

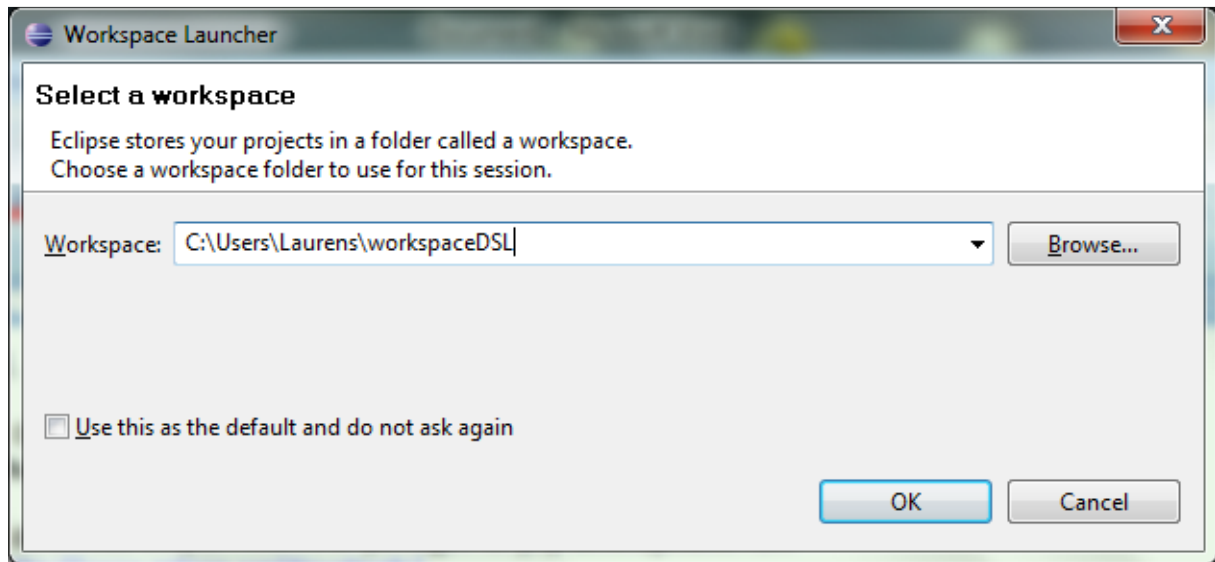
# Installing Eclipse for DeepskyLog development

## 1. Pre-installation

- Download and **install Java 6** from <http://java.sun.com/javase/downloads/index.jsp> (Select **Java Runtime Environment (JRE) 6 Update xx**)
- **Download eclipse** inclusive all **packages for php development** from <http://www.eclipse.org/downloads/>
- Unzip the file and start eclipse

