

# Enterprise Projects in an Instant

Using Pulse to Make Your Life Easier

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# Agenda

Challenges that face large (and small) software teams:

- Software Installation
  - Plug-in Dependencies
  - Versions Requirements
  - Compatibility
- Configuration
  - Team Preference Consistency
  - Project Consistency (e.g. Branches)
  - Role/Permission Management

... and who maintains all this stuff?

# Problem #1: **Software Installation**

I have to worry about:

- Which software?
- Which Versions? What Dependencies?
- What about Compatibility?
- How to share and enforce software install stack?

Possible solutions:

- Directory of "approved" installs on main server
- Custom manual Eclipse install w/ everything
- Custom internal update site
- Quitting :(

# Introducing Pulse...



- What is **Pulse**?
  - Magical Eclipse provisioning
- Where did it come from?
  - Years of customer feedback and install/update pains
- What does it do?
  - Installs custom '**profiles**' of software for you
- Sounds easy... why is that cool?
  - It does complete **dependency resolution** for you, **multi-threaded download** for maximum performance, seamless **upgrades** and complete **team sharing** and **permission** management of these **profiles**.
- Ahh, OK, so how much?
  - **Free!**

# Demo - Pulse Software Installation

*Switch to Pulse...*

# Pulse Usage Methods



**Pulse Explorer**

**How would you like to use Pulse?**

Register with Pulse to get access to lots of free goodies!



**Register**  
Free

- Free registration, using only your e-mail address!
- Use, create and customize software profiles.
- Share profiles with friends and colleagues.
- Read and post to support forums.

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**Anonymous**  
Free

- Completely anonymous trial of Pulse.
- Install and run preconfigured profiles.
- Read support forums.

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**Login**

- Already a Pulse user? Log in now!

Powered by Pulse

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# Pulse Explorer - Profile Management

The screenshot displays the Pulse Explorer application window. The title bar reads "Pulse Explorer". Below the title bar, a welcome message says "Hello Riyadh Kalla, welcome to Pulse - delivering Eclipse how you want it". A search bar is located on the right side of the header.

The main interface is divided into several sections:

- Explorer (Left Panel):** Contains a tree view with categories: "Ready to Use Profiles" (with sub-items: Popular, Browse Categories, Shared with You), "Add-on Software" (with sub-items: Browse Categories, Supporting, Public Sites), "My Profiles" (with sub-items: Eclipse 3.3 for Java, MyEclipse 6.5 - Pulse Edition), "My Account", "Store", and "Tips and Tricks".
- Browse Profile Catalog (Main Content Area):** Features a list of profiles with icons and descriptions:
  - CFEclipse with Eclipse Europa** (for use by ColdFusion Developers): "The CFEclipse provides an integrated experience for developing with ColdFusion from within Eclipse."
  - Eclipse Europa Classic Edition** (for use by Developers): "The classic Eclipse download: the Eclipse Platform, Java Development Tools, and Plug-in Development Environment, including source and both user and programmer documentation."
  - Eclipse Europa for C** (for use by C/C++ Developers): "An IDE for C/C++ developers."
  - Eclipse Europa for Java** (for use by Java Developers): "The essential tools for any Java developer, including a Java IDE, a CVS client, XML Editor and Mylyn."
  - Eclipse Europa for Plug-in Development** (for use by Plug-in Developers): "A complete set of tools for developers who want to create Eclipse plug-ins or Rich Client Applications. It includes a complete SDK, developer tools and source code."
  - Eclipse for Android Development** (for use by Android SDK Users): "Android Development Tools (ADT) provides integrated support for Android projects and tools. The ADT plugin includes a variety of powerful extensions that make creating, running, and debugging Android applications faster and easier."
  - MyEclipse 6.5 - Pulse Edition** (for use by Java Developers): "MyEclipse Enterprise Workbench is the top-rated Eclipse-based IDE, providing a rich experience for developing Java and enterprise applications."
- Summary (Bottom Left):** Shows "EPIC Votes: 693", a rating of "(8.9/10)" with five stars, and "License: Free CPL". It also identifies the provider as "CFEclipse Crew". A detailed description follows: "MCFEclipse integrated and ready to go with Eclipse's Java enterprise software. Includes most of the commonly used features from DreamWeaver and Homesite and whole lot that neither of them have. The goal is to produce an IDE for CFML, not a design tool for HTML, so the design features in DreamWeaver have not been implemented. The plugin works on Eclipse 3.x on Mac, Linux, and Windows".
- Details (Bottom Right):** Shows "Not Available" and a note: "No further details are available for this item."

