Using the Trace post-association plugin to import RAW IMS data from USB flash drives

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Summary

This document describes how to use the Trace post-associate plugin for importing RAW seismic data into the IMS database.

The process of post-association can be described as follow:

- Install Trace and ensure all software updates have been installed.
- Install the Post-association plugin in Trace.
- Copy all the relevant RAW data to the Processing PC.
- Import RAW data into IMS database using the post-associate plugin.

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1. Installing the Post-Association plugin for Trace[1]

1. ***Tools -> Plugins***
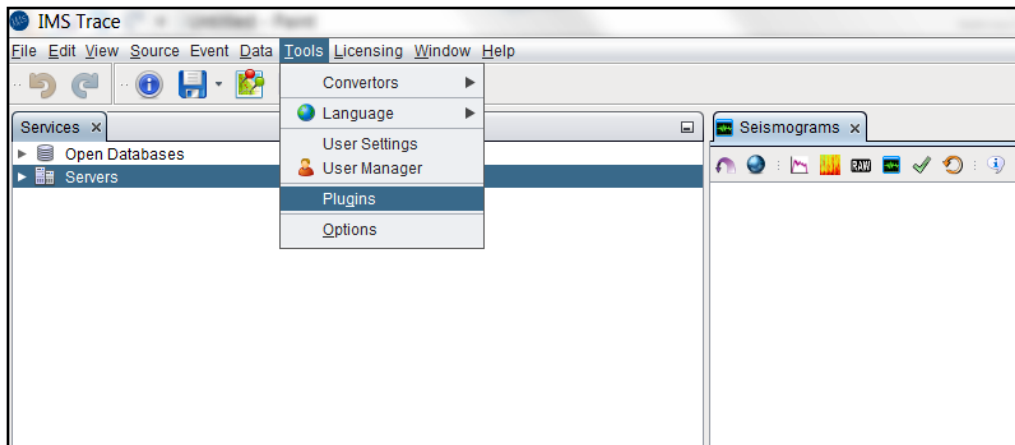
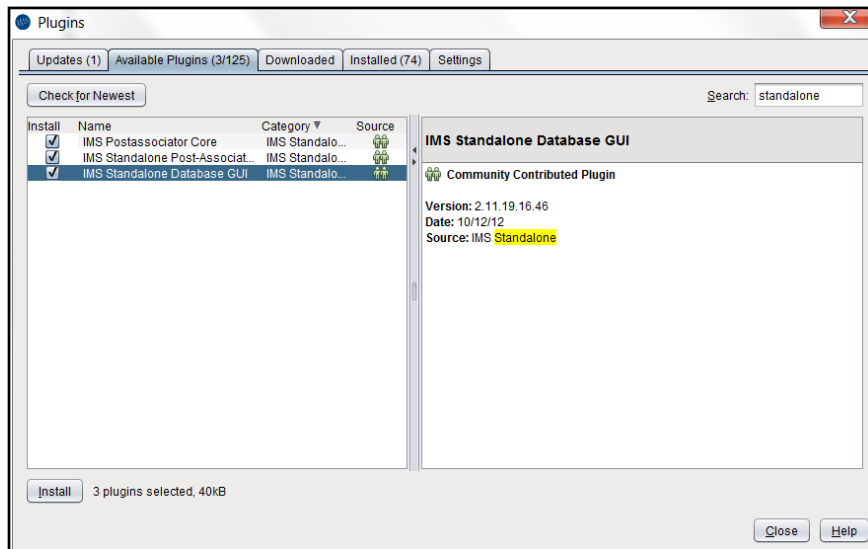
2. Click on the ***Settings*** tab and click on ***Add***:

