## **Generating Surface Files from Objects**

Segment provides users with the ability to export surface files for segmented structures.

- Select MRI\_3D\_Head and open Segment.
- Select File > Load Object Maps and load MRI\_3D\_Head.obj.
- Right click on the object list 1 and select Extract Surface. 2



Download the MRI\_3D\_Head data set to follow along http://analyzedirect.com/data/



- Select the objects that you will use to generate a surface file. **3**
- The output surface name will be the same as the object name.
   If desired, rename the output surface file name.
- Select the surface generation method. **5**
- Set the Output Directory. 6
- Choose the ouput format. **7**
- Click Extract Surface(s).
- When surface generation is complete a notification will be returned letting you know that the selected surfaces have been generated and saved. Click OK
  to close the window.

Original       Filename       Original         ○ Original       Skin       Filename       Skin         ♥ Brain       3       Filename       Skin         ♥ Ventricle       Filename       Printicle_Surface         ♥ Ventricle       Filename       Lenticular_Surface         ♥ Caudate       5       Filename       Caudate_Surface         ♥ Caudate       5       Filename       Caudate_Surface       4         Options       5       Marching Cubes       Specify Budget 0       1         Interations 10       Cube Edge Size 3       Voluput Scaled Data       6         Output Directory       C:/Imaging/images/TutorialData       6         Output Format:       Binary 3D Systems (.stl)       7         ♥ Right Handed       8       Extract Surface(s)		Extract Surfa	aces	
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Surfaces Extracted and Saved for: Brain, Ventricle, Lenticular and Caudate			ОК	3