

Archive Compare Tool

How to install, how to use

Introduction and Installation

ArchiveCompare is a tool which can compare the content of two rdt measurement archive files.

It can for example be used to compare the results from two different TasAlyser versions after processing the same wave file.

ArchiveCompare uses the same mechanism as the “Historical Data Client” to extract measured values and curves from the rdt file. The “Historical Data Service” itself is not required for *ArchiveCompare*, but the tool needs a Python runtime environment. It is 64 bit software and therefore also needs the VC_redist.x64 MFC DLL package.

Installation

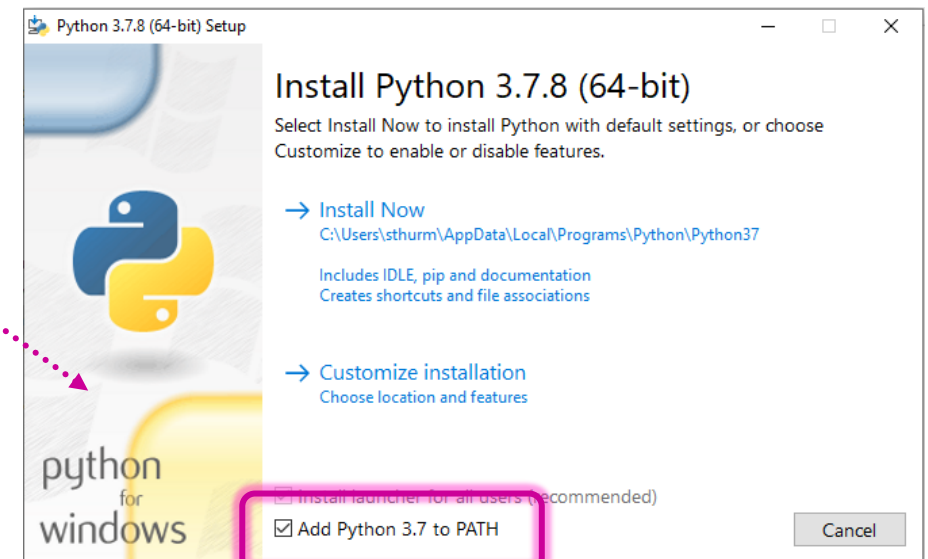
All you need is contained in the ‘ArchiveCompareTool’ folder. (This folder can be placed anywhere on your PC.)

First, install the Python environment by starting `python-...amd64.exe`.

In the installation options, make sure to set the checkmark at “Add Python 3.7 to PATH”.

Double-click on `requirements.py` (if asked: this file shall be opened with Python). This will open a Python console window and download additional packages. (Internet access is required for this; download takes a while.) The window closes automatically when finished.

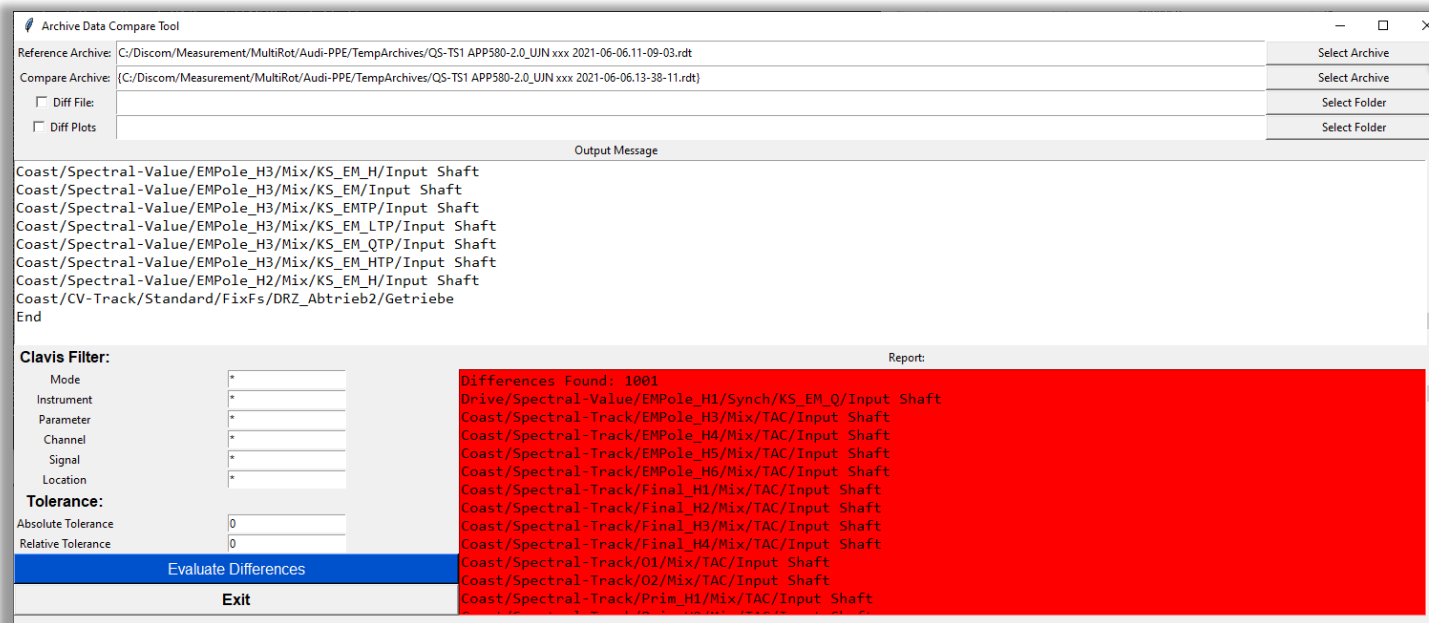
If necessary, also install `VC_redist.x64.exe` on the computer.



Starting the Tool

First, start ArchiveExtractorService.exe from the sub-folder ArchiveExtractorService. A Python console window will open. Leave it open as it is (you can minimize the window). Then start ArchiveCompare_GUI.py from the main folder. This opens another Python console window which then starts the *ArchiveCompare* user interface:

If you use ArchiveCompare regularly, create shortcuts for these two files and place them conveniently.



Basic usage: select two archive files, then press [Evaluate Differences] button in the lower left. Wait until all data has been processed, then check the result messages and log. Try additional options like filters or diff files. Press [Exit] button when you are finished.

When you are finished using the tool, use the [Exit] button in the user interface, wait a moment, then press any button in the remaining Python console window of the ArchiveExtractorService to quit it.