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Subject: MRI, ROI and displaying as a meshed object  
Posted by [sheryn.gillin](#) on Thu, 09 Jan 2003 04:52:19 GMT  
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Hi,

I have been trying unsuccessfully for about 6 months now to produce a meshed display of a muscle, and would appreciate any assistance you could provide.

I load a number of [MRI] slices in from a DICOM file - 3D array, and use XROI to 'select' a muscle of interest in a given slice only. I can extract and manipulate [either the vertices with DATA, or all points with ContainsPoints] the ROI using the Object functions provided by RSI, and currently plot the result using PLOT with a length equivalent to the slice thickness - so basically it looks awful.

Previously it was suggested to me to use the SHADE\_VOLUME function, however, I can't see how this will produce a meshed visualisation of the muscle.

Thanks in advance  
Sheryn  
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