Tool Installation and Setup Instructions

AADL Architecture Models

Contents

[Installing and Working with Git 1](#_Toc482709917)

[Checkout the Architecture Branch of OpenUxAS 1](#_Toc482709918)

[Open the Most Recent Installation and Setup Instructions 2](#_Toc482709919)

[Install OSATE 2](#_Toc482709920)

[Import the UxAS Project 2](#_Toc482709921)

# Installing and Working with Git

If you are new to git, a noteable difference from other version control tools like Subversion is that with git you have both a local repository (that only you can see) and a global repository (that everyone in the group can see).

Here are some references for installing git and working with a git repository:

* Git Installation instructions: <https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>
* Git Cheat Sheet: <https://services.github.com/on-demand/downloads/github-git-cheat-sheet.pdf>
* Git Online Documentation: <https://git-scm.com/doc>

The most commonly used commands are:

* git pull (update your local repository)
* git status (compare the status of your working directory to your local repository)
* git add –A (add all your new files to your local repository)
* git commit –m “[descriptive message]” (commit your changes to your local repository)
* git push (push your changes to the global repository—now others can see your changes when they do a pull)

# Checkout the Architecture Branch of OpenUxAS

If you haven’t already done so, first clone the OpenUxAS repository. (You will need to have git installed.)

$ git clone <https://github.com/afrl-rq/OpenUxAS.git>

Next, change to the OpenUxAS directory.

$ cd OpenUxAS/

Then checkout the architecture branch.

$ git checkout architecture

You should see the following message:

Switched to a new branch 'architecture'

Branch architecture set up to track remote branch architecture from origin.

# Open the Most Recent Installation and Setup Instructions

If you opened this document from an up-to-date architecture branch of the OpenUxAS repository, you already have the latest version of the instructions and can skip this section.

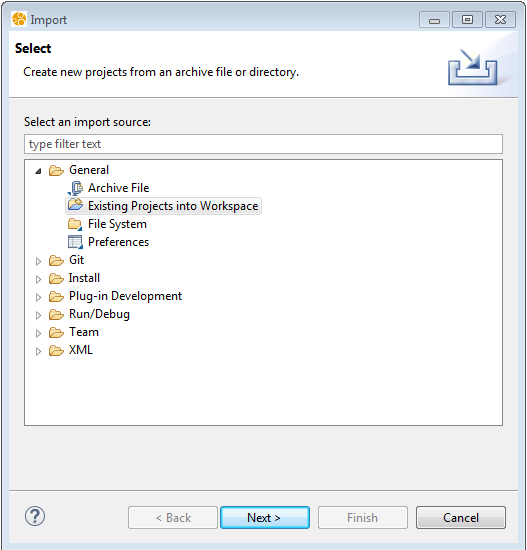
If you received this document through some other means (email, Slack, etc.), you should now open the “Tool\_Installation\_and\_Setup\_Instructions.docx” document in OpenUxAS/AADL\_project/doc to view the latest version of this document.

# Install OSATE

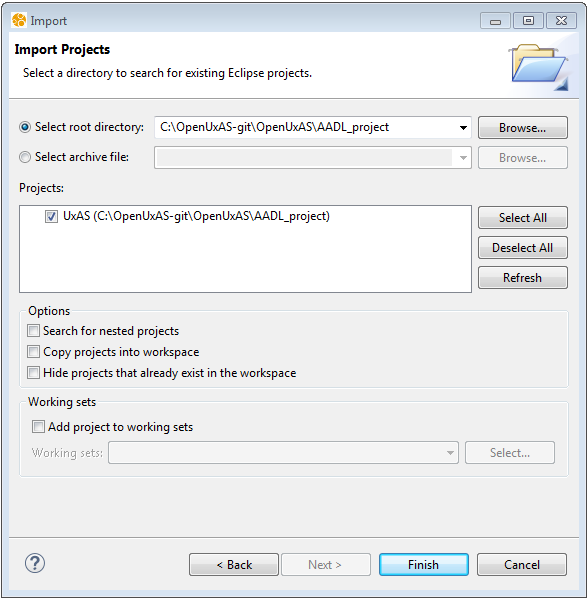
Instructions pending the release of a new version of OSATE.

# Import the UxAS Project

In OSATE, go to File -> Import. Choose “Existing Projects into Workspace.” Click “Next >”.



Browse to the AADL\_Project directory under the OpenUxAS folder on the architecture branch of the OpenUxAS git repository. Select “UxAS” and click “Finish.”



You should now see the UxAS project under the AADL Navigator window on the left-hand-side of OSATE.

