

Convertin DICOMs to NIfTI

1. Make pipeline available

For each project the conversion pipeline must be added. This step is only necessary once and must be performed initially. Select the project as described in step 2 “Upload of presentation files and physiological data records”, figure 1. Select the menu item "Pipelines" and click on "Add More Pipelines".

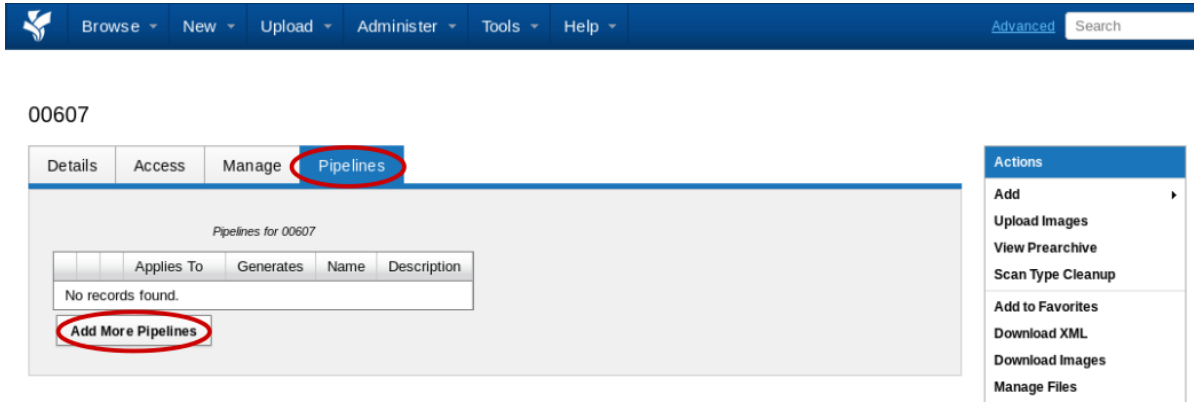


Figure 1: Select “Pipelines” and click on “Add More Pipelines”.

Add the pipeline dicom2nifti.xml by clicking on "Add".

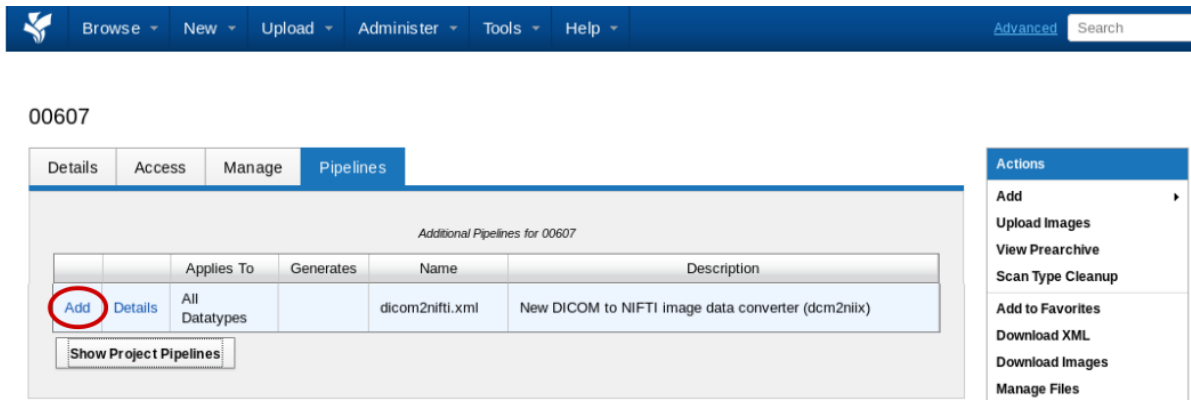


Figure 2: Add NIfTI conversion pipeline.

A configuration step appears. Do not select "Launch pipeline automatically when session is archived". For users of SPM it is better to turn off compression by setting the "compress" option to "n", because SPM does not handle compressed data well. For FSL and AFNI the option "compress" can be left at "y". Click "Submit" to make the pipeline available for the project. This step is only necessary once per pipeline.

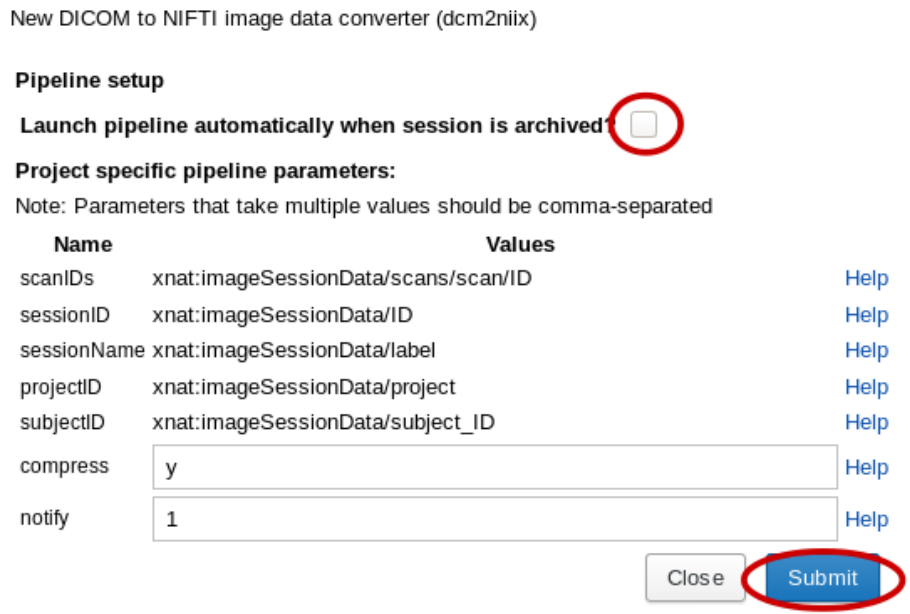


Figure 3: Make the conversion pipeline of the study available.

