

3.Remove params*.py from the new Cybershake install structure

Background:

New Cybershake install structure (realization/[HF|LF|BB]) with yaml and params.py both present is now available.

Parameter Folder Structure: [Parameters and locations in new folder hierarchy](#)

Tasks:

remove params*.py usage from the files 1-14 for manual workflow

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|--|----|
| 1. install.py | 8h |
| 2. set_runparams.py | 4h |
| 3. submit_emod3d.py | 4 |
| 4. run_emod3d.sl.template | 4 |
| 5. submit_post_emod3d | 2 |
| 6. run_hf_mpi.sl.template | 1 |
| 7. submit_post_emod3d.py | 4 |
| 8. tets_post_emod3d.sh | 1 |
| 9. run_post_emod3d.sl.template | 1 |
| 10. install_bb.py | 4 |
| 11. run_bb_mpi.sl.template | 1 |
| 12. submit_hf.py | 4 |
| 13. submit_bb.py | 4 |
| 14. statlist2gp.py | 3 |
| 15. test yaml on new install structure with benchmark | 4h |
| 16. Decide exact params location in the new folder structure with team and complete Parameters and locations in new folder hierarchy | 5h |
| 17. Genrate root_params.yaml by modifying script 1-13 according to 16 | 4h |
| 18. Genrate fault_params.yaml by modifying script 1-13 according to 16 | 6h |
| 19. Genrate sim_params.yaml by modifying script 1-13 according to 16 | 8h |
| 20. Genrate vm_params.yaml by modifying script 1-13 according to 16 | 4h |
| 21. write testing code and do benchmark testing | 8h |
| 22. clean up the code and do benchmark testing | 8h |

Progress:

Task 1-21 done. All params*.py remove. Required functionalities for manual workflow all done and tested

We can run cybershake manual workflow with params versioning in the new install structure with yaml files

Todo:

- 1.Clean up the manual workflow and testing code.
- 2.Then merge params branch into master and do benchmark testing
3. Then make the automatic workflow work.