JIST: Java Image Science Toolkit

RRID:SCR_008887
Type: Tool

Proper Citation

JIST: Java Image Science Toolkit (RRID:SCR_008887)

Resource Information

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

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Description: A native Java-based imaging processing environment similar to the ITK/VTK paradigm. Initially developed as an extension to MIPAV (CIT, NIH, Bethesda, MD), the JIST processing infrastructure provides automated GUI generation for application plug-ins, graphical layout tools, and command line interfaces. This repository maintains the current multi-institutional JIST development tree and is recommended for public use and extension. JIST was originally developed at IACL and MedIC (Johns Hopkins University) and is now also supported by MASI (Vanderbilt University).

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

References: PMID:20077162

Keywords: experimental control, modeling, quantification, segmentation, shape analysis, spatial transformation, workflow, macos, windows, os independent, bsd, linux, sunos/solaris, java, afni brik, analyze, cor, dicom, gifti, mgh/mgz, minc, minc2, nifti-1, nrrd, philips par/rec, magnetic resonance

Parent Organization: Johns Hopkins University; Maryland; USA, Vanderbilt University; Tennessee; USA

Related Condition: Aging

Funding Agency: NIA, NINDS

Related resources: Maps4Mipav (Exploratory JIST), MR Connectome Automated Pipeline,

**Availability:** GNU Lesser General Public License

**Website Status:** Last checked up

**Abbreviations:** JIST

**Resource Name:** JIST: Java Image Science Toolkit

**Resource ID:** SCR_008887

**Alternate IDs:** nlx_151344

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**Ratings and Alerts**

No rating or validation information has been found for JIST: Java Image Science Toolkit.

No alerts have been found for JIST: Java Image Science Toolkit.

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**Data and Source Information**

**Source:** [SciCrunch Registry](SciCrunch Registry)

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**Usage and Citation Metrics**

We found 20 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](FDI Lab - SciCrunch.org).


