## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on Apr 27, 2024

# **Slice:Drop**

RRID:SCR\_002557

Type: Tool

## **Proper Citation**

Slice:Drop (RRID:SCR\_002557)

#### Resource Information

URL: http://slicedrop.com

Proper Citation: Slice:Drop (RRID:SCR\_002557)

**Description:** A viewer for medical imaging data that supports a variety of scientific file formats out-of-the-box (see https://github.com/xtk/X/wiki/X:Fileformats for a complete list). We think that the best way to render your files is without any necessary conversions. Just drop'em on a website and they are ready to render. Just drag'n'drop some medical imaging files on this website or try one of the four examples in the right corner. Then, play with the panels on the left and click, drag and rotate the 3d content. Slice:Drop uses WebGL and HTML5 Canvas to render the data in 2D and 3D. We use our own open-source toolkit to perform the rendering, called XTK ( http://goxtk.com ).

**Abbreviations:** Slice:Drop

**Resource Type:** software resource, analysis service resource, service resource, production service resource, source code

**Keywords:** ascii, clinical neuroinformatics, computed tomography, dicom, javascript, mgh/mgz, magnetic resonance, nifti, nrrd, medical imaging, 3d, visualization, rendering

Availability: MIT License

Resource Name: Slice:Drop

Resource ID: SCR\_002557

Alternate IDs: nlx\_155964

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

### **Ratings and Alerts**

• 5 / 5 (1 votes) Rated at NITRC <a href="http://www.nitrc.org/projects/slicedrop">http://www.nitrc.org/projects/slicedrop</a>

No alerts have been found for Slice:Drop.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 4 mentions in open access literature.

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

Chatzinikolaou E, et al. (2021) Micro-CT image gallery visually presenting the effects of ocean warming and acidification on marine gastropod shells. Biodiversity data journal, 9, e75358.

Bernal-Rusiel JL, et al. (2017) Reusable Client-Side JavaScript Modules for Immersive Web-Based Real-Time Collaborative Neuroimage Visualization. Frontiers in neuroinformatics, 11, 32.

Keklikoglou K, et al. (2016) Micro-CTvlab: A web based virtual gallery of biological specimens using X-ray microtomography (micro-CT). Biodiversity data journal(4), e8740.

Gutman DA, et al. (2014) Web based tools for visualizing imaging data and development of XNATView, a zero footprint image viewer. Frontiers in neuroinformatics, 8, 53.