LONI Pipeline Processing Environment

RRID:SCR_001161
Type: Tool

Proper Citation

LONI Pipeline Processing Environment (RRID:SCR_001161)

Resource Information

URL: http://www.loni.usc.edu/Software/Pipeline

Description: A free workflow application primarily aimed at neuroimaging researchers that allows users to easily describe their executables in a graphical user interface (ie. create a module) and connect them together to create complex analyses all without having to code a single line in a scripting language. The Pipeline Client runs on your PC/Mac/Linux computer upon which you can create sophisticated processing workflows using a variety of commonly available executable tools (e.g. FSL, AIR, FreeSurfer, AFNI, Diffusion Toolkit, etc). The Distributed Pipeline Server can be installed on your Linux cluster and you can submit processing jobs directly to your own compute systems. Once you’ve created a module for use in the LONI Pipeline, you can save it into your personal library and reuse it in other workflows you create by simply dragging and dropping it in. Because the LONI Pipeline is written in Java, you can work in whatever operating system suits you best. If there are tools that you need that can only work on another operating system, you can install a Pipeline server on that computer and connect from your client to do processing and analysis remotely.

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

Keywords: workflow, neuroscience, afni brik, analyze, bshort, bfloat, computational neuroscience, dicom, imaging genomics, java, linux, macos, microsoft, minc, minc2, nifti, pet, spect, posix/unix-like, sunos/solaris, windows, windows nt/2000, atlas, birn, ccb, functional, na-mic, registration, segmentation, statistical, surface analysis, visual processing environment, volume, warping, image processing
Resource ID: SCR_001161

Parent Organization: University of California at Los Angeles; California; USA

Funding Agency: NCRR, NIMH

References: PMID:12880830

Availability: LONI Software License

Website Status: Last checked up

Alternate IDs: nif-0000-00322

Alternate URLs: http://www.nitrc.org/projects/pipeline

Old URLs: http://www.loni.ucla.edu/NCRR/Software/Pipeline.html

Abbreviations: LONI Pipeline

Mentions Count: 11

Ratings and Alerts

- 4 / 5 (7 votes) Rated at NITRC http://www.nitrc.org/projects/pipeline

No alerts have been found for LONI Pipeline Processing Environment.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch Infrastructure.


