

jAPS 2.0 - jAPS Plugin Best Practices

Do It The jAPS Way

Eugenio Santoboni, AgileTec s.r.l. <e.santoboni@agiletec.it>
Roberta Quaresima, Tzente s.r.l. <r.quaresima@tzente.it>

jAPS 2.0 - jAPS Plugin Best Practices

by Eugenio Santoboni and Roberta Quaresima

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Abstract

Provides best practices for implementation of jAPS Plugin.

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Chapter 1. Scope of the document

Introduction

This document provides best practices for implementation of jAPS Plug-in using jAPS Standard Coding Pattern.

Target audience

This document is for developers aiming to build new plugins for jAPS 2.0.

Prerequisites

In order to take the maximum advantage of the present document, it is necessary to have basic knowledge about: the Java platform, the Eclipse IDE, the Apache Tomcat servlet engine, the PostgreSQL DBMS.

Resources

Additional informations may be obtained through the following two mailing-lists:

- <japs-devs@lists.sourceforge.net>, focused on developers
- <japs-users@lists.sourceforge.net>, focused on final users

È inoltre possibile consultare la documentazione presente in:

jAPS 2.0 Project - Sito per gli sviluppatori [<http://dev.japsportal.org/>]

Chapter 2. Best Practices

This document provides best practices for the development of a jAPS Plugin using jAPS Standard Coding Pattern. To support the development and release of a jAPS Plugin are available the following documents:

- "jAPS 2.0 - Guidelines and Coding Standards": describes the encoding standard used in jAPS 2.0 project and provides source code guidelines.
- "jAPS 2.0 - Creation and Integration Services Pattern": provides a description of jAPS architectural model and best practices to develop a new application service.
- "jAPS 2.0 - Plugin Pattern": provides a complete description of jAPS Plugin architecture and best practices to develop a new Plugin based on jAPS 2.0.
- "jAPS 2.0 - Template Plugin Summary": provides specific information for each Plugin released.
- "jAPS 2.0 - Template Plugin Documentation": provides best practices to write the documentation for a jAPS Plugin.

Each jAPS Plugin has been released in a package composed of 3 elements:

- *Readme* : this short document explains the functionality of the jAPS Plugin and the version it is compatible with.
- Src jAPS-Plugin folder: it contains all the components needed to integrate the jAPS Plugin in a project based on jAPS 2.0. The components must be developed according to the best practices as described in the documents "jAPS 2.0 - Creation and Integration Services Pattern" and "jAPS 2.0 - Plugin Pattern."
- Documentation folder: documentation of each jAPS Plugin. The main document, written using the "jAPS 2.0 - Plugin Template documentation", contains the technical and functionality requirements of the jAPS Plugin as detailed in the "jAPS 2.0 - Plugin Pattern" document.

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