Seismos Dashboard Architecture

Header

* User control in set grid row on main window
* No user inputs
* Updates with project intake form

Nav sidebar

* Tree view with simple levels
* Click on branch / leaf will open level-based widgets
* Color tag stages as a status indicator

Manel Panel

* Container for widgets
* Need way to decouple main panel from the widgets it will load

Services

* Data services
  + Metadata
  + Nav data
  + Well data
  + Stage data
* Control service
  + Load controls
  + Load dialogs
  + Handles message boxes

Views

* View for each control and widget
* Register views as data templates
* Create a data grid user control for key/value pairs

View models

* Handles the state of the views
* Directed by flow control

Flow control

* Create core set of backend classes that control the workflow in the dashboard

Framework for adding widgets

* Add some of the first widgets to work out the bugs
* Create framework for extending the dashboard with widgets

Document

* How this framework works
* How to add a new widget