LR-Spec Editor Plug-in
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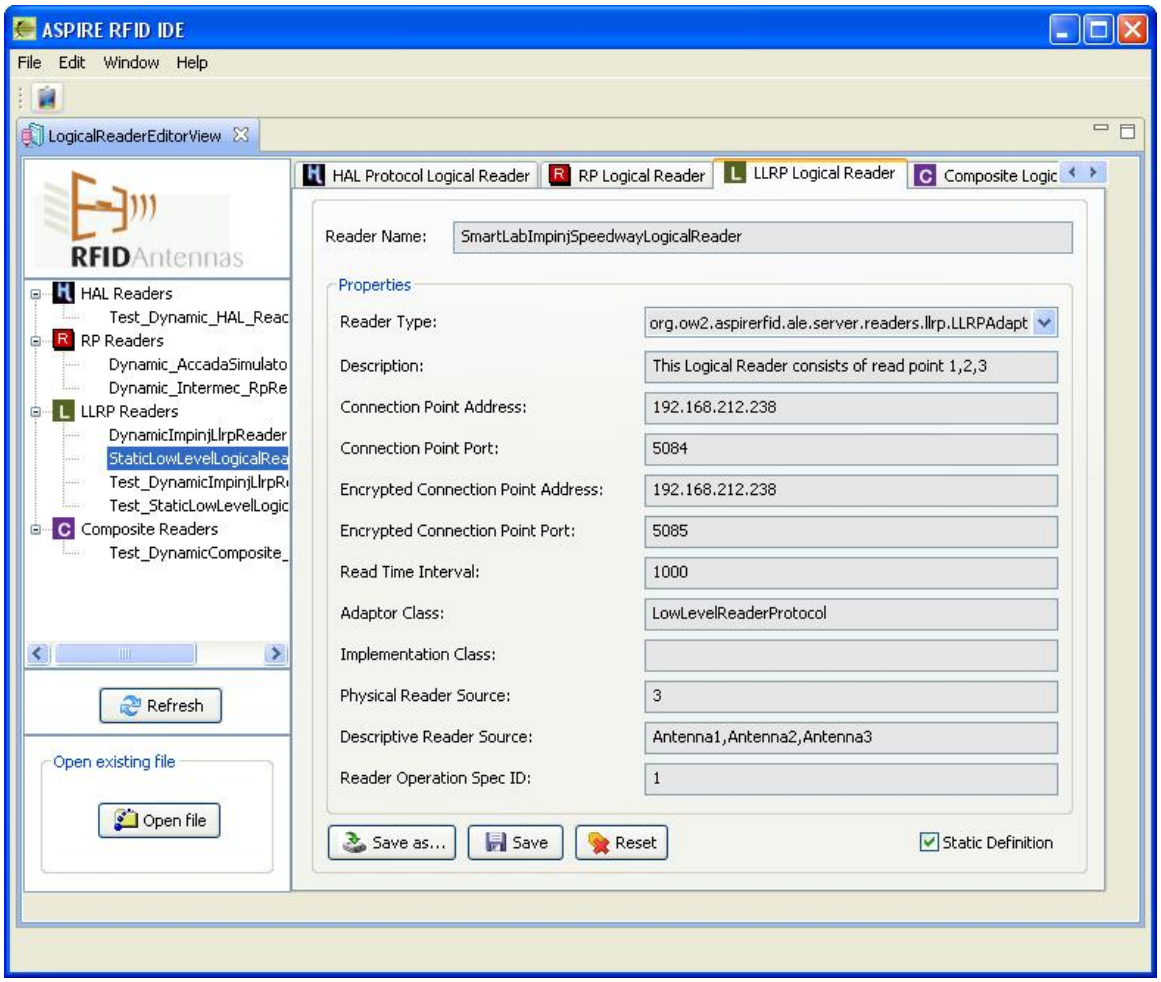
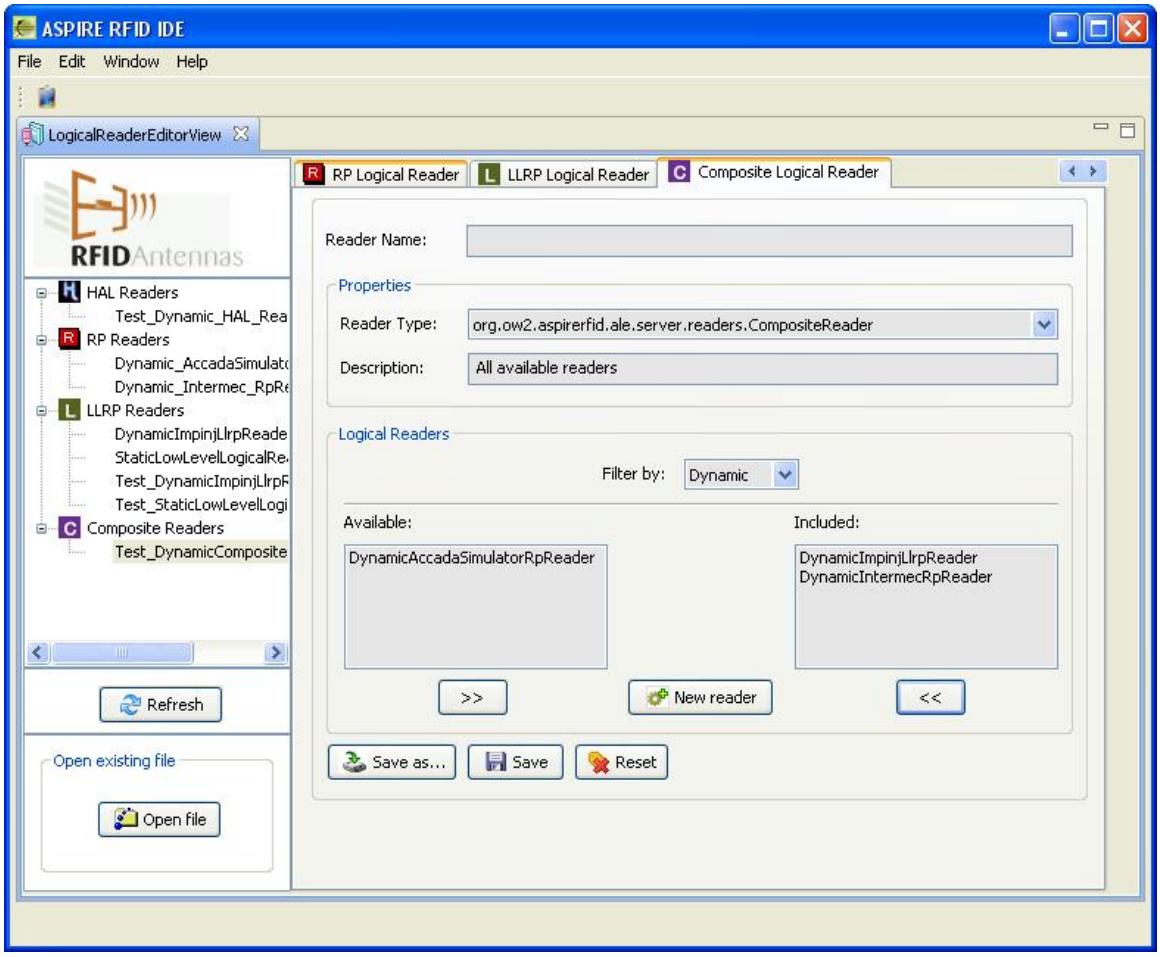
Introduction

