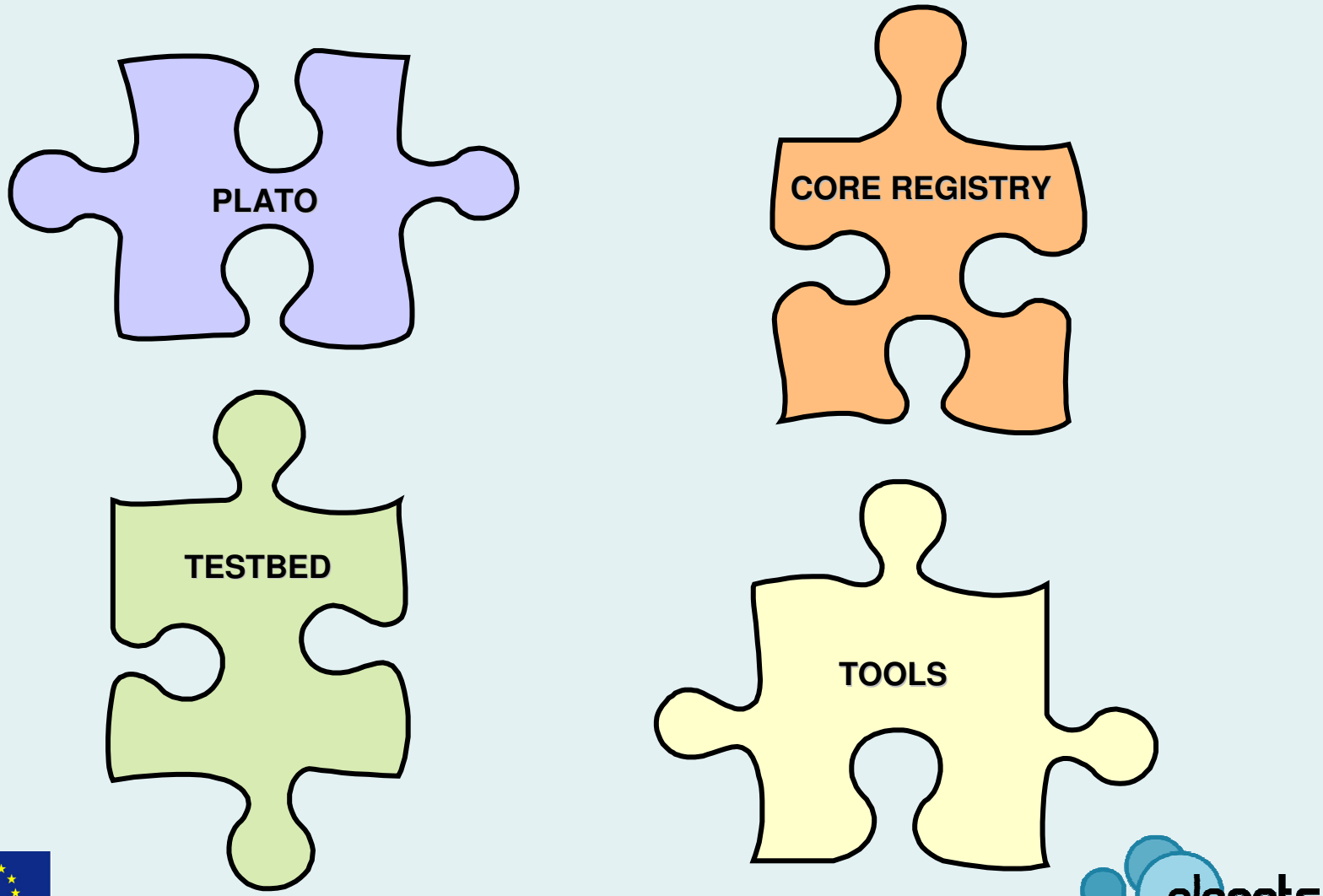
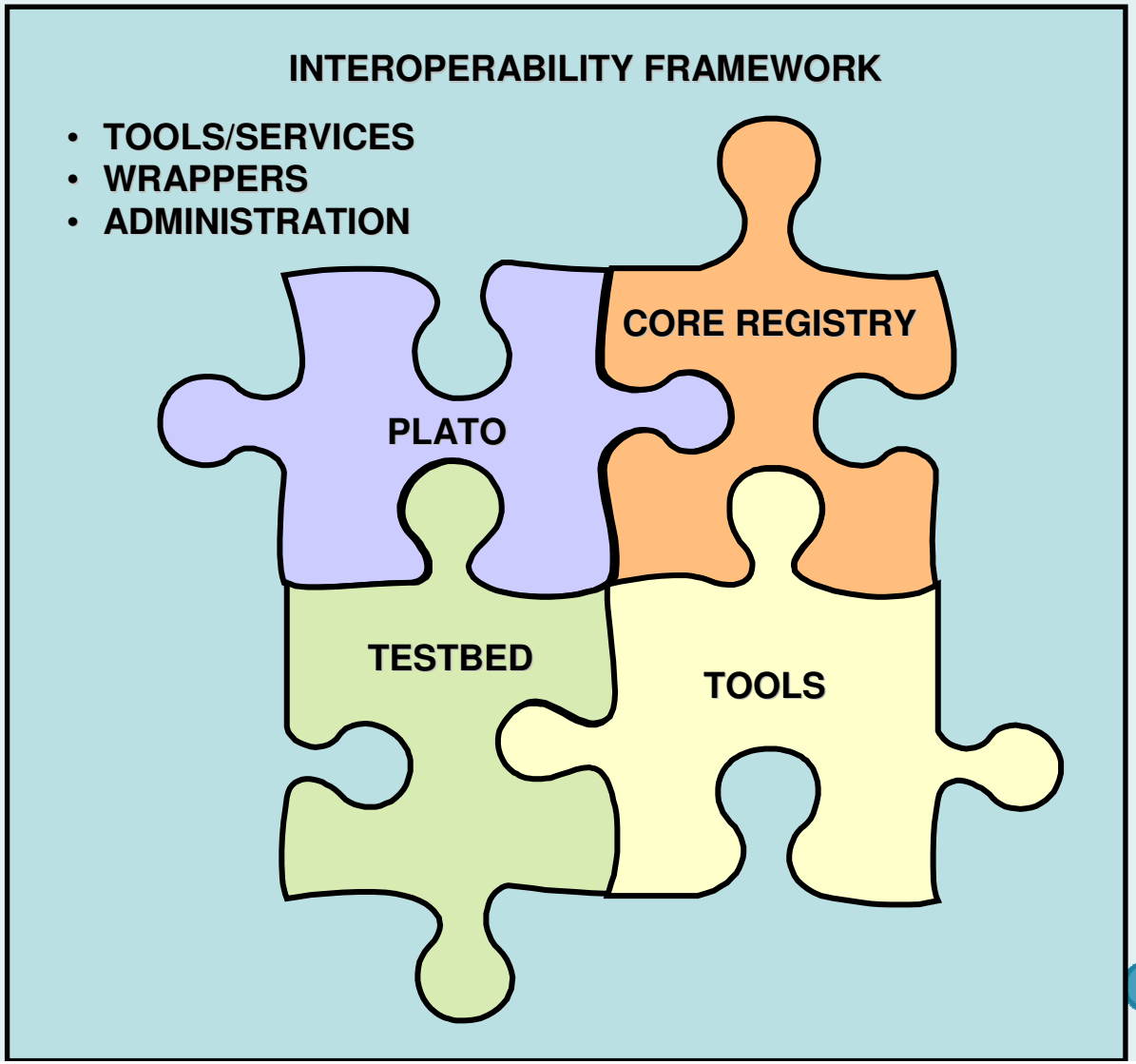
Pulling it all together - Implementing Digital Preservation using the Planets Interoperability Framework

