

2.Setting up params.yaml with new Cybershake install structure

Background

All 'from params import ' and 'import params' are replaced by accessing attributes of a DotDictify object.

However, old params*.py and cybershake install strusture are preserved to avoid things breaking

Tasks:

| | |
|--|----|
| 1. Identify how the old install structure is setup | 2h |
| 2. modify install.py to set up a new install structure | 8 |
| 3. modify set_runparmas to setup the new install structure | 8 |
| 4. submit_emod3d.py | 4 |
| 5. submit_post_emod3d.py | 4 |
| 6. install_bb.py | 5 |
| 7. submit_hf.py | 4 |
| 8. submit_bb.py | 4 |
| 9. statlist2gp.py | 3 |
| 10. remove params.py in script 1-9 | 1d |
| 11. remove params_base.py in script 1-9 | 1d |
| 12. remove params_bb_uncertain.py in script 1-9 | 1d |
| 13. remove params_uncertain.py in script 1-9 | 1d |

Deliverable:

Tasks 1-9 done. Now we have a new cybershake install structure when running the install.py :

realization/[HF|BB|LF]

And sim_params.yaml is located under realization, at the same level as HF/BB/LF folders.

TODO:

Tasks 1-13 is basically refactoring the whole slurm_gm_workflow/script repository. Lots of breaks when removing prams*.py due to so many dependencies, symbolic links etc.

Params.py needs to be carefully removed.

Also, the testing for the new cybershake install structure is tested under manual workflow (eg, run 'python slurm_gm_workflow/script/install.py'). Needs more testing when wrapped by the automatic workflow (eg. run 'install_cybershake.sh')