   Name: IMS Standalone

   URL: http://updates.imseismology.org/standalone/updates.xml

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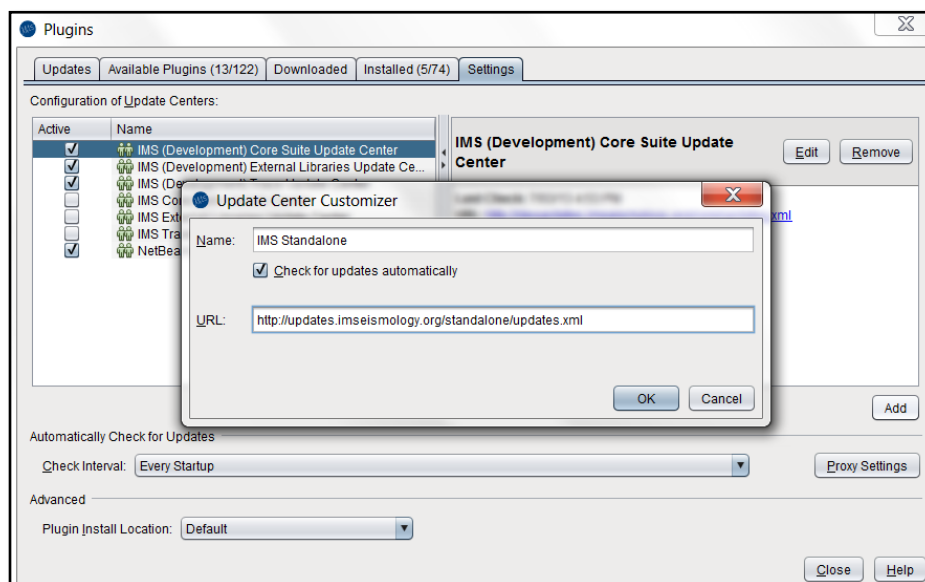
[1] Please ensure that you are running the latest version of Trace and all updates have been installed.

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3. Click on **Available Plugins** tab and Search for *Standalone*. Select all plugins and install.

2. Importing Data for Post-association

1. Copy the recorded data from flash drives to processing machine:

(a) make a directory at a convenient location on the processing machine (the machine running Trace).

(b) copy the **trig** directory (RAW Data on flash drive) from each IMS Station into the directory created in step 1a above; select "Yes to all" if asked to merge files with the same name.
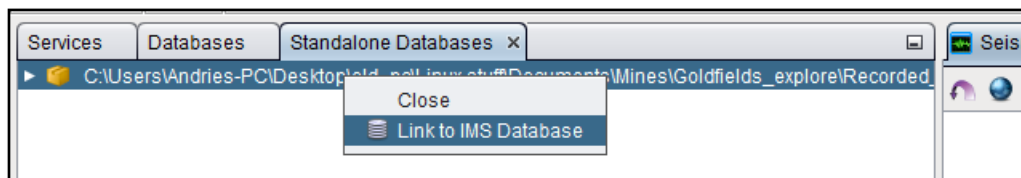
2. Open the Standalone Database Window: **Window -> Standalone Databases**.
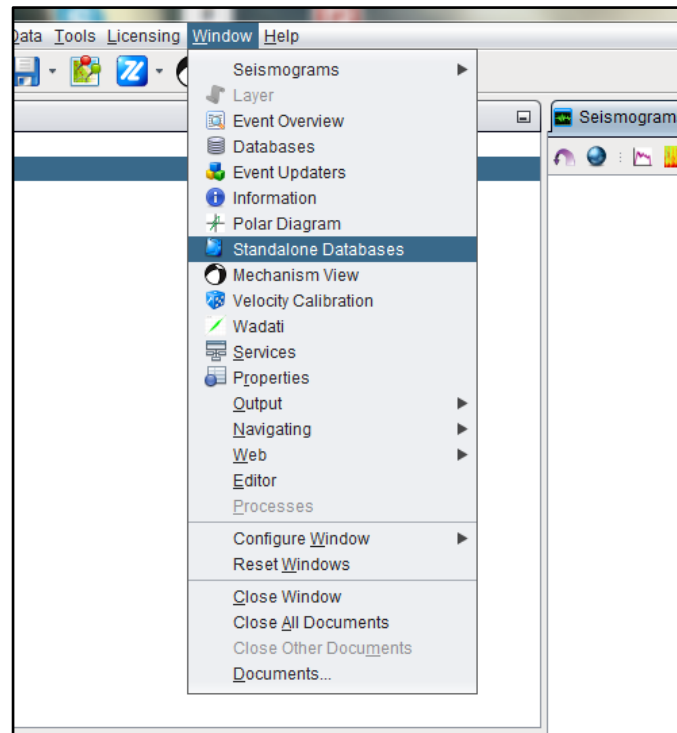
3. Right-Click in Standalone window to select the **trig** folder (RAW data location in step 1).