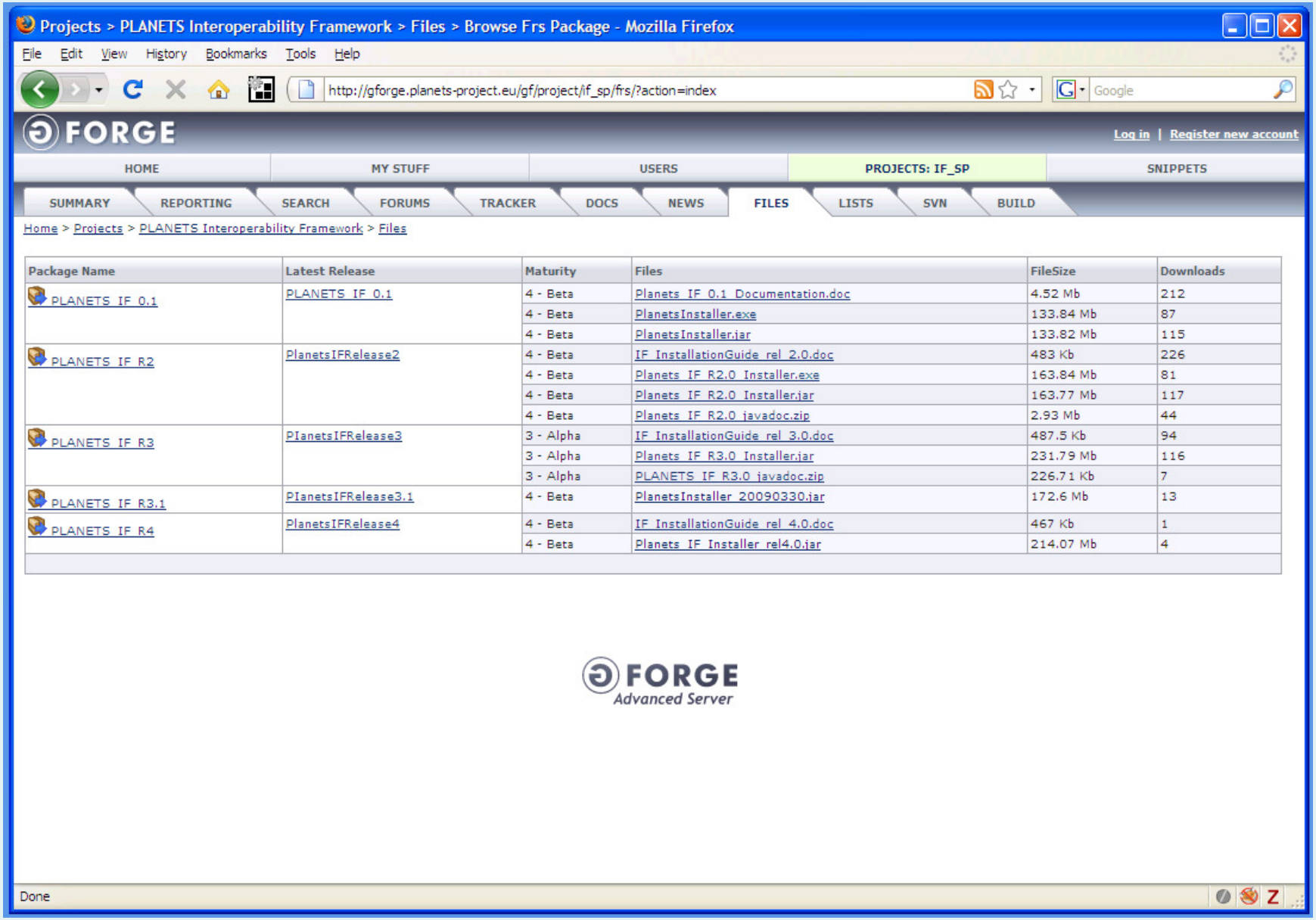
Clive Billenness – Planets Programme Manager

