

Building Java with Plex Services for Eclipse

Session 2A

Christopher Smith

CJS Solutions

Co-branded Logo Footprint
Aligned LEFT ON COVER ONLY
Must Fit Within This Space

ADC AUSTIN

MKS

WEBSYDIAN™

cm FIRST

desynit
ca™

> Plex Services for Eclipse

What Is It?

Co-branded Logo Footprint
Aligned Right Edge
Must Fit Within This Space

Plex Services For Eclipse

> What Is It?

- What Is Eclipse?
 - Short Story
 - Java IDE
 - Long Story
 - An Open Source Extensible Platform with a Plug-In Architecture.

Plex Services For Eclipse

> What Is It?

- What is Plex Services for Eclipse?
 - Plex Services for Eclipse is an Eclipse Plug-in That gives Plex Developers a platform to enable Plex to use Eclipse as a platform for full lifecycle application development.
 - Using Eclipse provides a Plex generated Java application a large set of tools for building, debugging, deploying and auditing applications

> Plex Services for Eclipse

What does it do?

Co-branded Logo Footprint
Aligned Right Edge
Must Fit Within This Space

Plex Services for Eclipse

> What Does it do?

- Provides a roughly equivalent (or better) IDE integration that Plex has with Microsoft Visual Studio
- From a Plex Gen and Build panel, perform Java builds in an Eclipse Java project
- Specify Build Properties with the Plex Local Model

> Plex Services for Eclipse

How Does it Work?

Co-branded Logo Footprint
Aligned Right Edge
Must Fit Within This Space

Plex Services for Eclipse

> How Does It Work?

- Shipped Plex Java Build
 - Starting with Plex 6.0, Java Builds are performed using ANT, an industry standard build utility
 - Plex ships with ANT and a Plex defined ANT build script.

Plex Services for Eclipse

> How Does It Work?

- Workbench Servlet

- Plug-in provides a “Plex Nature” for Eclipse Java Projects
- Plug-in provides an Eclipse Workbench hosted servlet that listens for Plex build requests
- Plug-in servlet uses the Java Projects “Plex Nature” to import the Plex generated source in an appropriate manner.

Plex Services for Eclipse

> How Does It Work?

- Custom ANT Task
 - Add a new ANT task
 - Replaces the shipped ANT build file
 - Posts the Plex generated source to the Eclipse Workbench servlet
 - Support for Plex 5.5 and nmake is available but deprecated.

> Plex Services for Eclipse

How Do You Use It?

Co-branded Logo Footprint
Aligned Right Edge
Must Fit Within This Space

Plex Services for Eclipse

> How Do You Use It?

- Install the Plug-in into Eclipse
- Install the Custom ANT task and build file into Plex
- Configure custom Gen & Build properties for your local model
- Gen & Build as usual.
- Eclipse projects are created automatically if required

> Plex Services for Eclipse

Where Do You Get It

Co-branded Logo Footprint
Aligned Right Edge
Must Fit Within This Space

Plex Services for Eclipse

> Where Do You Get It?

- Update Site
 - Plug-in is available at <http://www.cjssolutions.com/plex/eclipse>
- Build from Source
 - Source is available on SourceForge
 - <http://sourceforge.net/projects/plexservices/>
 - Subversion repository URL
 - <https://plexservices.svn.sourceforge.net/svnroot/plexservices>

> Plex Services for Eclipse

How Can You Help?

Co-branded Logo Footprint
Aligned Right Edge
Must Fit Within This Space

Plex Services for Eclipse

> How Can You Help?

- This is Open Source
- The aim is to expand where Plex can be used
- Use the Plug-in
- Write about it on the Plex WIKI
- Contribute code