Resource Summary Report

Generated by NIF on Apr 27, 2025

Image Workflow

RRID:SCR_007017
Type: Tool

Proper Citation

Image Workflow (RRID:SCR_007017)

Resource Information

URL: http://openccdb-dev-web.crbs.ucsd.edu/software/index.shtm

Proper Citation: Image Workflow (RRID:SCR_007017)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 4th,2023. Software to support registering brain images to the stereotaxic coordinate system of a brain atlas. It was specifically designed to work with the large scale brain mosaics. When data are uploaded to the CCDB, users may launch Jibber, a custom tool for defining correspondence points between the image and an atlas overlay. Jibber automatically downsamples the data, so that users can define the warping and scaling parameters with good interactive performance on the smaller copy. Once the warping transformation is computed, the original image and the transformation matrix are sent to a cluster of computers for warping. The current version of Jetsam is running on a 30 Sun V20 nodes and the execution time is roughly about 20 minutes per GB. The warped images are then automatically registered with an image web server that supports spatial queries based on stereotaxic coordinates. These servers generate optimized downsampled images, which can be displayed by standard online clients regardless of the size of the original image.

Abbreviations: Image Workflow

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

Keywords: brain, image

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Image Workflow

Resource ID: SCR_007017

Alternate IDs: nlx_156721

Record Creation Time: 20220129T080239+0000

Record Last Update: 20250426T055911+0000

Ratings and Alerts

No rating or validation information has been found for Image Workflow.

No alerts have been found for Image Workflow.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.