# **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:** <a href="http://www.slicer.org/slicerWiki/index.php/Slicer3:Module:Level-Set\_Segmentation\_Framework-Documentation">http://www.slicer.org/slicerWiki/index.php/Slicer3:Module:Level-Set\_Segmentation\_Framework-Documentation</a>

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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: software application, segmentation software, image analysis software, data

processing software, software resource

**Keywords:** magnetic resonance

**Funding:** 

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: 20250524T060310+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.