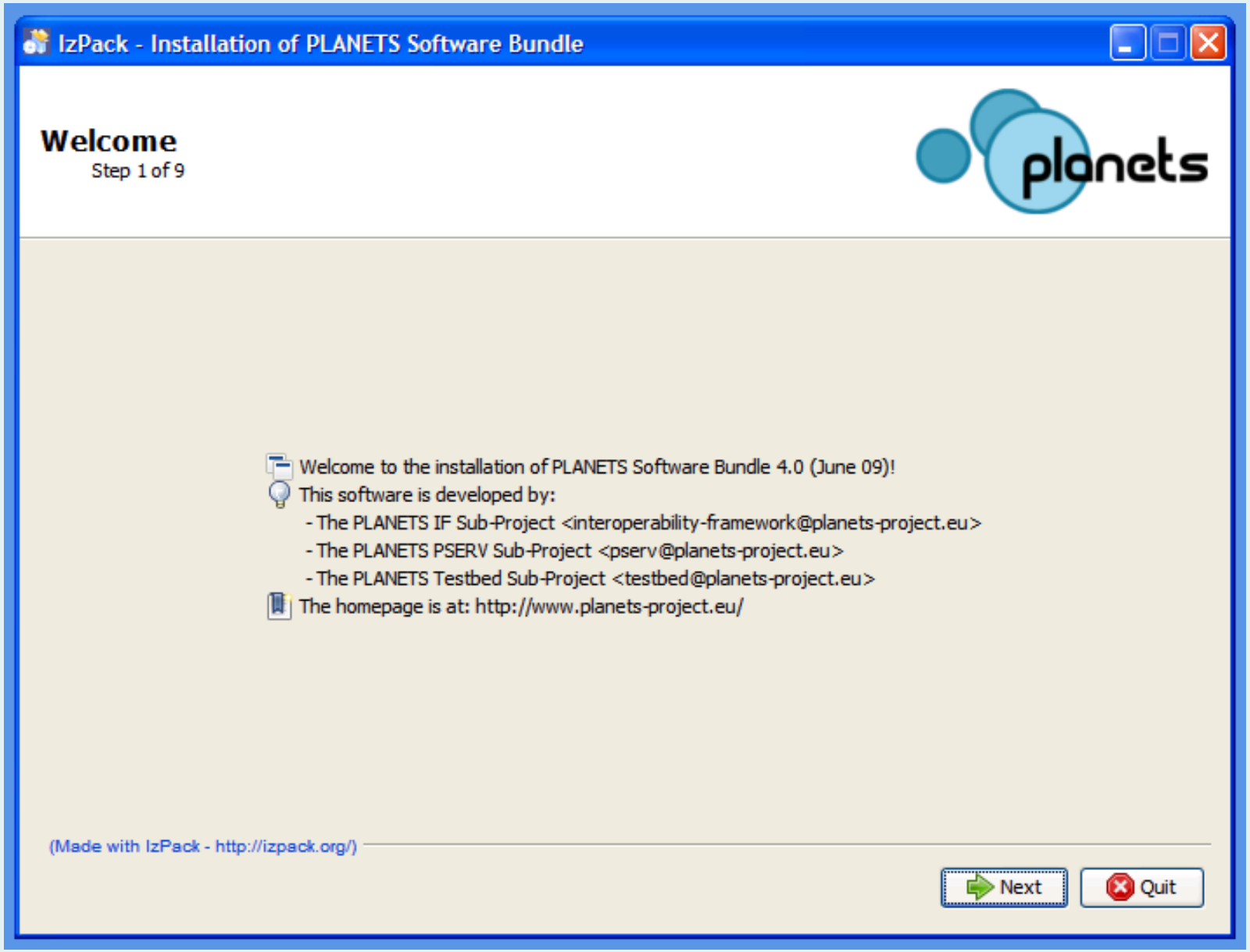
Assembling the Jigsaw



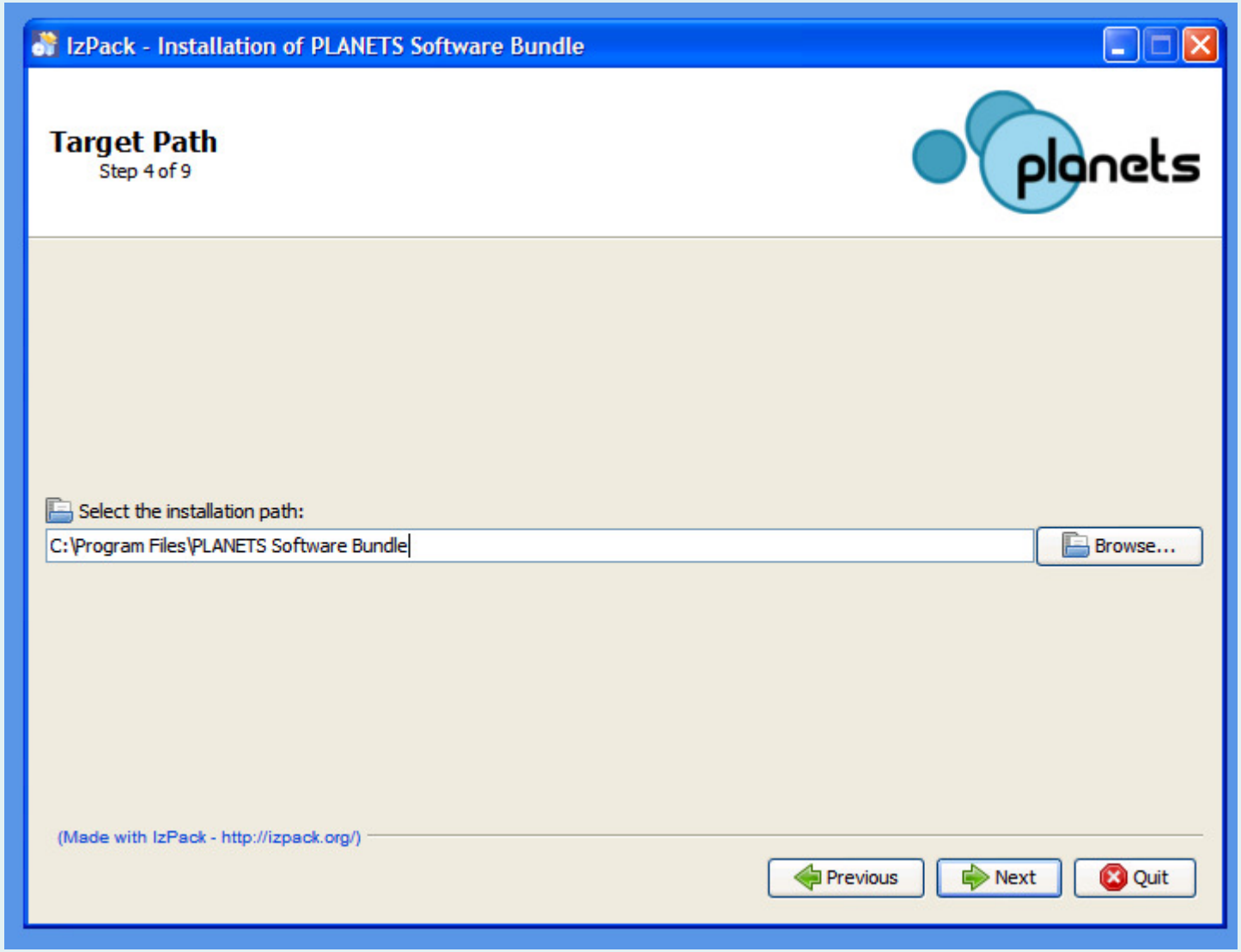
Assembling the Jigsaw



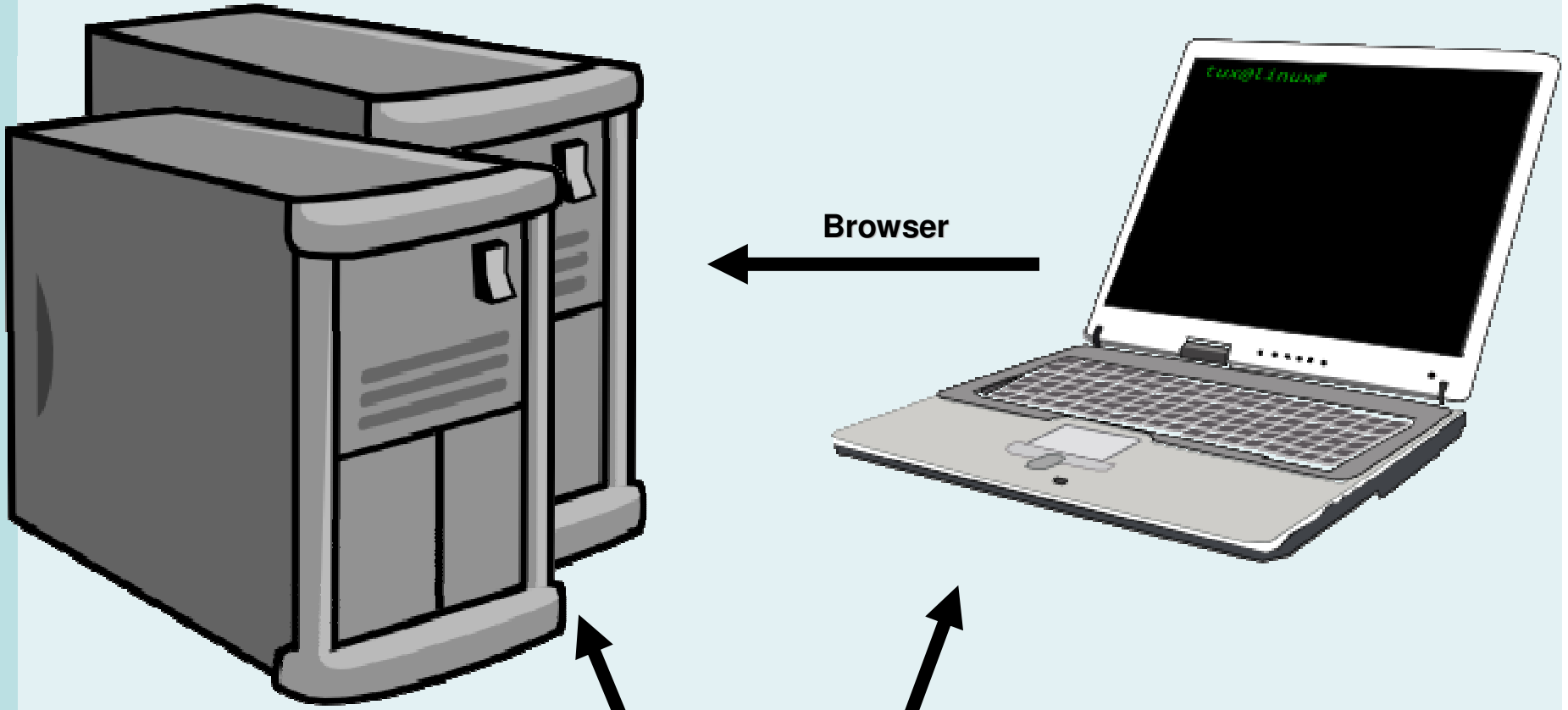

Projects > PLANETS Interoperability Framework > Files > Browse Frs Package - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://gforge.planets-project.eu/gf/project/if_sp/frs/?action=index
FORGE
Log in | Register new account
HOME
MY STUFF
USERS
PROJECTS: IF_SP
SNIPPETS
SUMMARY
REPORTING
SEARCH
FORUMS
TRACKER
DOCS
NEWS
FILES
LISTS
SVN
BUILD
