

Resource Summary Report

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3DViewnix

RRID:SCR_007351

Type: Tool

Proper Citation

3DViewnix (RRID:SCR_007351)

Resource Information

URL: <http://mipgsun.mipg.upenn.edu/~Vnews/>

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Description: Data-, machine-, and application- independent software system for the visualization and analysis of multidimensional images. This transportable, very inexpensive software system, has capabilities for visualizing, manipulating, and analyzing multidimensional, multimodality image information. It is designed to run on Unix machines under X-windows. It uses a data protocol that is a multidimensional generalization of the ACR-NEMA standards. We have tested it extensively on SGI and Sun workstations and PCs. Other recipients of 3DVIEWNIX have installed it on a variety of platforms including IBM RS6000s, HP700s, and Stardent, all from a single source code version. **UNIQUE FEATURES OF 3DVIEWNIX** * Transportable - based on UNIX, X-window, and C * Based on multidimensional generalization of ACR-NEMA standards of data representation * Application-independent * Image dimensionality independent * Can handle rigid, non-rigid, static, and dynamic objects and object assemblies * Can handle object information from multiple modalities and longitudinal acquisitions * Multitudes of visualization, manipulation, and analysis methods incorporated * Open software system distributed with source code

Abbreviations: 3DViewnix

Resource Type: d visualization software, data processing software, software application, software resource

Defining Citation: [PMID:12821028](#)

Keywords: 3d imaging, registration, segmentation, visualization, volume, multi-modal, image

Availability: Open software system distributed with source code

Resource Name: 3DViewnix

Resource ID: SCR_007351

Alternate IDs: nif-0000-00257

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260905T132610+0000

Ratings and Alerts

No rating or validation information has been found for 3DViewnix.

No alerts have been found for 3DViewnix.

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 [Kravitz](#) .

Yamamoto A, et al. (2006) Whole brain magnetization transfer histogram analysis of pediatric acute lymphoblastic leukemia patients receiving intrathecal methotrexate therapy. European journal of radiology, 57(3), 423.