

Step 3: Convert DICOMs to NIFTI

This step optional for studies that wish to directly convert their DICOMS to NIFTI. The others can directly go to step 4 to download the DICOM and other files.

a) Open MR session:

The screenshot shows the 'Subject Details' page for subject 20201203-35213. The 'Details' tab is active, displaying metadata such as Accession # (XNAT_ZIH2_S00583), Date Added (2020-12-04 11:27:56.569), Birth year, Gender, and Handedness. An 'Actions' menu is visible on the right with options like Edit, View XML, Add Experiment, Download XML, Email, Manage Files, and Delete. Below the details is an 'Experiments' table with columns for Date, Experiment, Project, and Label. The 'MR Session' entry is circled in red.

Date	Experiment	Project	Label
2020-12-03	MR Session	01303 NICQA d32 FBIRN	16363_1

b) Click on ,Build':

The screenshot shows the 'MR Session: 16363_1' details page. The 'Details' tab is active, displaying metadata such as Accession # (XNAT_ZIH2_E01590), Date Added (12/04/2020 11:27:56), Date (12/03/2020), Time (07:06:54), Operator (Miller Dirk), Scanner Name (MRC35213), Scanner Type (SIEMENS TnoTim), and Acquisition Site (NIC). The 'Build' option in the 'Actions' menu is circled in red. Below the details is a 'Scans' table listing various scan types and their file sizes.

Scan	Type	Series Desc	Usability	Files	Note
1	ep2d_bold_rsMRT_Phantom	ep2d_bold_rsMRT_Phantom	usable	4.1 MB in 11 files	
2	ep2d_bold_rsMRT_Phantom	ep2d_bold_rsMRT_Phantom	usable	55.8 MB in 150 files	
3	boldA_restfb_01_32tra-6117-20202000-0987-33_SBRRef	boldA_restfb_01_32tra-6117-20202000-0987-33_SBRRef	usable	1.5 MB in 1 files	
4	boldA_restfb_01_32tra-6117-20202000-0987-33	boldA_restfb_01_32tra-6117-20202000-0987-33	usable	384.0 MB in 250 files	
5	boldA_TRR-rest_1_1_32-ta-1-6-1-8-24242400-38-869_SBRRef	boldA_TRR-rest_1_1_32-ta-1-6-1-8-24242400-38-869_SBRRef	usable	1.1 MB in 1 files	
6	boldA_TRR-rest_1_1_32-ta-1-6-1-8-24242400-38-869	boldA_TRR-rest_1_1_32-ta-1-6-1-8-24242400-38-869	usable	263.1 MB in 250 files	

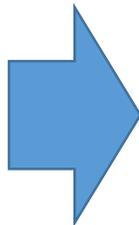
Total: 709.5 MB in 663 files

c) Choose Scan IDs and submit:

New DICOM to NIFTI image data converter (dcm2niix) for 16363_1

Name	Value
scanIDs	<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> 6
sessionID	XNAT_ZIH2_E01590
sessionName	16363_1
projectID	01303
subjectID	XNAT_ZIH2_S00583
compress	y
notify	1

- Run pipeline in-process?
- Suppress workflow entries for pipeline execution?



Please select a pipeline to launch for 16363_1

dicom2nifti

Description: New DICOM to NIFTI image data converter (dcm2niix)