Home > Projects > PLANETS Interoperability Framework > Files
Package Name | Latest Release | Maturity | Files | FileSize | Downloads
PLANETS_IF_0.1 | PLANETS_IF_0.1 | 4 - Beta | Planets_IF_0.1_Documentation.doc | 4.52 Mb | 212
4 - Beta | PlanetsInstaller.exe | 133.84 Mb | 87
4 - Beta | PlanetsInstaller.jar | 133.82 Mb | 115
PLANETS_IF_R2 | PlanetsIFRelease2 | 4 - Beta | IF_InstallationGuide_rel_2.0.doc | 483 Kb | 226
4 - Beta | Planets_IF_R2.0_Installer.exe | 163.84 Mb | 81
4 - Beta | Planets_IF_R2.0_Installer.jar | 163.77 Mb | 117
4 - Beta | Planets_IF_R2.0_javadoc.zip | 2.93 Mb | 44
PLANETS_IF_R3 | PIanetsIFRelease3 | 3 - Alpha | IF_InstallationGuide_rel_3.0.doc | 487.5 Kb | 94
3 - Alpha | Planets_IF_R3.0_Installer.jar | 231.79 Mb | 116
3 - Alpha | PLANETS_IF_R3.0_javadoc.zip | 226.71 Kb | 7
PLANETS_IF_R3.1 | PIanetsIFRelease3.1 | 4 - Beta | PlanetsInstaller_20090330.jar | 172.6 Mb | 13
PLANETS_IF_R4 | PlanetsIFRelease4 | 4 - Beta | IF_InstallationGuide_rel_4.0.doc | 467 Kb | 1
4 - Beta | Planets_IF_Installer_rel4.0.jar | 214.07 Mb | 4
FORGE
Advanced Server
Done


