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).

Abbreviations: JIST

Synonyms: Java Image Science Toolkit

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

Defining Citation: 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

Funding Agency: NINDS, NINDS, NIA

Availability: GNU Lesser General Public License
**Resource Name:** JIST: Java Image Science Toolkit

**Resource ID:** SCR_008887

**Alternate IDs:** nlx_151344

**Alternate URLs:** https://sources.debian.org/src/jist/

**Record Creation Time:** 20220129T080249+0000

**Record Last Update:** 20240822T053641+0000

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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](https://scicrunch.org)

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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](https://fdi.fhcrc.org).


