

Sprint 16 1901-01

Overview

Duration: 7 - 18 Jan (10 days)

completed	in progress	to do
32	3	0

(vs record 49 completed sprint 12/14)

Epic	Story	Owner	Deliverables	Link
SeisFinder	1. Plan user-level access control 2. Plan AWS hosting 3. Implement basic web interface	Viktor Karim Sung	Detailed plan for user-level access and prototype Cloud pricing : depending on empirical data Web interface completed and running on Hypocentre, capable of hazard and deagg calculation, displaying the plots	Planning User-class access control Cloud pricing • http://calculator.s3.amazonaws.com/index.html • https://azure.microsoft.com/en-au/pricing/details/virtual-machines/linux/ SeisFinder2 website deaggregation http://hypocentre/seisfinder/site
SimWorkflow	1) Cybershake 18p6 a) Run all Cybershake v18p6p1 2) GM Sim Versioning a) Params (py to yaml) b) Version templates created c) Install specifies a version template to use	Melody Jason Jonney	Introduces the usage of YAML as new format of saving parameters.	re-running cybershake v18p6 GM Sim Versioning 4. Create dummy templates for each level of yaml and adjust the cubershake install wrapper Files to tar or keep at the end of cybershake submission
WCT Estimation + Metadata	1) Completed WCT estimation for LF /HF/BB 2) Worked on estimation of lots of simulations (LF - done, HF/BB - minor code change required + testing) 3) IM calc estimation + metadata collection improvement	Claudio	WCT estimation Changed manual workflow to python3 Improved metadata collection	WCT estimation + metadata collection

Misc	1) Simulation animations on Mahuika 2) Installation / VM validation changes 3) Plan SRF gen randomness	Jason Viktor /Claudio Melody	1) Currently running sample animation for each fault. 2) Checks VM during install and number of SRF files correspond to the number of realisations. Also VM extent verification with the NZ DEM. 3) Planned to start with Mw, sdrops and fvfrac then extend 4) Bug fix incorrect location of IM ch_log files	3) 
Backlog	1) Metadata analysis			