

Diary

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Pretty much decided to use the ‘pipes’ library for data streaming. As for graphics packages, so far we have:

- gloss
- dynamic-plot
- dynamic-graph
- Chart
- diagrams
- typed-spreadsheet
- plain OpenGL bindings

Going ahead with using gloss, mainly for ease of use (esp. since I have no prior background in any kind of graphics programming).

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Decided to use Haskell’s STM library to handle shared mutable state between gloss and the rest of the program. A gloss process is kicked-off with access to a TVar, which is modified by a pipe that

continuously reads data from stdin (one line at a time). All it does, currently, is plot a stream of x, y -coordinates onto a blank, white canvas.