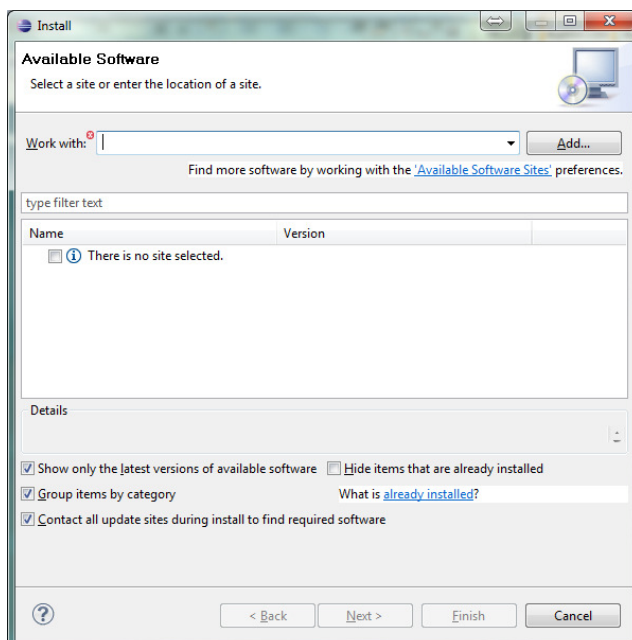
## 2. Installation

- Choose a new directory for the workspace, and confirm your choice



- You should now see the eclipse welcome screen

### 2.1. Installation of bugzilla connector

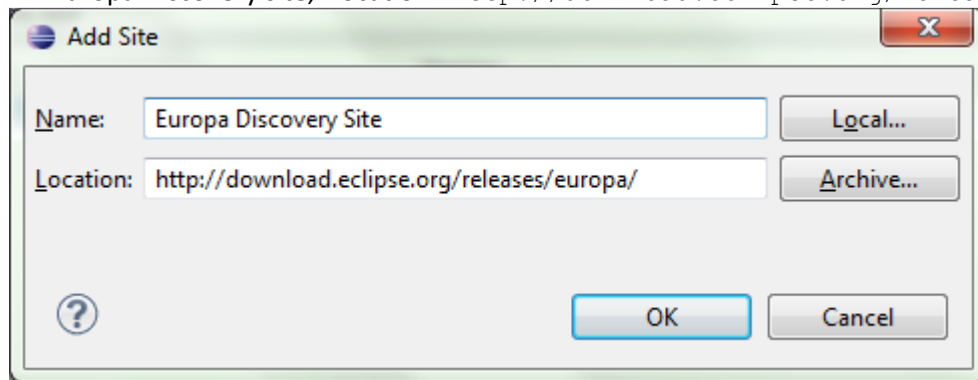


- In the menubar, navigate to 'Help' => 'Install new software'

- Click the 'Add' button in the upper right corner of the window

- Add the following site, and click the OK button:

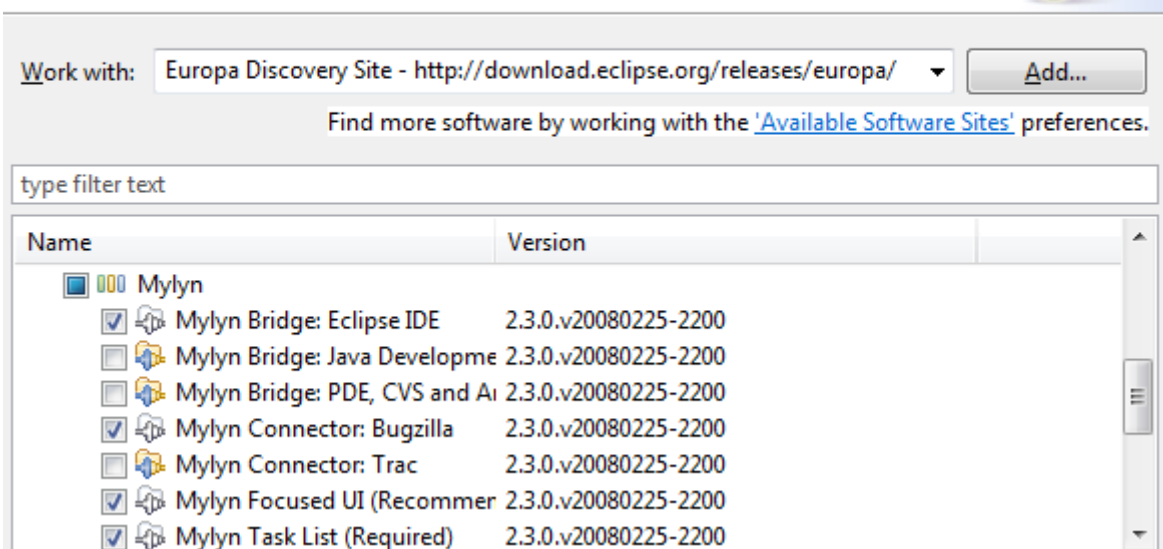
Europa Discovery site, Location: <http://download.eclipse.org/releases/europa/>



- Wait for eclipse to look up the available software packages
- Next, select 'Mylyn Bridge: Eclipse IDE', 'Mylyn Connector: Bugzilla', 'Mylyn Focused UI' and 'Mylyn Task List'

