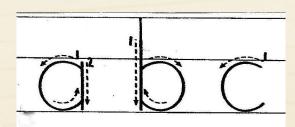
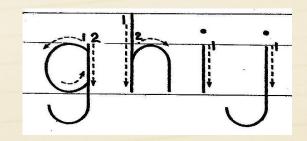


Trajectory Reconstruction

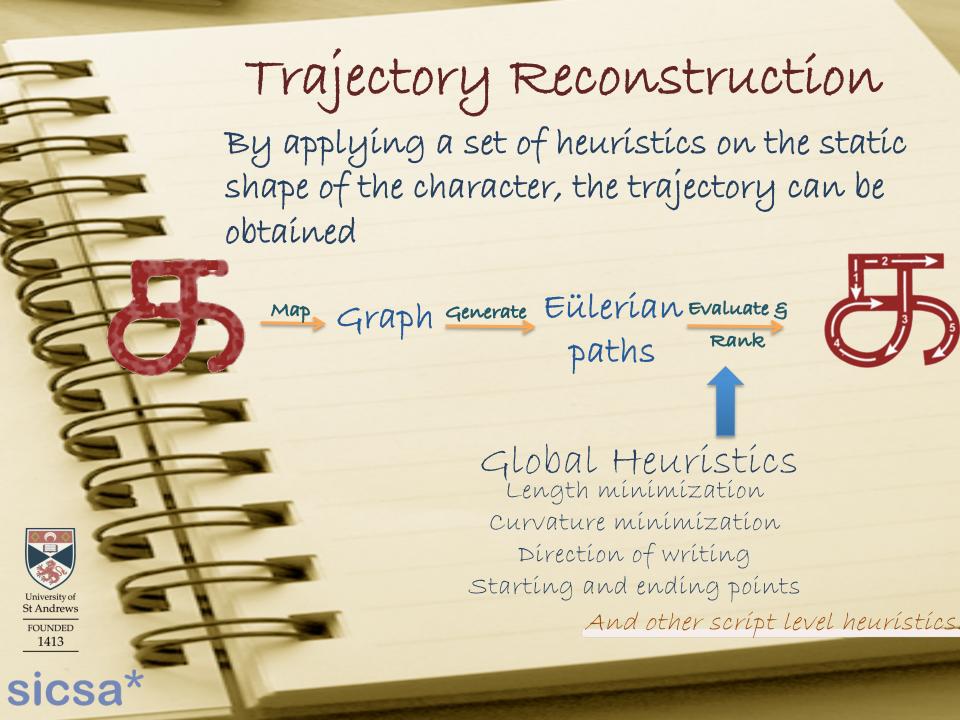




The trajectory of the character also allows several additional features to be computed



sicsa*





Predicting major "landmark points" in a glyph that are crucial to the shape/ formation of the glyph

Dudnon

Juan

The character is broken down to primitive strokes.



sicsa*

Method for Segmentation Velocity Time Extreme Curvature Points Pen Lift points Disjoint Points University of St Andrews **FOUNDED**

Deriving Metrics

Static Metrics

Average Curvature, Openness, Compactness, Number of Crossings...

Production Metrics

Pen Lifts, Velocity Inversions, Retraces.



