

Resource Summary Report

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Level-set Segmentation for Slicer3

RRID:SCR_009558

Type: Tool

Proper Citation

Level-set Segmentation for Slicer3 (RRID:SCR_009558)

Resource Information

URL: http://www.slicer.org/slicerWiki/index.php/Slicer3:Module:Level-Set_Segmentation_Framework-Documentation

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Description: The modules in the framework support different tasks in the segmentation realization in 3DSlicer. A module called Level-set label map evolver was developed, which takes an initial label image and a feature image as input and performs a Geodesic Active Contours evolution on the label image according to the feature image and to a different terms in the level-set equation. The evolution takes place for a customizable number of iterations. The output is a label image that can be used to produce a model. Other modules were developed to accompany the main module as can be seen in http://www.slicer.org/slicerWiki/index.php/Slicer3:Module:Level-Set_Segmentation_Framework-Documentation

Abbreviations: Level-set Segmentation for Slicer3

Synonyms: Slicer3:Module:Level-Set Segmentation Framework

Resource Type: data processing software, image analysis software, segmentation software, software application, software resource

Keywords: magnetic resonance

Availability: 3D Slicer License

Resource Name: Level-set Segmentation for Slicer3

Resource ID: SCR_009558

Alternate IDs: nlx_155786

Alternate URLs: <http://www.nitrc.org/projects/levelsetslicer3>

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260912T195713+0000

Ratings and Alerts

No rating or validation information has been found for Level-set Segmentation for Slicer3.

No alerts have been found for Level-set Segmentation for Slicer3.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.