## Available Software

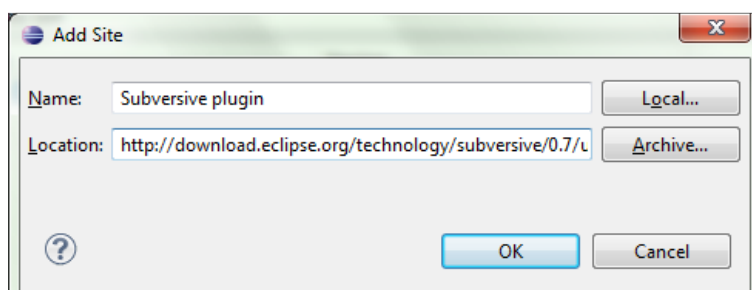
Check the items that you wish to install.



- Now click the Next button and complete the installation

## 2.2. Installation of subversive client

- In the menubar, navigate to 'Help' => 'Install new software'
- Click the 'Add' button in the upper right corner of the window



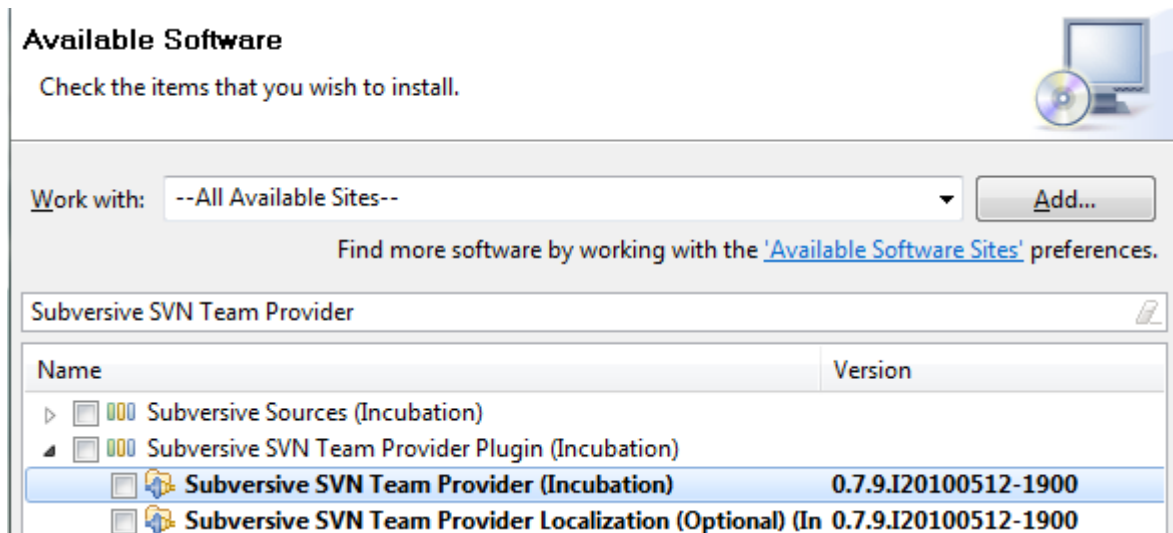
- Add the following two sites using this method:

- Name: Subversive plugin  
URL: <http://download.eclipse.org/technology/subversive/0.7/update-site/>
- Name: Subversive connectors  
URL: <http://www.polarion.org/projects/subversive/download/eclipse/2.0/update-site/>

- From these two different sites, now install:

- 1) Subversive SVN Team Provider (Incubation) 0.7.3
- 2) Subversive SVN Connectors 2.0.3
- 3) Native JavaHL 1.5 Implementation
- 4) JavaHL 1.5.0 Win32 Binaries

➔ You can select to search at “All available sites” on top of the window, and then enter a filter text to find the software you need to install



