry. Their mission is to provide Internet-enabled tools that empower software professionals to build solutions that meet the challenging needs of the new economy. To accomplish this they are leveraging their significant experience in the practices of software reuse and fast ramp-up to bring to market timely and high-quality applications.