



Slicer, or 3D Slicer, is a free, open source software package for visualization and image analysis. Slicer 4.0, newly released in November 2011, offers many exciting features on a robust and thoroughly tested application platform. As a project, Slicer maintains accuracy while maximizing research flexibility and active development potential.

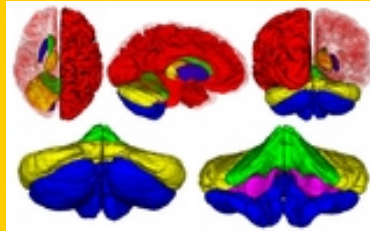
Slicer's primary focus is on subject-specific image analysis and visualization. Multi-modality registration, multi-organ segmentation, and bidirectional device interfacing, and many other tasks are Slicer's "bread and butter.". In addition to features from the previous version, Slicer 4 includes:

- Improved Interactive Editor
- New Color Module
- Improved Volume Rendering
- EM Segmenter, simple version
- Fast Marching Segmentation
- Robust Statistics Segmentation
- New Registration module
- New Slices module
- Fiducial based tractography
- Improved SceneSnapshot Screen Capture functionality
- 4D Image Viewer
- Support for Extension Server for installing plug-ins
- Improved Dicom Support
- XNAT desktop compatibility

3D Slicer Training 2012

March 20-21, 2012

Hardin Library Info Commons



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Tuesday

9.00-9.30 am	Slicer Welcome—Ron Kikinis
9.30-10.45 am	Core Tutorials—Sonia Pujol
10.45-11.00 am	Coffee Break
11.00am-12.15 pm	Core Tutorials, cont.—Sonia Pujol
12.15-1.30 pm	Lunch (provided)
1.30-3.00 pm	Quantitative Imaging —Andriy Federov
3.00-3.30 pm	Coffee Break
3.30-5.00 pm	Quantitative Imaging—Andriy Federov

Wednesday

9.00-9.45 am	Developing for Slicer: An Introduction to SEM—Andriy Federov/Sonia Pujol
9.45-10.15am	SimpleITK—Hans Johnson
10.15-10.30 am	Coffee Break
10.30-11.30am	Slicer Customization with Scripting—Demian Wasserman/Sonia Pujol
11.30am-12.00pm	Concluding Remarks and Feedback
1.00-5.00 pm	Invitation only DWI and QIN discussions

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