IzPack - Installation of PLANETS Software Bundle
Welcome
Step 1 of 9
planets
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/)
Next
Quit

planets

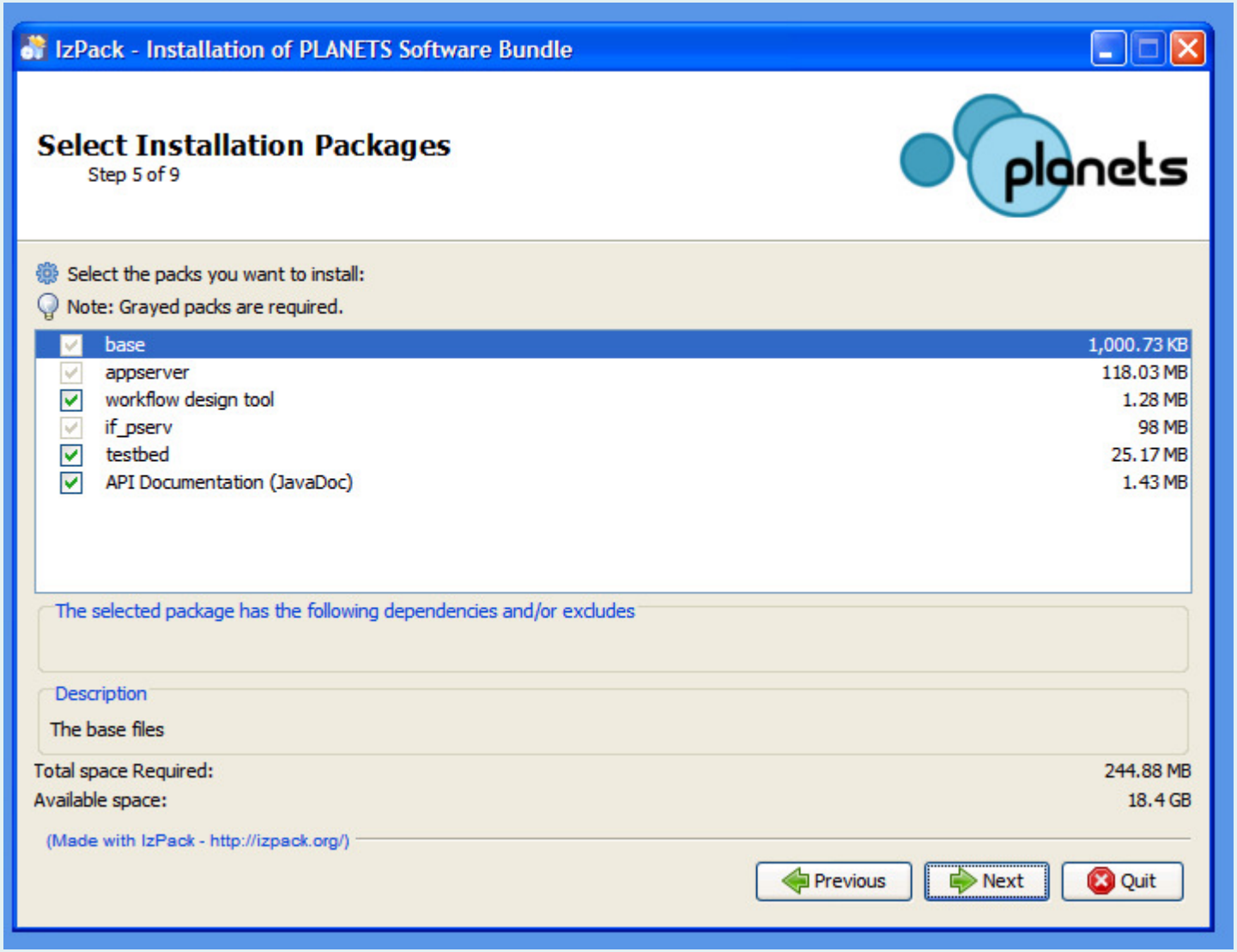

IzPack - Installation of PLANETS Software Bundle
Target Path
Step 4 of 9
planets
Select the installation path:
C:\Program Files\PLANETS Software Bundle
Browse...
(Made with IzPack - http://izpack.org/)
Previous
Next
Quit

INSTALLATION OPTIONS



Platform-Independent

- ✓ Windows
- ✓ Linux

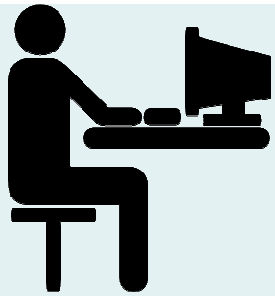

IzPack - Installation of PLANETS Software Bundle
Select Installation Packages
Step 5 of 9
planets
Select the packs you want to install:
Note: Grayed packs are required.
base 1,000.73 KB
appserver 118.03 MB
workflow design tool 1.28 MB
if_pserv 98 MB
testbed 25.17 MB
API Documentation (JavaDoc) 1.43 MB
The selected package has the following dependencies and/or excludes
Description
The base files
Total space Required: 244.88 MB
Available space: 18.4 GB
(Made with IzPack - http://izpack.org/)
Previous
Next
Quit

