

# EMF/HeliosReview

## From Eclipsepedia

< EMF

This page provides the required *docuware* for the **EMF Core 2.6.0 Release Review**, as part of the upcoming **Helios Simultaneous Release**.

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## Overview

The EMF project is a modeling framework and code generation facility for building tools and other applications based on a structured data model. From a model specification described in XMI, EMF provides tools and runtime support to produce a set of Java classes for the model, along with a set of adapter classes that enable viewing and command-based editing of the model, and a basic editor.

The Helios release was primarily maintenance but a significant number of interesting aspects were added, including support reflective operation invocation, extensible operation, feature and constraint behavior, runtime and generator support for Google Widget Toolkit, improved RAP integration, and property-based data binding.

## Features

### New in this release

- See [http://wiki.eclipse.org/EMF/New\\_and\\_Noteworthy/Helios](http://wiki.eclipse.org/EMF/New_and_Noteworthy/Helios)

### Accordance with project plan themes and priorities

- Compliance - 0 committed, 0 deferred
- Release Currency - 0 committed, 0 deferred
- Usability - 0 committed, 0 deferred

See <http://www.eclipse.org/projects/project-plan.php?planurl=http://www.eclipse.org/modeling/emf/emf/project-info/plan.xml&component=EMF>

## Non-Code Aspects

- Documentation hosted at [EMF Web site | <http://www.eclipse.org/modeling/emf/?project=emf>]
- Documentation (FAQ, Javadoc, articles, etc.) available at <http://wiki.eclipse.org/EMF>.

## APIs

- The project lead certifies that the requirements for Eclipse Quality APIs have been met for this release.
- Metamodel definitions and corresponding implementations are considered APIs.
- API Tooling has not been employed; no time.

## Architecture

- Reflective operation invocation.
- Extensible behavior for operations, features, and constraints.
- Property-based data binding.
- Runtime and generator support for Google Widget Toolkit.
- Improved RAP integration.

## Tool Usability

- Sample tools haven't changed significantly.

## End-of-Life

Nothing significant has been deprecated.

## Bugzilla

Bugzilla snapshot for Helios as of May 28, 2010.

	NEW	ASSIGNED	REOPENED	RESOLVED	VERIFIED	CLOSED	Total
blocker	<a href="#">.</a>	<a href="#">.</a>	<a href="#">.</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">1</a>	<a href="#">6</a>
critical	<a href="#">.</a>	<a href="#">.</a>	<a href="#">.</a>	<a href="#">4</a>	<a href="#">2</a>	<a href="#">2</a>	<a href="#">8</a>
major	<a href="#">.</a>	<a href="#">1</a>	<a href="#">.</a>	<a href="#">5</a>	<a href="#">12</a>	<a href="#">6</a>	<a href="#">24</a>
normal	<a href="#">3</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">51</a>	<a href="#">157</a>	<a href="#">21</a>	<a href="#">234</a>
minor	<a href="#">.</a>	<a href="#">.</a>	<a href="#">.</a>	<a href="#">7</a>	<a href="#">14</a>	<a href="#">1</a>	<a href="#">22</a>
trivial	<a href="#">.</a>	<a href="#">.</a>	<a href="#">.</a>	<a href="#">1</a>	<a href="#">5</a>	<a href="#">.</a>	<a href="#">6</a>
enhancement	<a href="#">36</a>	<a href="#">2</a>	<a href="#">.</a>	<a href="#">27</a>	<a href="#">66</a>	<a href="#">8</a>	<a href="#">139</a>
Total	<a href="#">39</a>	<a href="#">4</a>	<a href="#">1</a>	<a href="#">97</a>	<a href="#">259</a>	<a href="#">39</a>	<a href="#">439</a>

# Standards

Ecore is isomorphic to the OMG's EMOF specification.

# UI Usability

EMF core provides only a sample user interface.

# Schedule

EMF Core is a “+1” component in the simultaneous release.

M1	08/17/2009	
M2	09/28/2009	
M3	11/09/2009	
M4	12/14/2009	
M5	02/01/2010	
M6	03/15/2010	API freeze
M7	05/03/2010	Feature Freeze
RC1	05/17/2010	
RC2	05/24/2010	
RC3	05/31/2010	
RC4	06/07/2010	
RC5	06/14/2010	
Helios	06/23/2010	

# Communities

- Interaction in Bugzilla
- Activity on the EMF newsgroup
- Collaboration with other projects at Eclipse

# Committer Changes

No commiter change.

# IP Issues

The EMF Core leadership verifies that:

- the about files and use licenses are in place as per the Guidelines to Legal Documentation.
- all contributions (code, documentation, images, etc) have been committed by individuals who are either Members of the Foundation, or have signed the appropriate Committer Agreement. In either case, these are individuals who have signed, and are abiding by, the Eclipse IP Policy.
- all significant contributions have been reviewed by the Foundation's legal staff.
- all non-Committer code contributions, including third-party libraries, have been documented in the release and reviewed by the Foundation's legal staff.
- all Contribution Questionnaires have been completed.
- the "provider" field of each plug-in is set to "Eclipse Modeling Project“.
- the "copyright" field of each feature is set to the copyright owner (the Eclipse Foundation is rarely the copyright owner).
- any third-party logos or trademarks included in the distribution (icons, help file logos, etc) have been licensed under the EPL.

- any fonts or similar third-party images included in the distribution (e.g. in PDF or EPS files) have been licensed under the EPL.

The EMF Core Project IP log in located at [http://www.eclipse.org/projects/ip\\_log.php?projectid=modeling.emf.emf](http://www.eclipse.org/projects/ip_log.php?projectid=modeling.emf.emf)

## Project Plan

The current project plan is available from <http://www.eclipse.org/projects/project-plan.php?planurl=http://www.eclipse.org/modeling/emf/emf/project-info/plan.xml&component=EMF>.

Draft development plan for EMF Core 2.7.0 is not yet available.

Retrieved from "<http://wiki.eclipse.org/EMF/HeliosReview>"

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