**Description:** This XTension will mask each of 2 surface scenes. It will find the voxels inside each surface that overlap with each other. A new channel will be made, and a new surface generated from the overlapping regions.

**Usage**: Chose 2 surface scene objects. All surface objects in each timepoint will be masked. Voxels inside each surface will be compared. Those voxels that are identified as being inside each surface will be isolated. Then a NEW Surface, with specific parameters will be created automatically from that new channel.

**Installation**: Copy this these files into the appropriate directory. If running the full version of Matlab, copy this in the “matlab” folder in the current version of Imaris directory. If you are running Imaris XTensions using the Matlab Compiler Runtime, then you will need to copy both the .exe and .xml files in the “rtmatlab” folder is the current version of Imaris directory.

XTension made in Matlab 2014b, and runs on Imaris 8.1.2 and earlier.