

# HammerCloud functional tests, autoexclusion and AGIS

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- ▶ HammerCloud
  - ▶ provides functional tests for analysis (AFT) and production (PFT) queues
  - ▶ can automatically black-/whitelist sites based on AFT/PFTs
  - ▶ until now: new queues added by hand
- ▶ ATLAS Grid Information System AGIS
  - ▶ central information repository for all things Grid
  - ▶ new field for HammerCloud integration: “hc\_param”
- ▶ automatic synchronization from AGIS to HC

- ▶ 3 possible values for “hc\_param” (case sensitive!):
  - ▶ “False”: HC will ignore this queue
  - ▶ “OnlyTest”: HC will send functional tests, but not act on the results
  - ▶ “AutoExclusion”: HC will send functional test and autoexclude based on them
- ▶ set desired value in AGIS panda resource table
  - ▶ example [http://atlas-agis.cern.ch/agis/panda\\_resource/detail/ANALY\\_LRZ/full/](http://atlas-agis.cern.ch/agis/panda_resource/detail/ANALY_LRZ/full/)
  - ▶ twiki howto [https://twiki.cern.ch/twiki/bin/view/AtlasComputing/AtlasGridInformationSystemAddModifyData#Add\\_Update\\_Delete\\_PanDA\\_resource](https://twiki.cern.ch/twiki/bin/view/AtlasComputing/AtlasGridInformationSystemAddModifyData#Add_Update_Delete_PanDA_resource)
- ▶ MCore queues blacklisted based on corresponding single core queue
  - ▶ separate set of low frequency tests

- ▶ New or changed queue? Set `hc_param` yourself!
- ▶ (future) cron job will configure HC accordingly
- ▶ wait 24h for tests to restart
- ▶ if something strange happens, please complain at
  - ▶ `atlas-adc-hammercloud-support@cern.ch`