2. Run Pipeline

Select the MR session of the subject whose DICOMs you want to convert to NIFTI. See Step 2 "Upload of presentation files and physiological data records", Figure 1-3 for instructions. Click on "Build", then select the pipeline dicom2nifti and click "Submit".

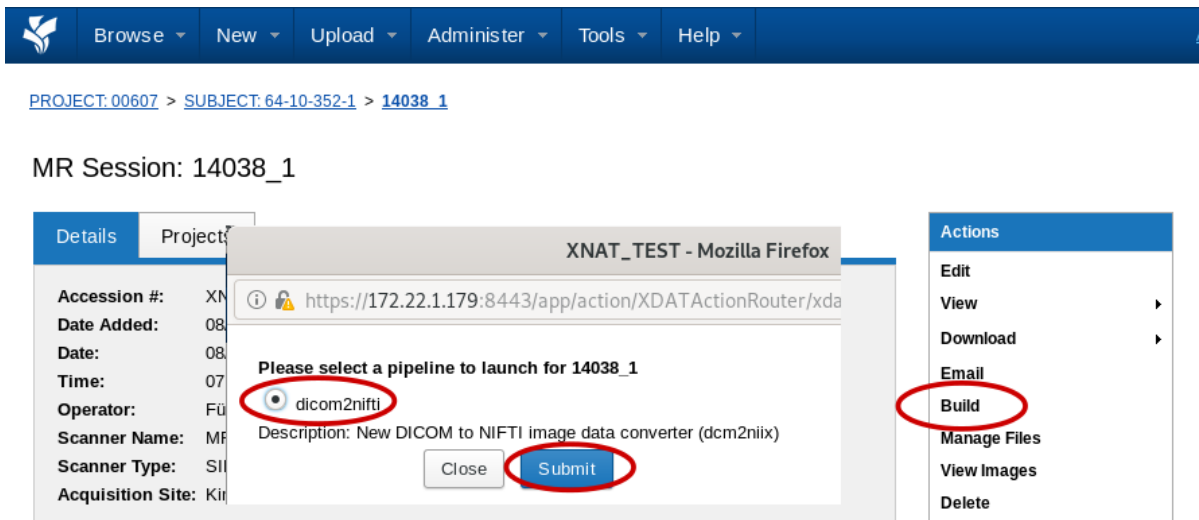


Figure 4: Select NIFTI conversion pipeline.

Select all scans to be converted and click "Submit". ScanIDs is the number of the series. Click "Submit" to start the conversion. The data is saved beneath the folders: "Scans", "Series Description", "NIFTI". Step 4 "Download selected data from XNAT" explains how to download the data.

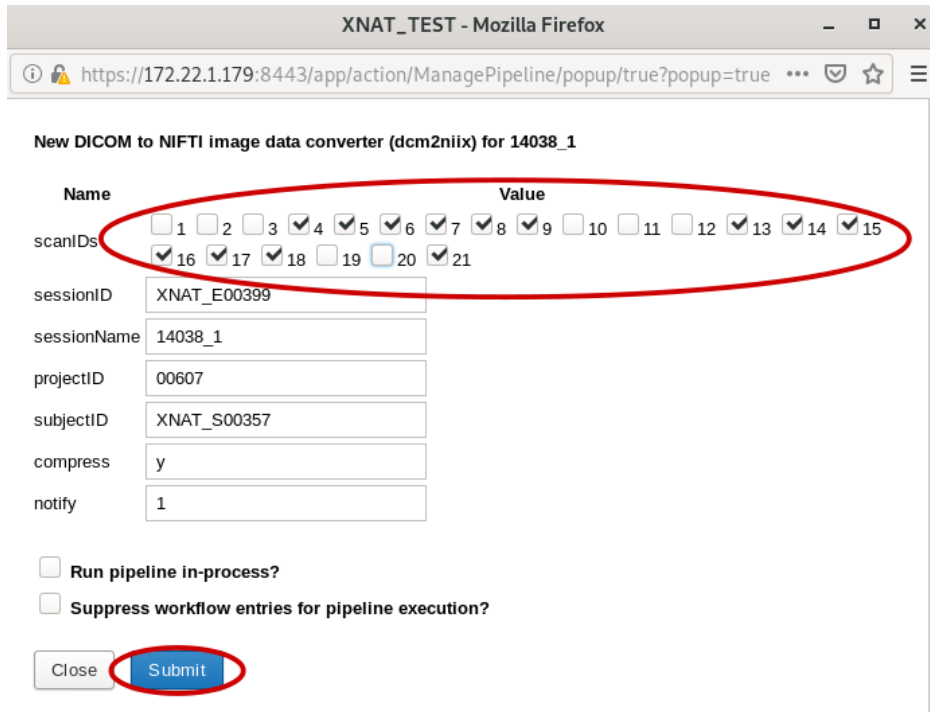


Figure 5: Select scans and "Submit".