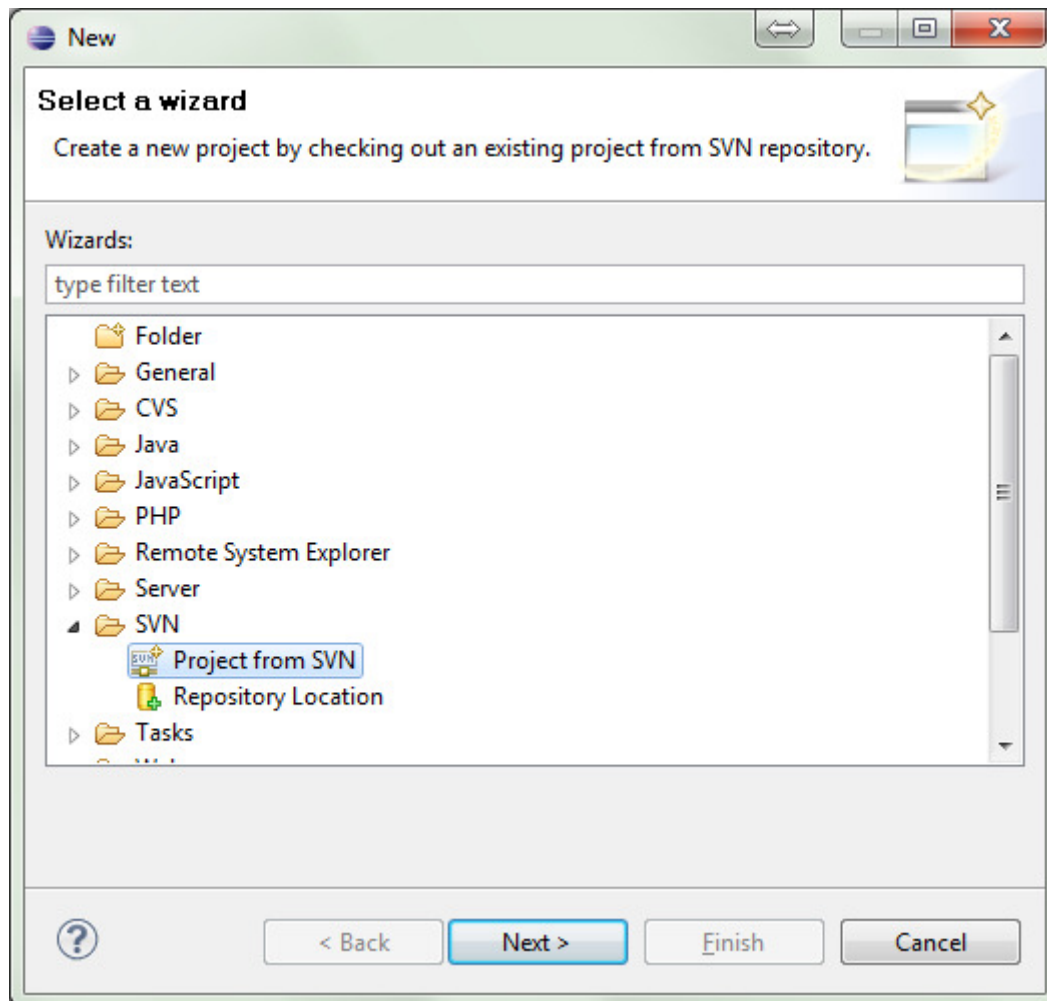
-Tick the checkbox next to the package to install, and click 'Next'. Install the four packages mentioned above using this method.

### 3. Adding the project to the workspace

Now we can add the project to our workspace.

In the menu, choose File => New => Other

In the category “SVN”, choose “Project from SVN”



- Click Next
- The following window will appear:

- Enter the following URL:  
<http://subversion.deepskylog.org/repos/deepskylog/>
- Also enter your subversion username and password

Checkout from SVN

### Enter Repository Location Information

Define the SVN repository location information. You can specify additional settings for proxy and svn+ssh, https connections.

