

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Slice:Drop

RRID:SCR_002557

Type: Tool

Proper Citation

Slice:Drop (RRID:SCR_002557)

Resource Information

URL: <http://slicedrop.com>

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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: production service resource, software resource, source code, analysis service resource, service resource

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

Availability: Free, Available for download, Freely available

Resource Name: Slice:Drop

Resource ID: SCR_002557

Alternate IDs: nlx_155964

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

License: MIT License

Record Creation Time: 20220129T080214+0000

Ratings and Alerts

No rating or validation information has been found for Slice:Drop.

No alerts have been found for Slice:Drop.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Laamoumi M, et al. (2025) A taxonomic guide to diffusion MRI tractography visualization tools. NMR in biomedicine, 38(1), e5267.

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.