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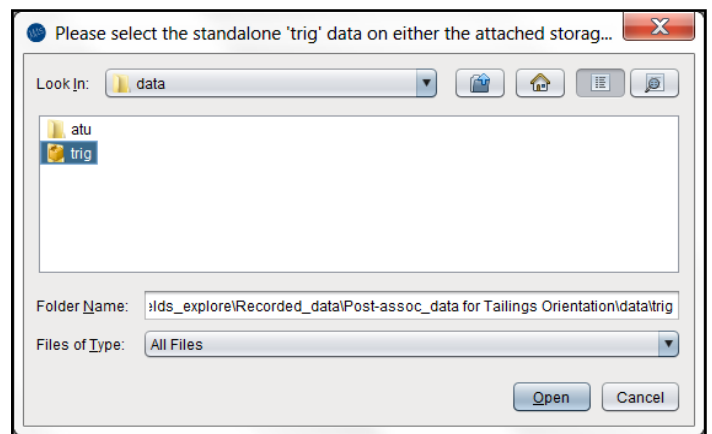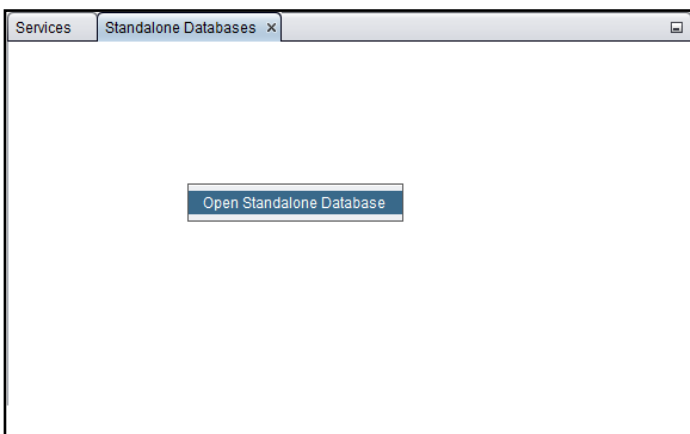
4. Right-Click on the imported files and link to your current IMS database.

5. Expand the imported data tree and right click on the target database. Click **Post-Associate** to start the post-association process.
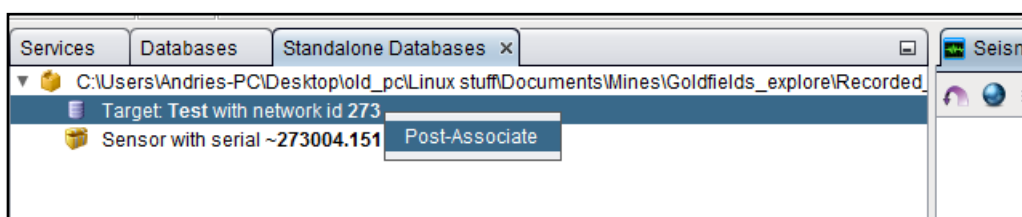
6. Use the Wizard to edit the post-association parameters if necessary (default settings sufficient for post-associating data) . Once completed, click **Finish** to start post-associating data. Post-associated data will now be visible in the linked IMS database. You may need to refresh the database by right-clicking on the database and selecting "Refresh", or closing and re-opening the database.

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