**General** | Advanced | SSH Settings | SSL Settings

URL:

**Label**

☒ Use the repository URL as the label

☐ Use a custom label:

**Authentication**

User:

Password:

☒ Save password (could trigger secure storage login)

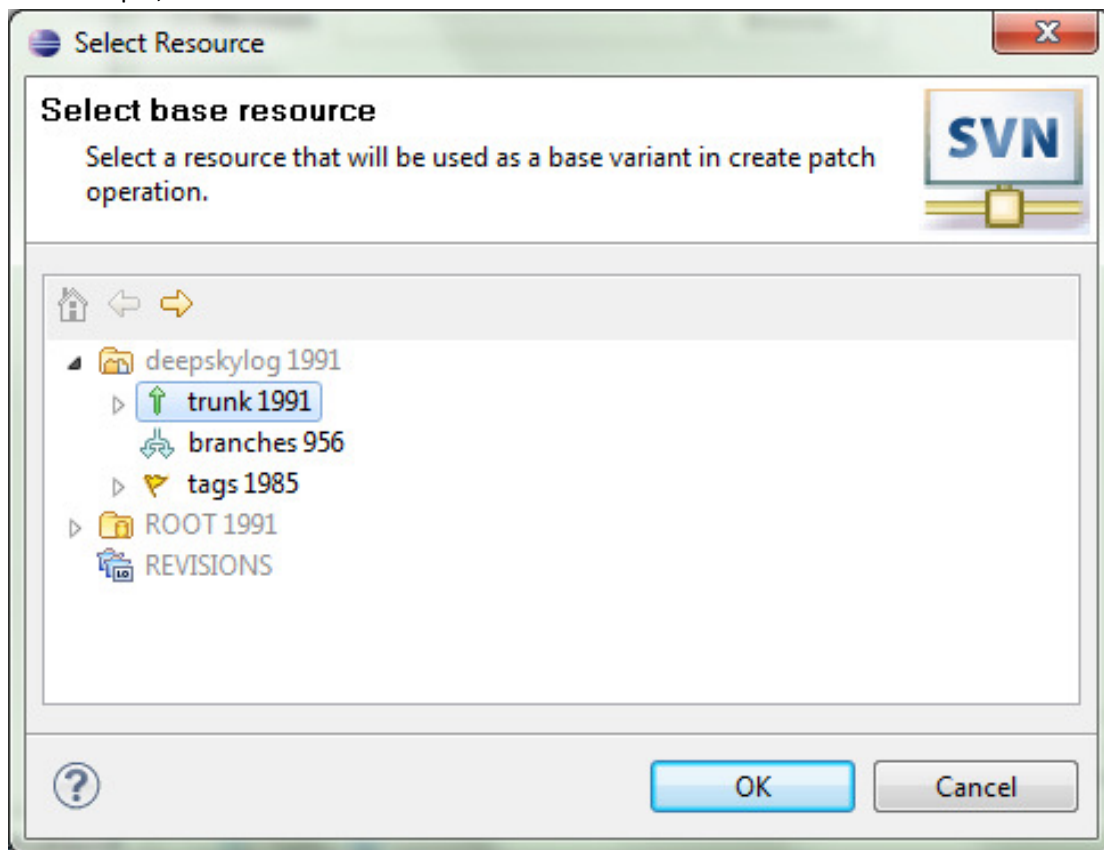
To manage your security data, please see ["Secure Storage"](#)

Show Credentials For:

