2017-01-19 SW management meeting notes

Date

19 Jan 2017

Attendees

- Sung Bae
- Daniel Lagrava
- Brendon Bradley

Goals

Discussion items

Time	Item	Who	Notes

Wishlist

Seisfinder

General

1. Make Seisfinder externally viewable
2. Add more data
3. Support multiple locations (Zip file containing Zip files ok)
4. Eventually we want to release BB Acc
5. Work with Kevin for Statgrid Vs30

Database (3days)

1. Change database to accommodate unique names in event,rupture,velocity,document and stationset tables
2. Add a path field to rupture and event tables
3. Make rak optional in segment table
4. Write bulk insert queries for the new table structure

Input page (1day)

1. Show PGV upon the selection of event (Load the layer onto Google Map and place a pin for the location).
2. Give a link to PDF doc below the PGV map.

Output page (1day)

1. Check station is indeed closest (Show distance between requested and returned locations (should be less than HH))
2. Rupture model needs to show image of SRFs
3. VM needs to show more parameters
4. Below download, show tools and instructions on how to use the data

Real time

1. Tidy up params_vel.py and include corners for plotting before mesh generation (1day)
2. Include model params generation in VM generation (4days)
3. Separate HF from BB and run it alongside LF (2days)
4. Wallclock time estimation (2days)
5. Develop regression testing for SRF (3days)

Code base

1. Clean up Rob's codes (survey what are used). Better makefile (5 days)
2. Merge stable and devel branches (5 days)

Action items