# Pulse Explorer - Groups and Sharing

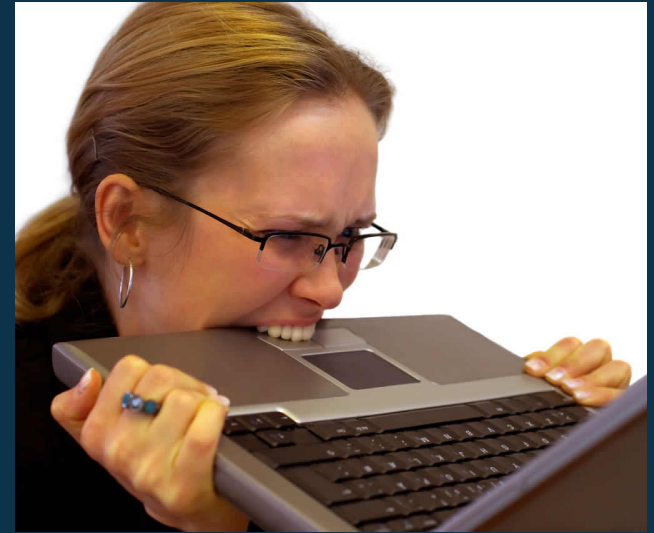
The screenshot displays the Pulse Explorer web interface. At the top, a blue header bar contains the text "Hello Riyadh Kalla, welcome to Pulse - delivering Eclipse how you want it" and a search box with the text "Search is not available here". Below the header, the interface is divided into several sections:

- Explorer:** A sidebar on the left with a search box containing "Europa". It lists categories: "Ready to Use Profiles" (Popular, Browse Categories, Shared with You), "Add-on Software" (Browse Categories, Supporting, Public Sites), "My Profiles" (Eclipse 3.3 for Java, MyEclipse 6.5 - Pulse Edition), "My Account" (Groups, Notifications, Support), "Store", and "Tips and Tricks".
- Customize Group Membership and Management:** The main content area, titled "Browse the groups you are currently a member of, or for groups you are an administrator choose to invite other users to the group." It features a "Groups" list with "Kernel Team", "Mobile Team" (highlighted), and "Web Team". To the right of this list are "Add..." and "Remove" buttons.
- Authorized actions for selected group:** A section titled "You are an administrator of this group and may use any profiles shared with its members." It lists actions: "View all members of the group", "Invite new members to the group", "Remove members from the group", "View all profiles shared with the group", "Share profiles with the group", "Stop sharing profiles with the group (if the original member sharing the profile has given that authorization)", and "Remove yourself from this group". Below this, it notes: "You may also change authorizations for other members and profiles (if the original member sharing the profile has given that authorization)".
- Users of selected group:** A section titled "1 of 20 total users" showing "Riyad Kalla - You". It includes "Invite...", "Remove", and "Permissions..." buttons.
- Profiles shared in selected group:** A section with "Share...", "Remove", and "Permissions..." buttons.
- Groups:** A small box at the bottom left with the text: "This section allows you to manage the groups associated with your account or potentially to create new groups and invite others to join it."

# Problem #2: Configuration

I have to worry about:

- Team-wide preferences, e.g.
  - Java 1.4 only
  - Company formatting rules
- Updating team preferences
- Enforcing team-wide preferences
- Managing team-wide preferences



Possible Solutions:

- Lots of emails
- Preferences inside SCM + Lots of emails
- Threats during meetings?

# Demo - Workbench Configuration


*Switch to Pulse...*

# Pulse - Save Workspace Settings

**Pulse Freelance** [X]

## Save Workspace Settings to Profile

Choose which settings should be saved.



**MyEclipse 6.5 - Pulse Edition** *for use by Java Developers*  
MyEclipse Enterprise Workbench is the top-rated Eclipse-based IDE, providing a rich experience for developing Java and...

This profile is not currently flagged as a freelance profile.

Switch profile to Pulse Freelance; users will require Freelance access to use

Don't associate any project set with this profile

Choose specific projects to associate with this profile


Choose which working sets to associate with this profile


Select All  
Deselect All

Don't associate any preferences with this profile

Save all preferences in this workspace to this profile

Only associate the following preferences with this profile

 CVS Repositories

 Installed JREs

? OK Cancel

# Discussion

What strategies are you using for:

- Consistent software installs & updates
- Preference management across a team

# Thank You for Coming!

**Pulse**

<http://www.poweredbypulse.com>

**Genuitec, LLC**

<http://www.genuitec.com>