

Resource Summary Report

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ORS Visual SI

RRID:SCR_002509

Type: Tool

Proper Citation

ORS Visual SI (RRID:SCR_002509)

Resource Information

URL: <http://theobjects.com/en/products/scientific/index.php>

Proper Citation: ORS Visual SI (RRID:SCR_002509)

Description: Software with advanced visualization techniques and state-of-the-art volume rendering provide unparalleled insight into the details and properties of neurological data acquired by CT, micro-CT, MRI, PET, SPECT, microscopy and other modalities. With data fusion tools, intramodality and multimodality registration of MR/CT or PET/CT is easily accomplished, while semi-automatic VOI delineation on fused datasets can improve analysis. Standard formats, such as DICOM, RAW, JPEG, NIFTI, Analyze are supported and 3D/4D sequences can be played. Other features include MPR, oblique, CPR, volume clipping, and surface visualization of cortex, skull, and scalp models. Also standard are easy-to-use tools for voxel-based delineation of features and the measurement of properties, including areas, volumes, counts, and intensity profiles. Present your findings by creating annotated animations or high-resolution images for posters. An SDK is also available to create plug-ins that provide new workflows or functionalities.

Abbreviations: ORS Visual SI

Synonyms: Object Research Systems Visual SI

Resource Type: software application, data processing software, software resource, data visualization software, commercial organization

Keywords: active contour, animation, clipping, computed tomography, image display, image reconstruction, magnetic resonance, optical imaging, pet, spect, quantification, quantitative shape analysis, region growing, region of interest, rendering, segmentation, shape analysis, surface analysis, surface rendering, three dimensional display, two dimensional display, visualization, virtual endoscopy, volume measurement, volume rendering, volumetric analysis, english, french, italian, japanese, portuguese, spanish

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ORS Visual SI

Resource ID: SCR_002509

Alternate IDs: nlx_155908

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

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260804T043152+0000

Ratings and Alerts

No rating or validation information has been found for ORS Visual SI.

No alerts have been found for ORS Visual SI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang C, et al. (2020) Circuit Reorganization Shapes the Developing Human Foveal Midget Connectome toward Single-Cone Resolution. Neuron, 108(5), 905.