☒ Validate Repository Location on finish

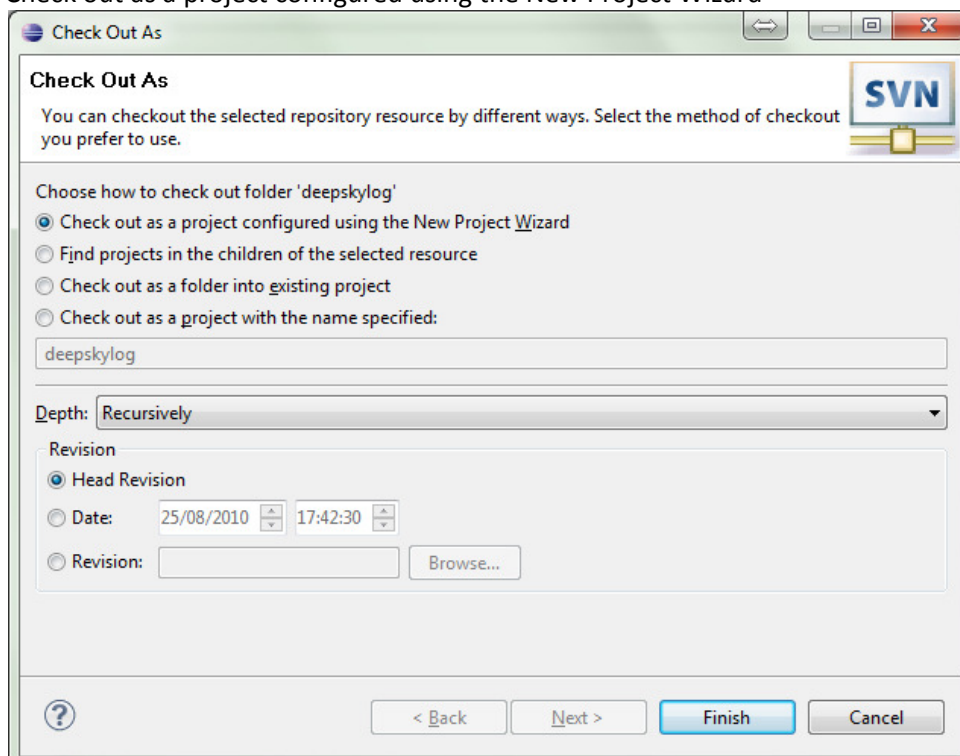
- Now click "Next"
- In the next step, click the **Browse** button

Now select **Trunk** or **Tags** => [version number] depending on which source files you wish to retrieve. In this example, we select **Trunk**.



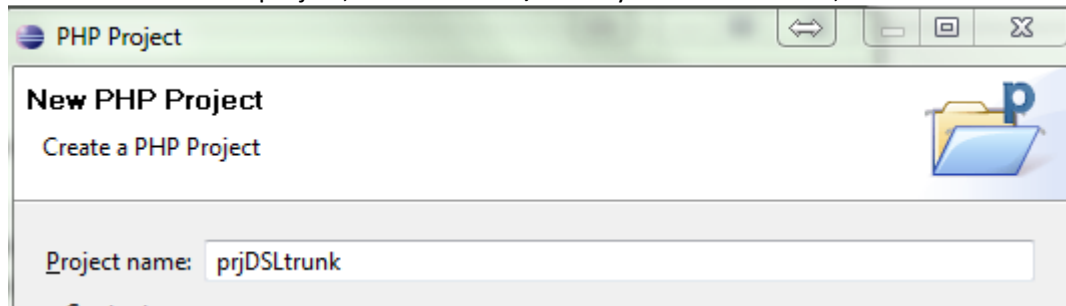
Click the "OK" button and afterwards the "Finish button".

