

Project Proposal

Robert Konell, Blake Wellington

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Project Motivation:

Use Haskell and associated libraries to create an integrated piece of 'real world' like software. Graphical libraries for the front end, and web calls to an exposed web API for the backend.

Project:

A Trimet application wrapper to make use of Trimet's public web API's. An example use case would be to submit a stop ID, and get back arrival times.

Gtk2HS is a Haskell wrapper over the gtk+2.x library for creating user interfaces.

Previous experience:

Neither student has experience with user interfaces besides very mild use of the Java Swing API. Neither student has experience interacting with web API's. Both of these reasons are further motivation for the project.