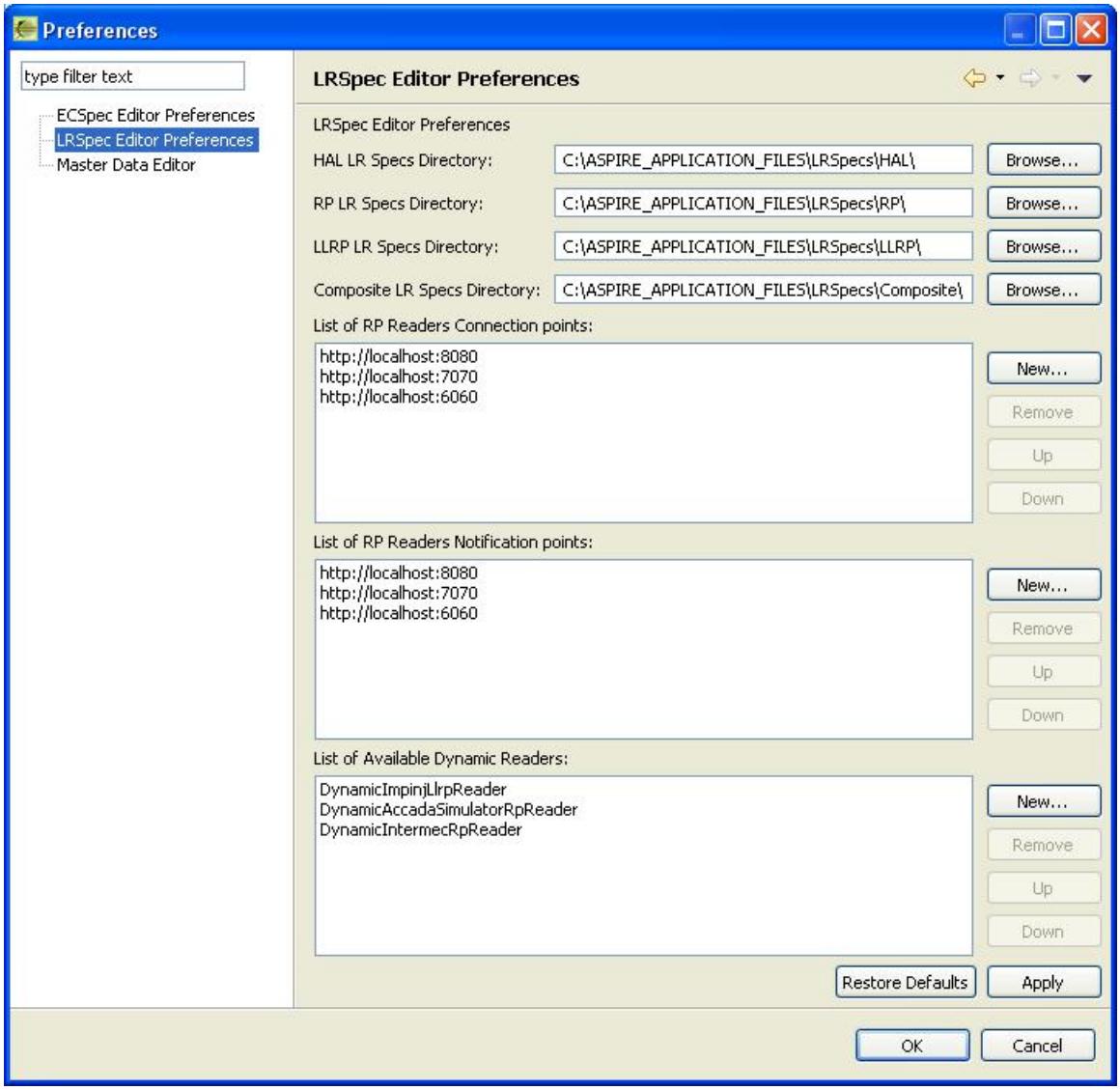
The objective of this tool is to provide an interface to edit LRSpec files.