Check out as a project configured using the New Project Wizard

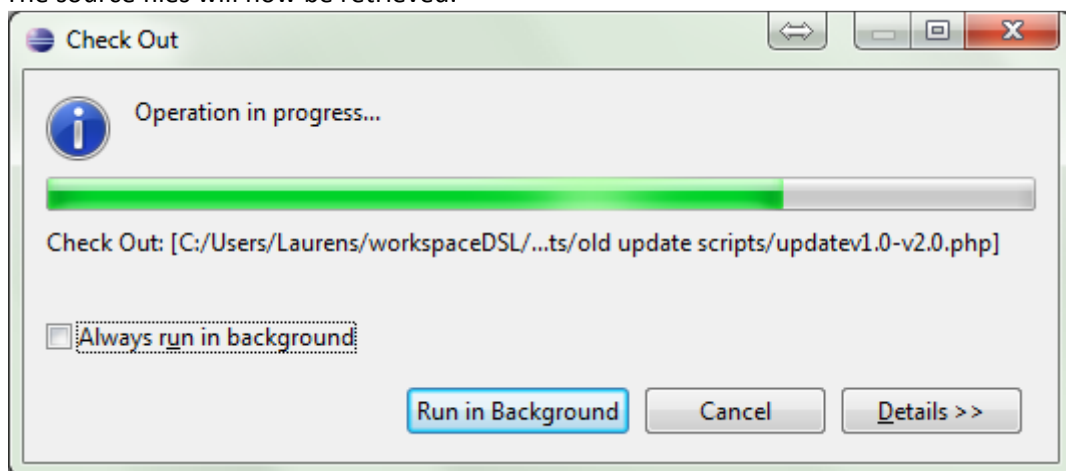


Now click the **Finish** button, and select **PHP => PHP Project**

Enter a name for the project, and click **Next**, select your source folder, and click **Finish**.



The source files will now be retrieved.



### III. Configure Task List (optional)

If you want Eclipse to automatically retrieve the bug list, then follow these Instructions

- In the menu, select Window => Show view => Task list
- In the right panel, the 'Task List' panel will now appear
- Right click a blank part of the panel, and select New => Query
- Click "Add Task Repository"
- Select Bugzilla, click next

**Add Task Repository...**

### Bugzilla Repository Settings

Supports Bugzilla 3.0 - 3.4  
Example: <https://bugs.eclipse.org/bugs> (do not include index.cgi)

Server:

Label:

User ID:

Password:

☐ Disconnected  
☐ Anonymous  
☐ Save Password

► **Additional Settings**  
► **Http Authentication**  
► **Proxy Server Configuration**  
► **Task Editor Settings**

[Create new account](#) [Change account settings](#)

Validate Settings < Back Next > Finish Cancel

Enter the server **<http://www.deepskylog.org/bugs>** and your Bugzilla User ID and Password.

- Click Finish
- Now select the deepskylog repository we just added, and click Next

**New Repository Query**

### Select a repository

Add new repositories using the Task Repositories view.  
If a repository is missing it does not support the requested operation.

Eclipse.org  
 <http://www.deepskylog.org/bugs>

Add Task Repository... Install More Connectors...

< Back Next > Finish Cancel



- Select to create the query using a form

**Edit Repository Query**

If attributes are blank or stale press the Update button.

