

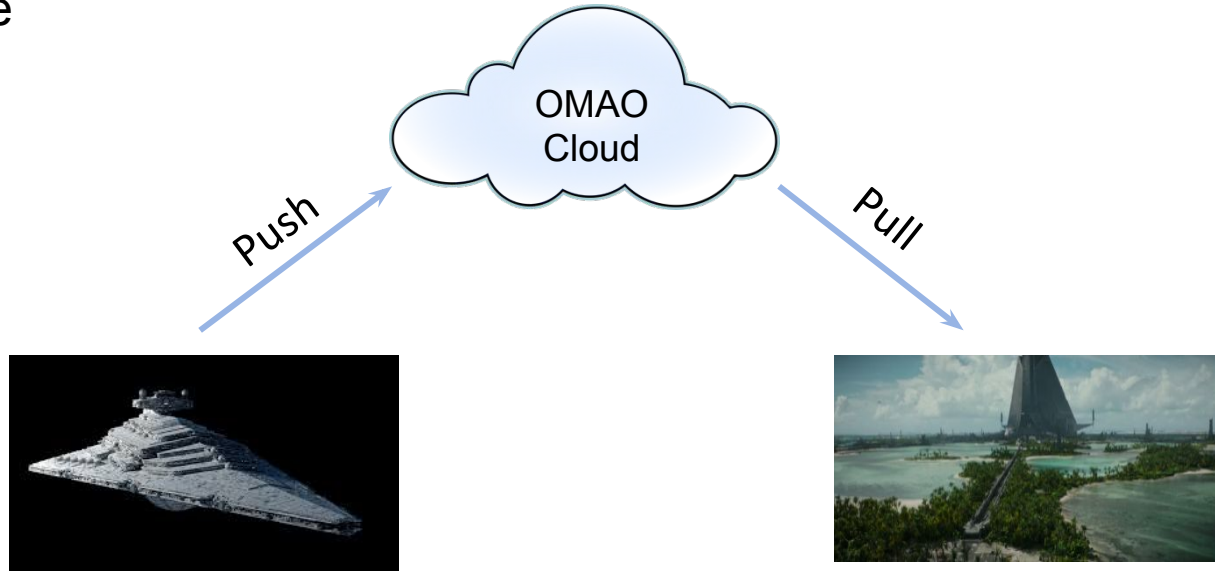
Sea Snatcher

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- Stand alone software for immediately transferring raw conductivity-temperature-depth (CTD) profiles in near real time to NCEI.
- Select the cast, each file from the cast is zipped with a manifest, and synced with the OMAO cloud.
- NCEI will sweep the OMAO cloud for new files on a schedule and download to the archive



OMAO Obstacles

Still very early in the process!

- 1) Test data transfer and syncing on an actual ship.
- 2) Get buy-in from science parties that are hesitant to transfer non-quality controlled data.
- 3) Every ship is different and need to standardize work flow / naming conventions
- 4) Incorporate Moving Vessel Profiler data collected by OMAO hydrography ships



Data processing and Auto QC

Any unprocessed data will be processed

- I.e. process SBE raw file suite (HEX, HDR, CON extension files) using the standard Seasoft software processing routines

Run quality control on processed data

- Use World Ocean Database (WOD) automated routines



Make data publicly available

- Push near real time data out to Global Telecommunications System (GTS) for modelers and forecasters
- Make data available via NCEI data services
 - DAP
 - TDS
 - HTTP
 - FTP

