**Mango**

RRID:SCR_009603  
Type: Tool

**Proper Citation**

Mango (RRID:SCR_009603)

**Resource Information**

**URL:** [http://ric.uthscsa.edu/mango/](http://ric.uthscsa.edu/mango/)

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**Description:** A viewer for medical research images that provides analysis tools and a user interface to navigate image volumes. There are three versions of Mango, each geared for a different platform:  
- Mango – Desktop – Mac OS X, Windows, and Linux  
- webMango – Browser – Safari, Firefox, Chrome, and Internet Explorer  
- iMango – Mobile – Apple iPad

**Key Features:**  
- Built-in support for DICOM, NIFTI, Analyze, and NEMA-DES formats  
- Customizable: Create plugins, custom filters, color tables, file formats, and atlases  
- ROI Editing: Threshold and component-based tools for painting and tracing ROIs  
- Surface Rendering: Interactive surface models supporting cut planes and overlays  
- Image Registration: Semi-automatic image coregistration and manual transform editing  
- Image Stacking: Threshold and transparency-based image overlay stacking  
- Analysis: Histogram, cross-section, time-series analysis, image and ROI statistics  
- Processing: Kernel and rank filtering, arithmetic/logic image and ROI calculators

**Abbreviations:** Mango

**Synonyms:** Multi-image Analysis GUI

**Resource Type:** software resource, data visualization software, data processing software, image processing software, image analysis software, software application
Keywords: analyze, atlas application, console (text based), dicom, gifti, java, linux, macos, microsoft, magnetic resonance, nifti, os independent, platform, posix/unix-like, quantification, region of interest, registration, rendering, segmentation, spatial transformation, statistical operation, sunos/solaris, surface analysis, temporal transformation, visualization, volumetric analysis, web environment, win32 (ms windows), windows, windows vista, windows xp

Funding Agency: NIBIB, NIBIB, NIMH

Availability: Free

Resource Name: Mango

Resource ID: SCR_009603

Alternate IDs: nlx_155804

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

Ratings and Alerts

- 4 / 5 (6 votes) Rated at NITRC http://www.nitrc.org/projects/mango

No alerts have been found for Mango.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 272 mentions in open access literature.

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


neurography. Insights into imaging, 12(1), 54.


Stephens TM, et al. (2021) Akinetic mutism reversed by inferior parietal lobule repetitive
theta burst stimulation: Can we restore default mode network function for therapeutic benefit? Brain and behavior, 11(8), e02180.