**Query Title:** qryAllBugs

**Summary:** Select all bugs **all words**

**Comment:** **all words**

**Email:** ☐ owner ☐ reporter ☐ cc ☐ commenter **substring**

**Email 2:** ☐ owner ☐ reporter ☐ cc ☐ commenter **substring**

**Keywords:** all **Select...**

**Product:** DeepskyLog **Component:** Comets module  
Common  
Deepsky database  
Deepsky module

**Version:** 3.8  
3.9  
All  
trunk

**Milestone:**

**Status:** UNCONFIRM  
NEW  
ASSIGNED  
REOPENED

**Resolution:** FIXED  
INVALID  
WONTFIX  
DUPLICATE

**Priority:** P1  
P2  
P3  
P4

**Severity:** blocker  
critical  
major  
normal

**Hardware:** All  
Linux  
Macintosh  
Other

**Operating System:** All  
Windows  
Mac OS  
Linux

**Changed in:**  days. **Update Attributes from Repository**

**Buttons:** ? < Back Next > Finish Cancel

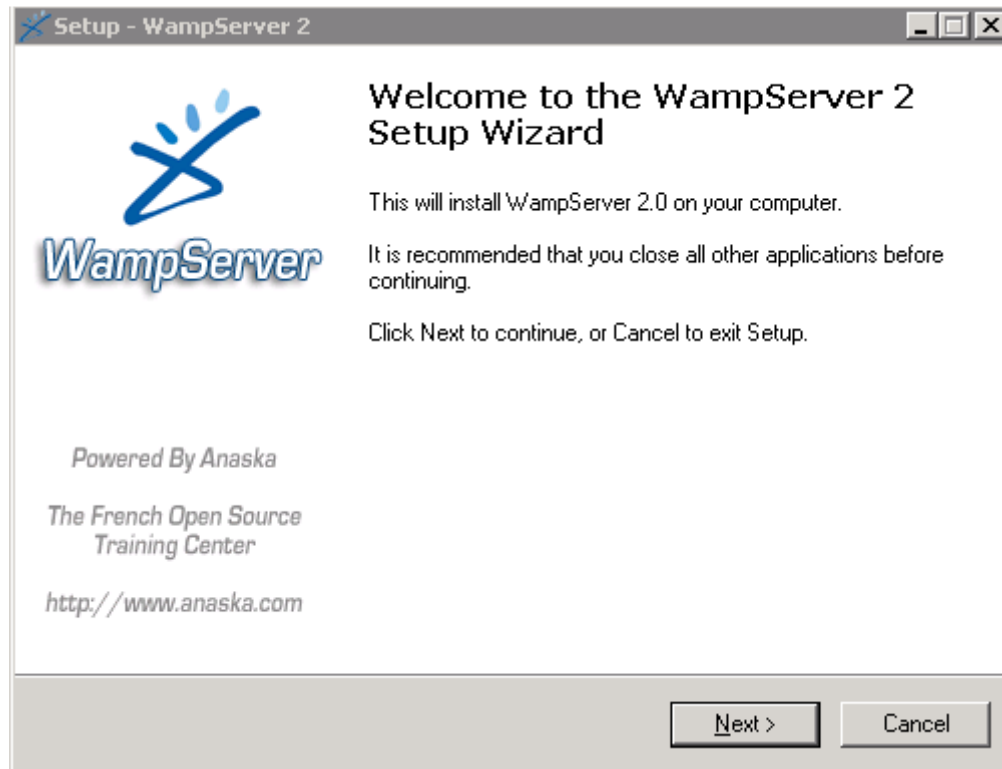
- Enter the selection criteria you need, and click "Finish". Do not forget to enter a name for your query
- Now the tasks will appear in the task list (most right part of the window). It may be necessary to double click the query name in order to see all tasks. Double clicking the task will open up a form you can edit. After saving, the bugzilla entry will be adapted.

#### IV. Testing your changes under Windows

In order to be able to test your changes, you need a local testing server.

In this example, we will use WampServer 2 which allows quick configuration of Apache, MySQL and PHP.

Download the software from <http://www.wampserver.com/>



Complete this installation wizard. At the end of the wizard, tick the checkbox to start WampServer now.

- Verify that your installation is working at <http://127.0.0.1/>. You should see a page with the WampServer logo.

- In Eclipse, in the PHP Explorer window: right click the project name, and choose "properties". You will see the location where the project is stored. Copy it to the clipboard

#### Resource

Path: /prjDSLtrunk

Type: Project

Location: C:\Users\Laurens\workspaceDSL\prjDSLtrunk

- Now we need to modify Apache's configuration so that this folder is used as the default www folder.

In your system tray, click the Wamp icon , and choose to "Stop all services"

- Now open the file \wamp\bin\apache\Apache2.2.11\conf\httpd.conf

- Around line 205, you will see a line with the following contents:

<Directory "c:/wamp/www/">

- Change the directory between the quotes to the directory you copied to the clipboard. Note that the backslashes should be changed to forward slashes

- Do the same for DocumentRoot around line 178.

- Save and close the file. Now click the Wamp icon in the system tray again, and choose to "Start all services".

- Now you need to import the SQL dumps in the sql folder. You can either do this using the mysql prompt or in phpMyAdmin.

Go to <http://127.0.0.1/phpmyadmin/> and create a database called "deepskylog"

Open a command prompt

Using the CD command, navigate to \wamp\bin\mysql\mysql5.1.36\bin\

Now use the following command to import the database dumps:

- `mysql -u username -p password database_name < dump.sql`

- Replace "dump.sql" by the path to the SQL file.

- You need to adapt the database credentials at /lib/setup/databaseInfo.php.dist

- Also set \$instDir and \$baseURL to their correct values. Remember to use forward slashes

- Remove the .dist file extension by renaming the file.

You should now have a working version of deepskylog at <http://127.0.0.1/>.

If you wish to use your testing servers for other purposes, too, you can setup symlinks in httpd.conf, which is not covered in this document.