Users Guide

Download & Run You can download the aspireRfidIDE RCP application with the aspireRfidIde-LRSpecEditor plug-in from the AspireRFID forge named "AspireRfidIdeEditors" under "AspireRFID AITdev" package. Just decompress it and hit the "aspireRfidIDE" executable. Also you can download from the same link the "ASPIRE_APPLICATION_FILES". Decompress and place its content at your home directory "user.home\AspireRFID\IDE\..." (e.g. "C:\Documents and Settings\nkef\AspireRFID\IDE\"). Configuration The LRSpec Editor is configured through the IDE's preferences window (Window>Preferences) by choosing the "LRSpec Editor Preferences" from the list appearing at the left see the picture below.



From there you can configure the:

- **EC Specs Directory**: The directory where ECSpecs will be stored which will be used to configure the server's filtering function.
- **HAL LR Specs Directory**: The directory where static and dynamic LRSpecs for HAL readers will be stored.
- **RP LR Specs Directory**: The directory where static and dynamic LRSpecs for RP readers will be stored.
- **LLRP LR Specs Directory**: The directory where static and dynamic LRSpecs for LLRP readers will be stored.
- **List of RP Readers Connection points**: Connection points of RP readers in use. This makes the editing of the specifications faster by making them available to the user to choose from a list at the LRSpec Editor.
- **List of RP Readers Notification Points**: Notifications points of RP readers in use. This makes the editing of the specifications faster by making them available to the user to choose from a list at the LRSpec Editor.
- **List of Available Dynamic Readers**: Dynamic readers in use. This makes the editing of the specifications faster by making them available to the user to choose from a list at the LRSpec Editor.

Developers Guide

LRSpec Editor plug-in is an "AspireRfidIDE" product plug-in that is running within its environment. So for using this plug-in you should first download the " AspireRfidIDECore". Requirements

Hardware (minimum)

- P IV 1.2GHz or equivalent
- 512 MB Ram
- 50 MB free HD space

Software

- Java 1.6
- Eclipse 3.4 and above (with RCP/Plug-in Development Environment plug-ins and Subversive plug-in)

Acquiring the code The "Master Data Editor Plug-in" source code is available for checkout at the AspireRFID forge SVN. Check it out by:

- hitting the create new repository location button at the SVN Repositories view of the Eclipse's subversion plug-in and by using the following URL at the window that appears:

svn://svn.forge.objectweb.org/svnroot/aspire/trunk/AspireRfidIDE/AspireRfidIdePlug-ins/aspireRfidIde-LRSpecEditor/

- right click the repository that have been just created and hit the check out button
- check the aspireRfidIde-beg project on the list and hit ok

Running the Project

For running AspireRfidIDE with the aspireRfidIde-LRSpecEditor Plug-in:

- Create an aspireRfidIDE project (unless you already have created one)
- Go to the aspireRfidIde project Run Configurations (Run -> Run Configurations…) and at the list choose Eclipse Application -> aspireRfidIde.product
- At the Main tab of the "aspireRfidIde.product" set Run a product: aspireRfidIde.product
- At the Plug-ins tab of the "aspireRfidIde.product" hit deselect all button and then choose the "aspireRfidIde" and "org.ow2.aspirerfid.ide.LRspec" and then hit the Add required Plug-ins button.
- Hit apply
- Now you are ready to run the application.

LR-Spec Editor Plug-in (en)
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