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)



WORKFLOW EXECUTION CLIENT

Design / Execute Preservation Workflows

PLATO

TESTBED

Contain specific workflows

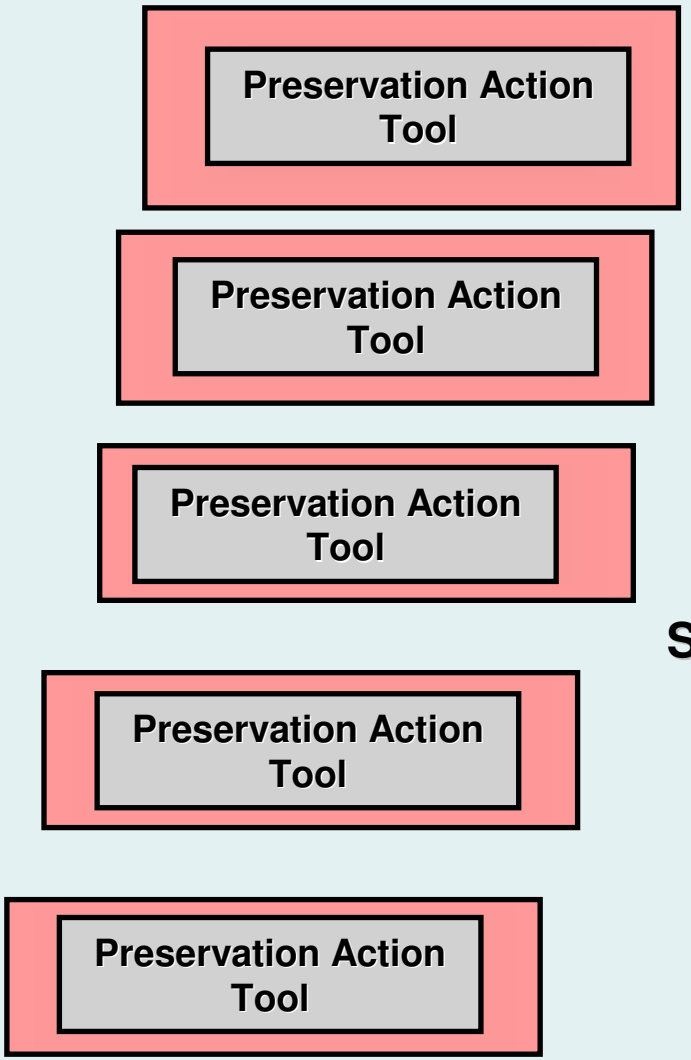
WORKFLOW EXECUTION ENGINE

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

Bundled:
Pure Java
+ Open License

Separately installable:
Non-Java
and/or
Restricted License

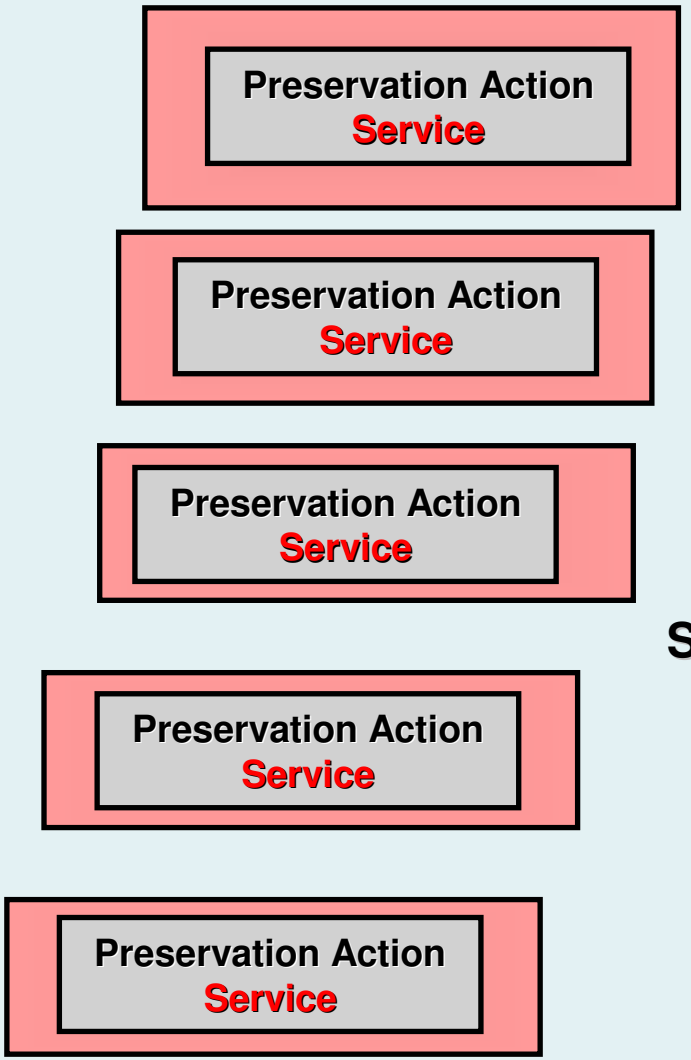
Planets Wrapper
(Java)
Configured for tool e.g. paths



