SlicerITKUltrasound: A 3D Slicer extension for scan conversion of B-mode and next-generation ultrasound imaging modalities

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Summary

A 3D Slicer (Fedorov et al. 2012) extension for ultrasound scan conversion during 2D and 3D image generation for traditional B-mode imaging (Matthew M McCormick 2010), but also next-generation ultrasound image modalities like ultrasound spectroscopy (S. R. Aylward et al. 2016), acoustic radiation force imaging (ARFI) (Palmeri et al. 2016), acoustic radiation force shear wave imaging (ARFI-SWEI) (S. J. Rosenzweig 2014), and others. Interfaces are built off the ITKUltrasound library (Matthew Michael McCormick et al. 2014).

References


