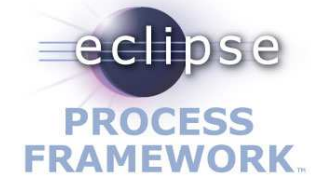


The Eclipse Process Framework – how it can address your team's process needs

Chinh Vo

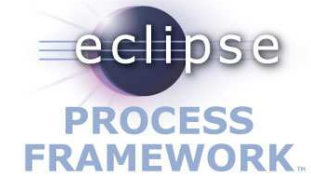
Team Lead - IBM Rational

The EPF Project: Overview



- EPF is an Open Source project within the Eclipse Foundation
- The goals of EPF are to provide:
 - An extensible framework and tooling for authoring, configuring and publishing processes
 - Exemplary processes – OpenUP, DSDM, Scrum, XP
- Process Authors and Coaches (Process Management Team)
 - Tooling for creating and publishing processes
 - Foundational process for starting point
 - Libraries of additional content that can be plugged-in
- Process Consumers (Project Team)
 - Published website of process content for simple browsing
 - Guidance in the form of checklists, concepts, guidelines, templates
 - Browse the content adapted to your experience level

EPF Content: OpenUP



- An iterative software development process that is minimal, complete, and extensible
 - Minimal - Contains vital roles, tasks and guidance
 - Complete - Complete for small co-located teams
 - Extensible - Serves as a foundation that can be extended and tailored
- OpenUP incorporates a number of agile practices...
 - Test-First Design
 - Continuous Integration
 - Agile Estimation
 - Daily Standup, Iteration Assessment, Iteration Retrospective
 - Self-organizing teams
- ...within the context of an iterative, incremental lifecycle (UP).

EPF Content: Scrum Plug-in



Eclipse Process Framework Composer Glossary | Feedback

Where am I | Tree Sets |

Content

- Introduction
- What's Scrum
- References
- Scrum Elements
 - Scrum Roles
 - Product Owner
 - Scrum Master
 - Scrum Team
 - Stakeholder
 - Scrum Artifacts
 - Product Backlog
 - Sprint Backlog
 - Product increment
 - Collaboration Points
 - Sprint Planning
 - Daily Scrum
 - Sprint Review
 - Sprint Retrospective
 - Scrum LifeCycle
 - Scrum Lifecycle
 - Preparation Phase
 - Sprint phases
 - Guidance
 - Applying Scrum
 - Product, Release and Sprint

Introduction Edit/Info

Scrum Introduction

Scrum is an empirical Agile project management framework used to deliver increments of high value to the customer iteratively. Scrum relies on self organizing, empowered teams to deliver the product increments. It also relies on a customer, or Product Owner, to provide a team with a list of desired features using business value as the priority mechanism.

The diagram illustrates the Scrum process flow. It starts with a 'PRODUCT BACKLOG' (represented by blue blocks) which feeds into a 'SPRINT BACKLOG' (represented by blue blocks). A 'DAILY SCRUM MEETING' (represented by a box) is shown with a green arrow indicating a '24 HOURS' cycle. The main cycle is a large green arrow labeled '2-4 WEEKS' that loops back from the 'POTENTIALLY SHIPPABLE PRODUCT INCREMENT' (represented by a yellow block) to the 'SPRINT BACKLOG'. A copyright notice at the bottom right of the diagram reads: 'COPYRIGHT © 2005, MOUNTAIN GOAT SOFTWARE'.

EPF Content: XP Plug-in



Eclipse Process Framework Composer

Where am I | Tree Sets |

Overview | XP Team

- Getting Started
 - Getting Started with XP
 - Key XP Concepts
 - XP Best Practices
 - Guidelines Overview
 - XP White Papers
 - XP Team
- Conceptual Roadmap
- Extreme Programming
- References
 - XP and Agile Process Refer

What is XP?

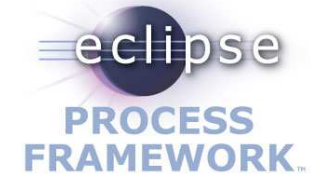
Extreme Programming or XP is a development process that can be used by small to medium sized teams to develop high quality software within a predictable schedule and budget and with a minimum of overhead. XP is currently one of the most widely used agile processes in the industry.

XP Practices

www.XProgramming.com
Used under permission

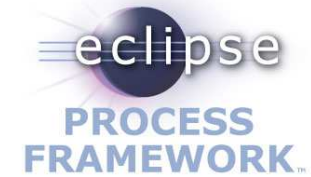
This diagram arranges the core practices of Extreme Programming in a way that makes them easy to remember and that exemplifies the steering and control cycles of the process. For more details, see Concept: XP Practices.

EPF Composer



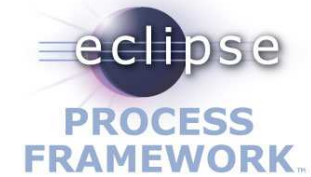
- EPF Composer is built upon the Eclipse platform
- Supports many of the Eclipse plug-ins
 - For example, Mylar
- Different **Views** present specific information
 - For example, Library view shows plug-ins and their content
- **Perspectives** group related views to support a workflow
- Standard Perspectives are:
 - Authoring: for editing method content
 - Browsing: for previewing published elements

Contributing to the project



- Help us
 - evolve EPF Composer
 - evolve available (or create new) processes
- Translation of processes to other languages
 - E.g. OpenUP to Portuguese, Spanish, Russian, ...
- Use the EPF Wiki to browse and comment on existing processes
 - <http://epf.eclipse.org/>
- Send questions or comments to
 - EPF newsgroup: <http://www.eclipse.org/newsgroups/register.php>
 - EPF developers list: <https://dev.eclipse.org/mailman/listinfo/epf-dev>
- Download the bits
 - <http://www.eclipse.org/epf/downloads/downloads.php>

Legal Notices



- Except where otherwise noted, this presentation is: Copyright © IBM Corp., 2007-2008. All rights reserved. Source code in this presentation is made available under the EPL, v1.0, remainder of the presentation is licensed under Creative Commons Att. Nc Nd 2.5 license
- IBM and the IBM logo are trademarks or registered trademarks of IBM Corporation, in the United States, other countries or both.
- Rational and the Rational logo are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries or both.
- Java and all Java-based marks, among others, are trademarks or registered trademarks of Sun Microsystems in the United States, other countries or both.
- Eclipse and the Eclipse logo are trademarks of Eclipse Foundation, Inc.
- Other company, product and service names may be trademarks or service marks of others.
- THE INFORMATION DISCUSSED IN THIS PRESENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. WHILE EFFORTS WERE MADE TO VERIFY THE COMPLETENESS AND ACCURACY OF THE INFORMATION, IT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AND IBM SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING OUT OF THE USE OF, OR OTHERWISE RELATED TO, SUCH INFORMATION. ANY INFORMATION CONCERNING IBM'S PRODUCT PLANS OR STRATEGY IS SUBJECT TO CHANGE BY IBM WITHOUT NOTICE.