5

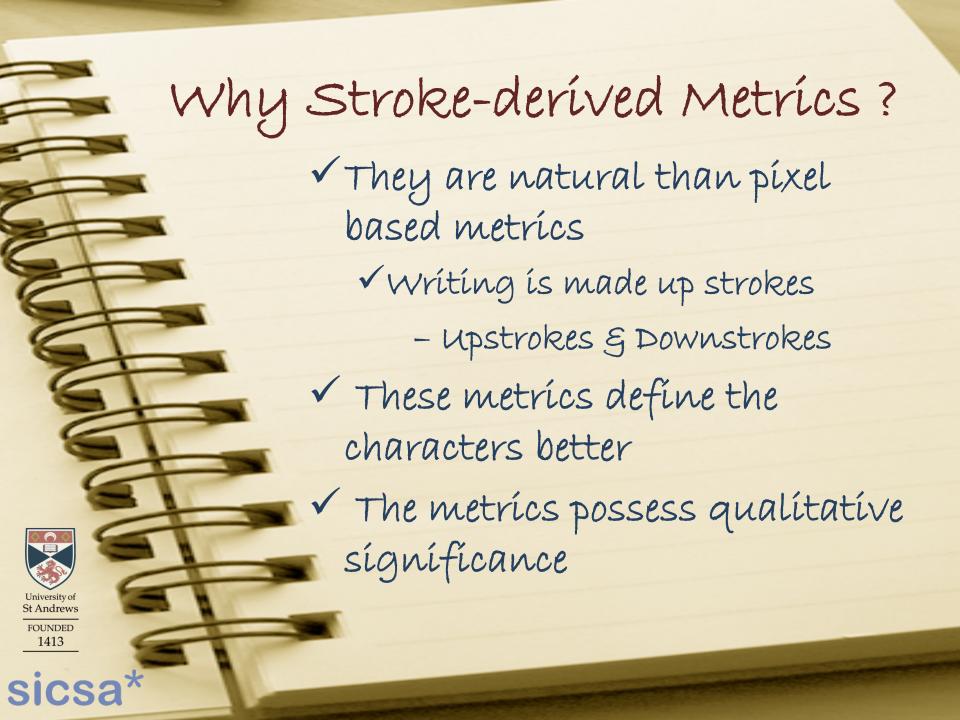
University of St Andrews

FOUNDED

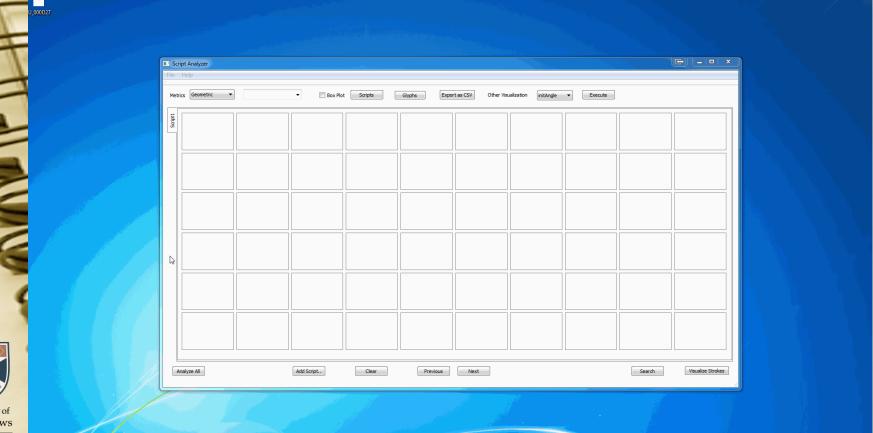
Stroke Metrics

Stroke Ratío, Initial Angle, Interstroke angles...

And. Others...



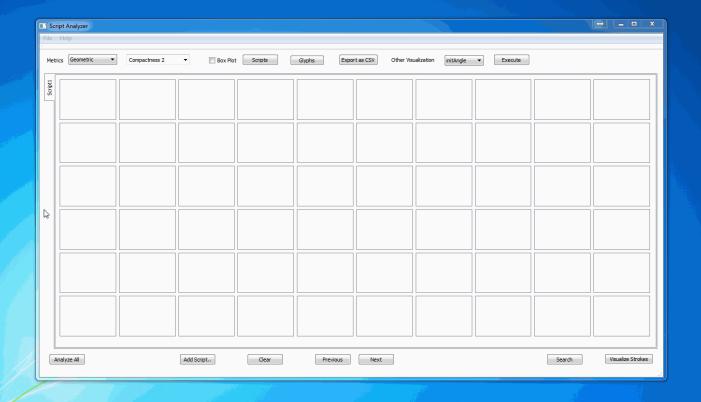
Prototype Implementation





sicsa*







sicsa

If you would like to try out the prototype system, drop in a request to vrs3@st-andrews.ac.uk