

GetContours is a Matlab-based platform that provides straightforward click-and-drag positioning of reference points controlling a cubic spline fit to a displayed ultrasound image of the tongue surface.

- supports image filtering, averaging, and contrast enhancement
- Praat TextGrids labeled on associated audio can be imported to identify and annotate articulatory events of interest, allowing rapid selection of key frames within image sequences
- optional ‘plug-in’ procedures can be used for image pre-processing (e.g. resizing or enhancement) and automated tracking (e.g. ‘snake’ deformable active contour models)

See ‘help GetContours’ within Matlab for usage and examples.

See UltraFest2015.pdf (a poster presented at the Hong Kong Ultrafest VII) for an overview of GetContours.

Please contact mark tiede <tiede@haskins.yale.edu> with questions, problems, or feature requests.

Release Notes:

v0.8 09DEC15 (UltraFest HK version)

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