Pulling it all together -
Implementing Digital Preservation using the Planets Interoperability Framework

Clive Billenness – Planets Programme Manager
Assembling the Jigsaw

PLATO

CORE REGISTRY

TESTBED

TOOLS

CEI CENTRAL EUROPEAN INITIATIVE

planets
Assembling the Jigsaw

INTEROPERABILITY FRAMEWORK
- TOOLS/SERVICES
- WRAPPERS
- ADMINISTRATION

PLATO
CORE REGISTRY
TESTBED
TOOLS
Welcome to the installation of PLANETS Software Bundle 4.0 (June 09)!

This software is developed by:
- The PLANETS IF Sub-Project <interoperability-framework@planets-project.eu>
- The PLANETS PSERV Sub-Project <pserv@planets-project.eu>
- The PLANETS Testbed Sub-Project <testbed@planets-project.eu>

The homepage is at: http://www.planets-project.eu/

(Made with IzPack - http://izpack.org/)
INSTALLATION OPTIONS

Platform-Independent

- Windows
- Linux

Browser
WORKFLOW EXECUTION ENGINE

System-Independent Java Files
System-Dependent Scripts
(Unix / Windows Servers)
WORKFLOW
EXECUTION
ENGINE

System-Independent Java Files
System-Dependent Scripts
(Unix / Windows Servers)

Preservation Action
Preservation Action
Preservation Action
Preservation Action
Preservation Action
Service
WORKFLOW EXECUTION ENGINE

System-Independent Java Files
System-Dependent Scripts (Unix / Windows Servers)

Preservation Action
Preservation Action
Preservation Action
Preservation Action
Preservation Action Service

PLATO

TESTBED

Design / Execute Preservation Workflows

Contain specific workflows

CLIENT

WORKFLOW EXECUTION ENGINE

Workflows

PLATO

TESTBED

Contain specific workflows
Bundled:
Pure Java
+ Open License

Separately installable:
Non-Java
and/or
Restricted License
Planets Wrapper (Java)  
*Configured for tool e.g. paths*

- Preservation Action Tool
- Preservation Action Tool
- Preservation Action Tool
- Preservation Action Tool

**Bundled:**  
Pure Java + Open License

**Separately installable:**  
Non-Java and/or Restricted License
Planets Wrapper (Java) Configured for tool e.g. paths

Bundled: Pure Java + Open License

Separately installable: Non-Java and/or Restricted License
System Administration Utilities:
- User Manager
- Service Manager
- Data Manager
- Core Registry
  - Formats & Properties
  - Actions
  - Benchmarking
- Logging Application
- Login/logout (JOSSO)

**BASE SERVER**
*(Customised JBOSS)*
*(LGPL)*
Installation Finished

Step 9 of 9

Installation has completed successfully.

An uninstaller program has been created in:
C:\Program Files\PLANETS Software Bundle\Uninstaller

(Made with IzPack - http://izpack.org/)
Putting it all together

- Planets can be installed on workstations or servers
- Installation package from Planets provides:
  - Its own software
  - The underlying utilities and server engines required to run it
  - An initial selection of preservation tools
  - Comes with some preconfigured user accounts
- Initiate the JBOSS engine (Command Line Interface)
- Connect to use Planets

URL: http://localhost:8080
PLANETS SINGLE SIGN ON SERVICE

Enter your Planets ID and password below; then click on the Login button to continue.

Username: admin
Password: 

For security reasons, quit your web browser when you are done accessing services that require authentication!

Be wary of any program or web page that asks you for your ID and password. Planets Distributed Digital Archive Services web pages that ask you for your ID and password will generally have URLs that begin with "https://www.planets-project.eu" or "https://localhost:8443". In addition, your browser should visually indicate that you are accessing a secure page.

Cookies must be enabled to access PLANETS services.

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Questions