

# Xpand/HeliosReview

## From Eclipsepedia

< Xpand

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This page provides the required *docuware* for the **Xpand v1.0.0 Release Review**, as part of the upcoming **Helios Simultaneous Release**.

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Release Review : June 11, 2010

Communication Channel : [eclipse.modeling.m2t](mailto:eclipse.modeling.m2t@itemis.de) newsgroup

Process Documentation : [http://www.eclipse.org/projects/dev\\_process/development\\_process.php](http://www.eclipse.org/projects/dev_process/development_process.php)

## Overview

Xpand is a language specialized on code generation based on EMF models. It supports the following main language features:

- Pluggable Type System
- Dynamic Dispatch of Functions
- AOP
- Rich Expressions (OCL-like but with Java-like syntax)

## Features

Besides numerous bug fixes the main new features are:

- Profiler
- Incremental Generation
- Alternative Faster Backend

See [[Xpand\\_New\\_And\\_Noteworthy#Version\\_1.0.0 New & Noteworthy](#)])

## Non-Code Aspects

Documentation has been overhauled and extended.

## Testing & Packaging

Xpand makes use of the eclipse.org Hudson new continuous build system (<https://build.eclipse.org/hudson/job/cbi-m2t-xpand-0.7/>) .

Xpand is integrated into the **Helios Release Train** since Oktober 2009.

## Community & Support

- Active newsgroup with numerous posts a day
- Presentations at EclipseSummit and EclipseCon
- Blog posts on [planet.eclipse.org](http://planet.eclipse.org)
- Bugs changed between 2009-07-01 and 2010-05-28:

Severity	Status						
		NEW	ASSIGNED	REOPENED	RESOLVED	CLOSED	Total
	critical	.	.	.	<u>3</u>	<u>1</u>	<u>4</u>
	major	<u>2</u>	<u>1</u>	<u>1</u>	<u>8</u>	<u>1</u>	<u>13</u>
	normal	<u>29</u>	<u>1</u>	<u>2</u>	<u>67</u>	<u>8</u>	<u>107</u>
	minor	.	.	.	<u>13</u>	<u>1</u>	<u>14</u>
	trivial	.	.	.	<u>5</u>	.	<u>5</u>
	enhancement	<u>26</u>	<u>2</u>	.	<u>24</u>	<u>2</u>	<u>54</u>
	Total	<u>57</u>	<u>4</u>	<u>3</u>	<u>120</u>	<u>13</u>	<u>197</u>

## IP Issues

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The Xpand IP Log is available from [1] ([http://www.eclipse.org/projects/ip\\_log.php?projectid=modeling.m2t.xpand](http://www.eclipse.org/projects/ip_log.php?projectid=modeling.m2t.xpand))

## Project Plan

The current project plan is available from [2] (<http://www.eclipse.org/projects/project-plan.php?projectid=modeling.m2t.xpand>) .

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

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