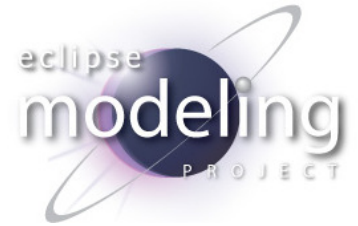


# EMFT Ganymede Simultaneous Release Mini Deck

June 4<sup>th</sup>, 2008





## What is EMFT?

- The Eclipse Modeling Framework Technology (EMFT) is an Eclipse Modeling sub-project
  - <http://www.eclipse.org/modeling/emft/>
- Exists to incubate new technologies that extend or complement EMF
- Committers currently from Anyware Technologies, IBM, Intalio, Obeo in addition to individuals contributions



# Current Components

## Compare

**EMF Compare** brings model comparison to the EMF framework, this tool provides generic support for any kind of metamodel in order to compare and merge models. The objectives of this component are to provide a stable and efficient generic implementation of model comparison and to provide an extensible framework for specific needs.

## Mint

The goal of Mint is to improve out-of-the-box Java developer experience when writing EMF-based software. This is accomplished by extending Java Development Tools (JDT) with EMF-specific enhancements. The initial contribution consists of filters and decorators for highlighting EMF-generated code, Java search integration, as well as editor enhancements for navigating from EMF models to generated Java code.

## CDO

CDO is both a technology for distributed shared EMF models and a fast server-based O/R mapping solution.

## Ecore Tools

The **Ecore Tools** component provides a complete environment to create, edit and maintain Ecore models. This component eases handling of Ecore models with a Graphical Ecore Editor and bridges to other existing Ecore tools (Validation, Search, Compare, Emfatic, generators...). The Graphical Ecore Editor implements multi-diagram support, a custom tabbed properties view, validation feedbacks, refactoring capabilities... The long-term goal is to provide the same level of services as does JDT for Java.

## Search

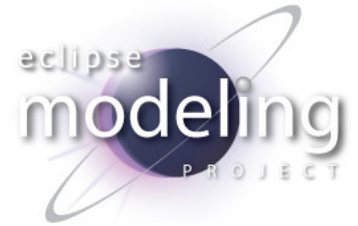
EMF Search will provide the fundamental infrastructure and components for search queries on EMF based models. A particular focus will be made on integration with the Eclipse Core Search API for end user tight integration.

## Net4j

Net4j is an extensible client-server system based on the Eclipse Runtime and the Spring Framework.

- EMFT also hosts the following components, which are not part of Ganymede: Modeling Workflow, JCR Management, Temporality, and EMF4Net

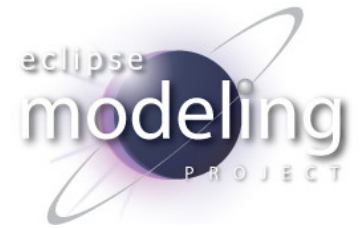




# Ganymede Release Talking Points

- Quality of APIs
  - The component lead certifies that the requirements for Eclipse Quality APIs have been met for this release
- End of Life Issues:
  - No significant deprecations, deletions, or other end-of-life changes
- IP Issues:
  - All significant contributions, non-Committer code contributions, and third-party libraries have received IP clearance
  - The IP Log is located at <http://www.eclipse.org/modeling/emft/eclipse-project-ip-log.php>





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