

Palladio 3.4

Palladio Days 2012, Paderborn

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Release Notes: 50 Issues

Improvement

- [\[PALLADIO-3\]](#) - Missing Tooltips in GMF SEFF editor
- [\[PALLADIO-8\]](#) - auto-layout in RDSEFF editors
- [\[PALLADIO-127\]](#) - Change naming of start and stop actions
- [\[PALLADIO-141\]](#) - Reduce time for QVTO Event Transformation
- [\[PALLADIO-164\]](#) - Add notation for parent interfaces of interfaces
- [\[PALLADIO-167\]](#) - Enable StoEx Analyzer Tests for CI Server
- [\[PALLADIO-169\]](#) - Integrate existing Test Projects in the build
- [\[PALLADIO-187\]](#) - PCMSolver Feature: Cleanup svn directory name
- [\[PALLADIO-188\]](#) - Palladio Perspective: Add Palladio logo as icon
- [\[PALLADIO-189\]](#) - MediaStore Example: Warning during execution
- [\[PALLADIO-190\]](#) - Palladio Examples as ZIP-Archive Downloads
- [\[PALLADIO-191\]](#) - Examples: Remove Version Infos from Examples
- [\[PALLADIO-192\]](#) - Clean Up Minimum Project Examples
- [\[PALLADIO-198\]](#) - Plugin Vendor GMF custom code should be adapted
- [\[PALLADIO-200\]](#) - Minimum Event Example: Add Channel and Filters

New Feature

- [\[PALLADIO-170\]](#) - Provide new Palladio perspective
- [\[PALLADIO-205\]](#) - Palladio Project Wizard
- [\[PALLADIO-206\]](#) - Migrate Perspective into UI Plugin

Task

- [\[PALLADIO-126\]](#) - Palladio JavaDoc Build
- [\[PALLADIO-158\]](#) - Remove JIRA component ProbFunction
- [\[PALLADIO-185\]](#) - Configure 3.4 Version settings in the features


Sub-task

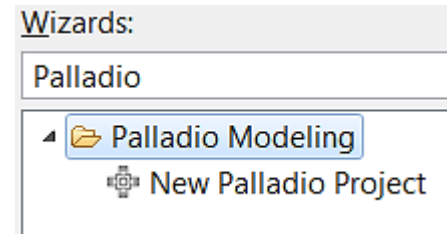
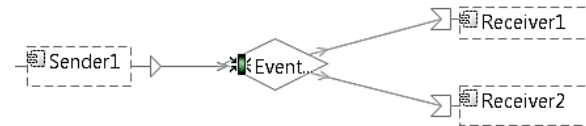
- [\[PALLADIO-58\]](#) - Update remaining example models to current PCM version or delete them
- [\[PALLADIO-128\]](#) - Interface inheritance issue, unable to define SEFFs realizing methods defined in parent interface
- [\[PALLADIO-182\]](#) - LQNModel: Add Edit and Editor to Solver Feature

