[ASPIRE RFID Developers](#)
Developers

Instructions for new developers

If you are a new [developer](#) of the Aspire project, check this to do list:

- check that your username is in [http://forge.ow2.org/plugins/scmsvn/index.php?group_id=324](#)
- log in on the forge [http://forge.ow2.org/projects/aspire/](#)
- edit your SSH (public) key (if not already done) in [http://forge.ow2.org/account/editsshkeys.php](#) . You can generate your private and public keys with [Putty](#).
- checkout the SVN root via SSH with your username [http://forge.ow2.org/plugins/scmsvn/index.php?group_id=324](#)
- create your sandbox (./sandbox/*yourusername*) in the sandbox directory ([./sandbox](#)).
- commit a file (a readme or a whoami for instance) in your sandbox (./sandbox/*yourusername*).
- log in on the wiki [http://wiki.aspire.ow2.org/](#)
- edit some lines in the [wiki sandbox](#), save the result and [rollback to the previous version](#).
- subcribe to project's [mailing lists](#)
    - [aspirerfid-subscribe@ow2.org](#)
    - [aspirerfid-dev-subscribe@ow2.org](#)
    - [aspirerfid-commits-subscribe@ow2.org](#)
- read the [coding guidelines](#) used in Aspire.
- add your name in the [contributors list](#).
- add a description of your organization if your organization is contractually involved in the Aspire project.
- if you are registered on [ohloh.net](#), you can join the [Aspire RFID contributors list](#) and add a [widget](#) in your personal homepage.
- if you are registered on linkedin.com, you can join the [Aspire RFID group](#).

Generic Development Requirements

- Eclipse 3.4 and above ([http://www.eclipse.org/downloads/](#)) with
    - RCP/Plug-in Development Environment plug-ins,
    - Web and Java EE Development plug-ins,
    - Subversive plug-in ([http://community.polarion.com/index.php?page=overview&project=subversive](#))
        - Update Site: [http://download.eclipse.org/technology/subversive/0.7/update-site/](#)
    - Subversive SVN Connectors
        - Update Site: [http://www.polarion.org/projects/subversive/download/eclipse/2.0/update-site/](#)
    - Maven Integration for Eclipse plug-ins ([http://m2eclipse.sonatype.org/](#))
        - Update Site: [http://m2eclipse.sonatype.org/sites/m2e](#)
- JDK 1.6 and above
- Tomcat 6.0 (or higher)
- MySQL 5.0 (or higher)
- Apache Maven 2.0.8 or higher ([http://maven.apache.org/](#))
- VisualVM ([https://visualvm.dev.java.net](#))

Downloading the Source Code in Eclipse

- Install the Subversive and the Subversive SVN Connectors plug-ins
- Open the SVN Repository Perspective
- Go to the SVN Repositories Tab and hit the new repository location button.
- For acquiring the hole trunk source code place at the URL of the New Repository Location window that appears the following URL:
    - svn://svn.forge.objectweb.org/svnroot/aspire/ (Anonymous) or

    ° svn+ssh://USER@svn.forge.objectweb.org/svnroot/aspire (Developer SVN Access)

- Open the repository go to the trunk file right click it an hit Check Out
- For working with a specific AspireRFID project hit File -> Import -> General -> Existing Projects into Workspace and select for the root directory the project you want to work with from the Hole trunk you have just checked out.
- Select it from the list, Uncheck the Copy projects into workspace
- Hit finish and you are ready to work :)

Debugging and Running the Source Code in Eclipse

In general, every component comes with specific instructions. e.g. a good starting point for the AspireRFID IDE is the Aspire IDE Core, which is the host of the Aspire tools.

General

- Developer tools documentation
- Forge
- Bug tracker
- Browse sources
- Coding guidelines
- AspireRFID @ ohloh.net

Documents

Developers CodeCamp1

Facts

Lines of code analysis

ASPIRE RFID Developers (en)
Creator: xwiki:XWiki.donsez Date: 2008/07/23 20:30
Last Author: xwiki:XWiki.nkef Date: 2010/07/29 11:10
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