

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

NIRAL Utilities

RRID:SCR_002490

Type: Tool

Proper Citation

NIRAL Utilities (RRID:SCR_002490)

Resource Information

URL: http://www.nitrc.org/projects/niral_utilities/

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Description: Open-source utilities that are C++ based command line applications that allow image analysis and processing using ITK or VTK libraries. Specifically the following utilities are contained thus far: * ImageMath - the swiss army knife image modification * ImageStat - compute stats on images * IntensityRescaler - rescale/normalize intensities using a prior brain tissue segmentation * convertITKformats - convert 3D images in all ITK formats (NRRD, NIFTI, GIPL, Meta etc) * DWI_NiftiNrrdConversion - convert DWI and DTI from/to NRRD and NIFTI, works with UNC DTI tools and FSL * CropTools - crops 3D and 4D images * PolydataMerge - Merges VTK polydata files * PolydataTransform - Transforms polydata files * TransformDeformationField - concatenates or average deformation fields (H-fields or displacement fields) * DTIAtlasBuilder - Creates a DTI average from multiple DTI images

Abbreviations: NIRAL Utilities

Resource Type: data processing software, image analysis software, image processing software, software application, software resource

Keywords: analyze, c++, console (text based), linux, macos, microsoft, magnetic resonance, nrrd, posix/unix-like

Availability: Free, Freely available

Resource Name: NIRAL Utilities

Resource ID: SCR_002490

Alternate IDs: nlx_155884

License: Apache License

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260912T195541+0000

Ratings and Alerts

No rating or validation information has been found for NIRAL Utilities.

No alerts have been found for NIRAL Utilities.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.