Bug

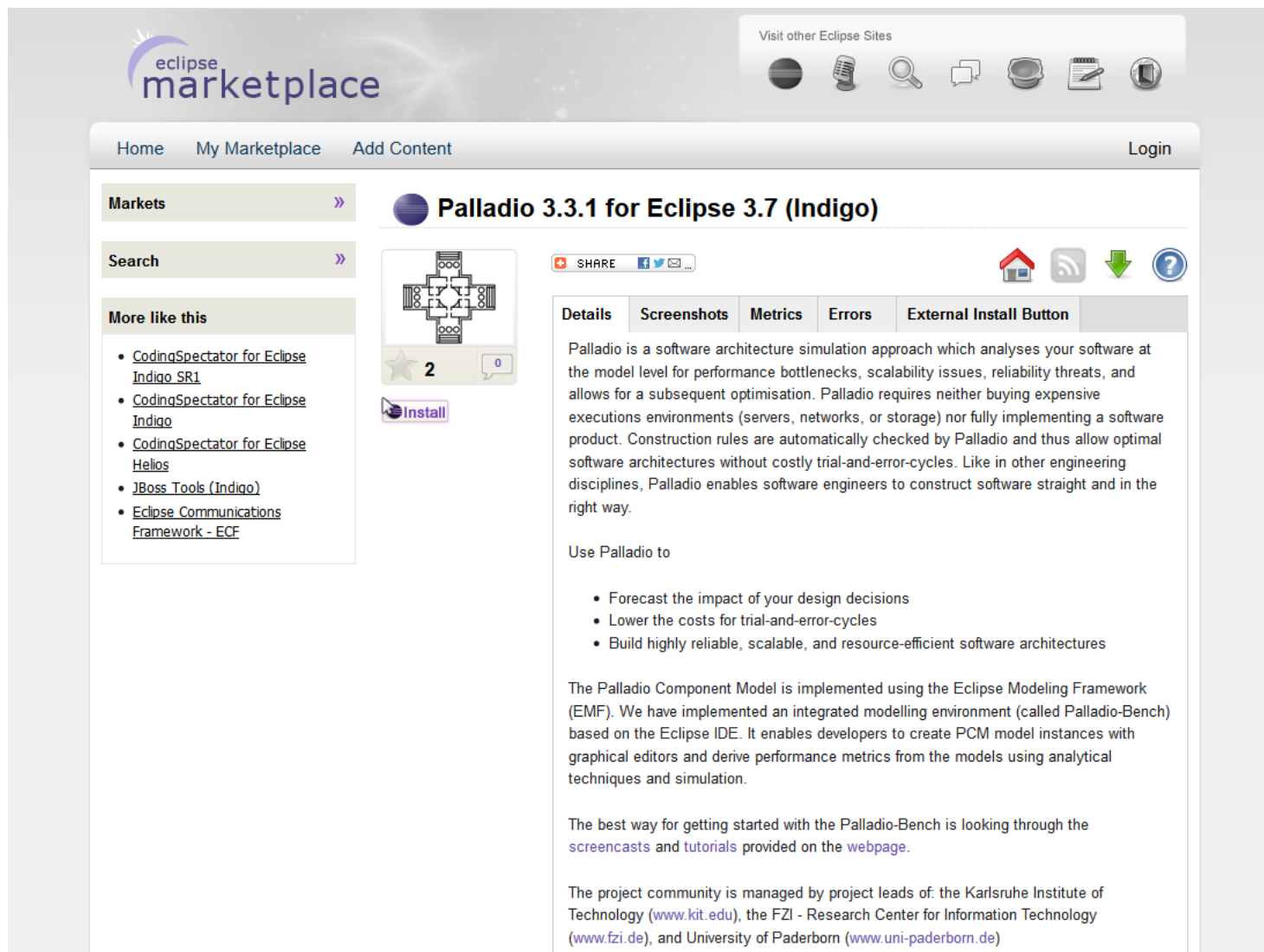
- [\[PALLADIO-34\]](#) - ProtoCom is not available in the run dialog
- [\[PALLADIO-159\]](#) - Removal of operations of an interface is not sync'ed with editor
- [\[PALLADIO-160\]](#) - Compilation Error in Project de.uka.ipd.sdq.pcm.doc
- [\[PALLADIO-163\]](#) - Pojo generation creates non-compileable code
- [\[PALLADIO-171\]](#) - Incorrect grammar: StochasticExpression do not support Strings containing numbers
- [\[PALLADIO-179\]](#) - ResourceEnvironment Editor: ResourceContainer not displayed properly
- [\[PALLADIO-183\]](#) - Sensorframework Visualisations not installed by default from PCM Update Site
- [\[PALLADIO-186\]](#) - Simucom Framework: Remove printStackTrace from StoExEvaluationVisitor
- [\[PALLADIO-194\]](#) - Allocation Diagram Editor: Unable to create Allocation Context
- [\[PALLADIO-195\]](#) - Allocation Diagram Editor: Unable to create Allocation Context
- [\[PALLADIO-196\]](#) - Repository Properties View: Problems to edit Event Type
- [\[PALLADIO-197\]](#) - allocation.custom is not installed
- [\[PALLADIO-201\]](#) - EventTransformation results in an Invalid allocation model if channels are used
- [\[PALLADIO-202\]](#) - Calculation of FailureMode Probabilities seems to be wrong
- [\[PALLADIO-101\]](#) - de.fzi.se.quality registers pcm extension, but should not
- [\[PALLADIO-103\]](#) - PerOpteryx fails if design decision file has not been opened before starting the optimization because it cannot load the design decisions file.
- [\[PALLADIO-104\]](#) - Fix interest rate calculation in PerOpteryx Cost solver
- [\[PALLADIO-122\]](#) - Fehlermeldung bei Einfügen einer VariableUsage zu einer SetVariableAction im SEFF-Diagramm
- [\[PALLADIO-131\]](#) - Variable Usage / Characterizations are not displayed at various parts of models.
- [\[PALLADIO-135\]](#) - Latency simulation was broken due to refactorings and small improvements
- [\[PALLADIO-137\]](#) - Big RD-SEFFs cannot be simulated due to 64k method size limit of Java.
- [\[PALLADIO-138\]](#) - Compilation errors found in unit 'platform/plugin/de.uka.ipd.sdq.pcm.resources/transformations/events/transformation-psm.qvto'
- [\[PALLADIO-139\]](#) - Stackframe values not available if network completion is used
- [\[PALLADIO-142\]](#) - Generated event simulation java code does not compile
- [\[PALLADIO-143\]](#) - Stackframe of ForkAction is not passed correctly: Invalid generated Java code
- [\[PALLADIO-144\]](#) - Set Feature versions to 3.3.1

