EMF/Validation/HeliosReview

From Eclipsepedia

< EMF \ Validation

This page provides the required docuware for the EMF Validation 1.4.0 Release Review, as part of the upcoming Helios Simultaneous Release.

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Overview

The EMF Validation project provides the following capabilities.

- Constraint Definition - Provides API for defining constraints for any EMF meta-model (batch and live constraints).
- Customizable model traversal algorithms - Extensibility API to support meta-models that require custom strategies for model traversal.
- Constraint parsing for languages - Provides support for parsing the content of constraint elements defined in specific languages. The validation framework provides support for two languages: Java and OCL.
- Configurable constraint bindings to application contexts - API support to define "client contexts" that describe the objects that need to be validated and to bind them to constraints that need to be enforced on these objects.
- Validation listeners - Support for listening to validation events.

Features

New in this release

EMF Validation is undergoing it's participation in the Eclipse Simultaneous release as it has for each and every
release. This is the fifth yearly June release of EMF Validation.

**Accordance with project plan themes and priorities**

See the EMF Validation project plan at http://www.eclipse.org/projects/project-plan.php?projectid=modeling.emf.validation

**APIs**

APIs have not changed this release.

- 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 been employed.

**Architecture**

- No change.

**Tool Usability**

- Tools haven't changed.

**End-of-Life**

Nothing has been deprecated.

**Bugzilla**

Bugzilla snapshot for the Helios release.

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**Standards**

Not applicable.

**UI Usability**
Nothing has changed.

**Schedule**

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

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**Communities**

- Interaction in Bugzilla
- Activity on the EMF newsgroup
- Collaboration with other projects at Eclipse
- Attendance at EclipseCon 2010

**Committer Changes**

No committers changes on EMF Validation for Helios.

**IP Issues**

The EMF Validation component 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“.
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Project Plan

The current project plan is available from http://www.eclipse.org/projects/project-plan.php?projectid=modeling.emf.validation

Draft development plan for next release is not yet available.


Category: EMF