Bundled:
Pure Java
+ Open License

Separately installable:
Non-Java
and/or
Restricted License

Planets Wrapper
(Java)
Configured for tool e.g. paths



Bundled:
Pure Java
+ Open License

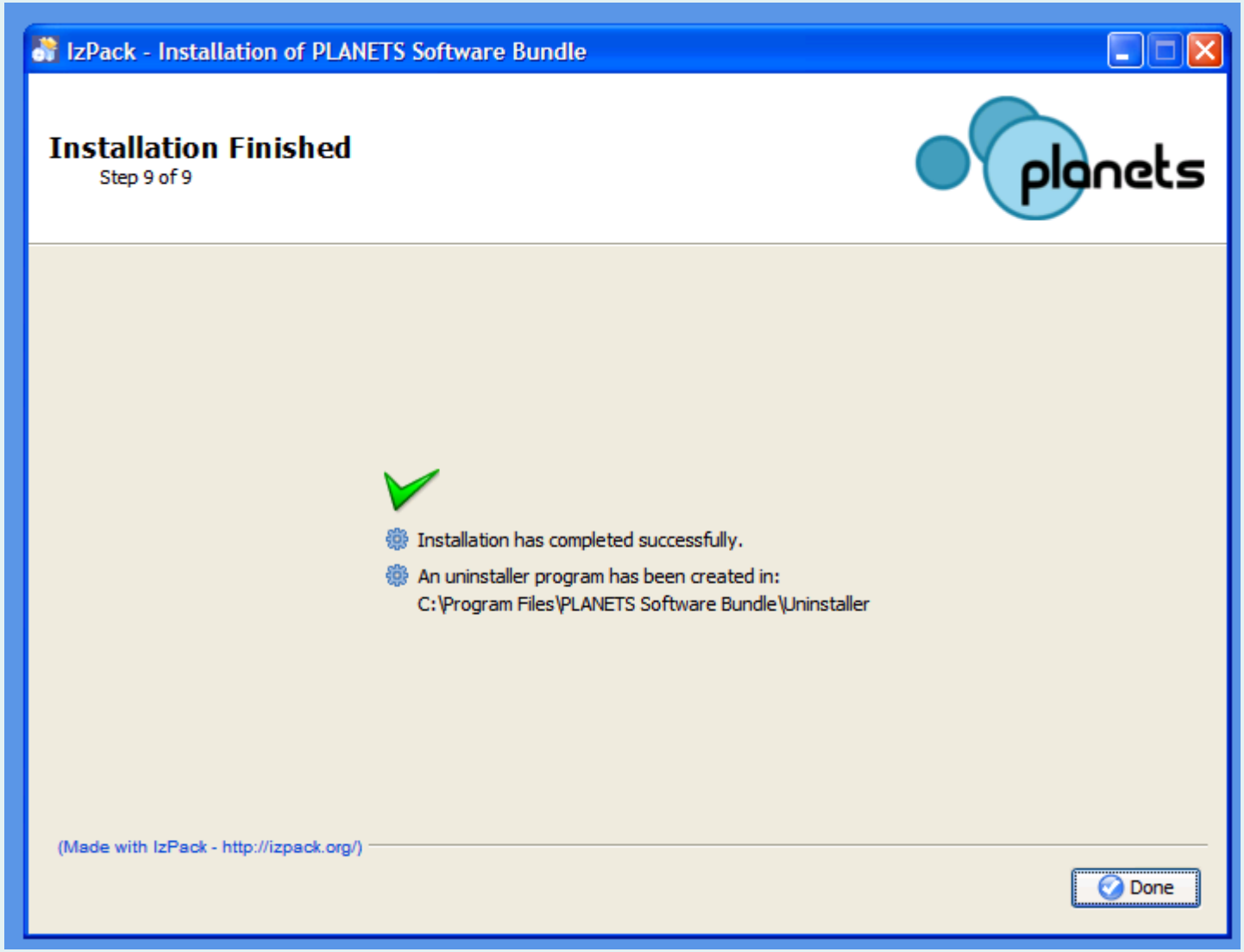
Separately installable:
Non-Java
and/or
Restricted License

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)

planets


IzPack - Installation of PLANETS Software Bundle
Installation Finished
Step 9 of 9
planets
Installation has completed successfully.
An uninstaller program has been created in:
C:\Program Files\PLANETS Software Bundle\Uninstaller
(Made with IzPack - http://izpack.org/)
Done

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

Login - Planets - Mozilla Firefox
File Edit View History Bookmarks Tools Help
https://localhost:8443/josso/signon/login.do?josso_back_to=http://localhost:8080/admin/josso_security_check&jos
Google
PLANETS SINGLE SIGN ON SERVICE
Enter your Planets ID and password below; then click on the Login button to continue.
Username: admin
Password:
Login
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.
Copyright © The Planets Consortium.
planets
Done
localhost:8443

BUT.....