Release Highlights

- Eclipse Juno 
- Full Graphical Editor Support for Events
- Palladio Perspective incl. Project Wizard
- SimuCom Workflow Performance
- ProtoCom Configuration Usability
- ...



Palladio @ Eclipse Marketplace



The screenshot shows the Eclipse Marketplace interface. At the top, there's a navigation bar with "Home", "My Marketplace", "Add Content", and "Login". Below this, a sidebar on the left contains "Markets", "Search", and "More like this" sections. The main content area displays the details for "Palladio 3.3.1 for Eclipse 3.7 (Indigo)".

Markets »

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- [CodingSpectator for Eclipse Indigo](#)
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- [JBoss Tools \(Indigo\)](#)
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Palladio 3.3.1 for Eclipse 3.7 (Indigo)

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Palladio is a software architecture simulation approach which analyses your software at the model level for performance bottlenecks, scalability issues, reliability threats, and allows for a subsequent optimisation. Palladio requires neither buying expensive executions environments (servers, networks, or storage) nor fully implementing a software product. Construction rules are automatically checked by Palladio and thus allow optimal software architectures without costly trial-and-error-cycles. Like in other engineering disciplines, Palladio enables software engineers to construct software straight and in the right way.

Use Palladio to

- Forecast the impact of your design decisions
- Lower the costs for trial-and-error-cycles
- Build highly reliable, scalable, and resource-efficient software architectures

The Palladio Component Model is implemented using the Eclipse Modeling Framework (EMF). We have implemented an integrated modelling environment (called Palladio-Bench) based on the Eclipse IDE. It enables developers to create PCM model instances with graphical editors and derive performance metrics from the models using analytical techniques and simulation.

The best way for getting started with the Palladio-Bench is looking through the [screencasts](#) and [tutorials](#) provided on the [webpage](#).

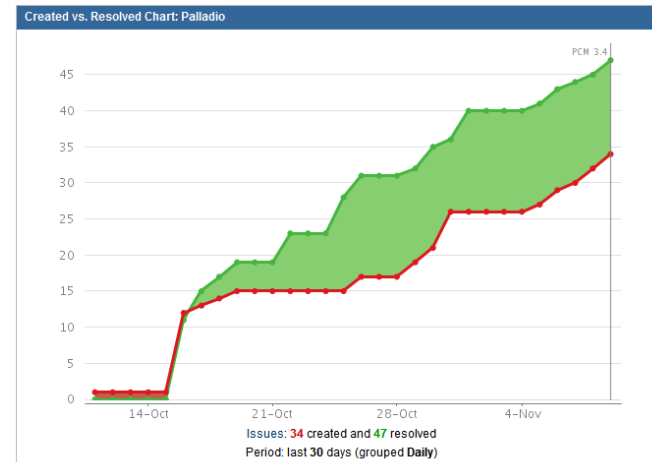
The project community is managed by project leads of: the Karlsruhe Institute of Technology (www.kit.edu), the FZI - Research Center for Information Technology (www.fzi.de), and University of Paderborn (www.uni-paderborn.de)

Facts & Activities

- 1785 Commits since last release
- 117 Jira Users
- 92 Plugins Palladio Core
- 55 Plugins standalone components
- Incubation and Addons even more...

[bearbeiten] Concall minutes

[Concall 09/01/2012](#)
[Concall 12/03/2012](#)
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LET'S GO FOR PALLADIO 3.5

2013 Spring Release

- Palladio Usability
- ProtoCom
- ProbeSpec
- SimuCom Modernization
- Extendibility
- SoMoX