

Matthew Harris
Supported Projects: (PCMDI, ESGF, UV-CDAT, AIMS)
Quarterly Report for April 1, 2017 – June 30, 2017

Quarter Accomplishments

- **PCMDI**
 - April:
 - 4 commits
 - Adding Peter to Team listing
 - Updating Ben's CV (2 times)
 - Adding Data for Ben
 - May:
 - 9 commits
 - Adding Ben's newest Data
 - Correcting Ben's Data
 - Updating file paths
 - Changing directory lay for Ben
 - June:
 - Reconfigured GitHub groups for Paul and Karl
 - 5 commits
 - Updating Ben's CV
 - Adding Ben's Fact Sheet
- **ESGF**
 - April:
 - 5 commits esgf.llnl.gov
 - Adding letters of support
 - Adding new T1 T2 pdf
 - Adding Files
 - Updated 2017 HR pdf
 - May:
 - ESGF DOE Review presentation review/work
 - ESGF DOE Review Presentation practice
 - 11 commits esgf.llnl.gov
 - updated welcome bar
 - updated nav and home page
 - added publications to publications page
 - corrected typo's, and layout issues
 - 2 commits icnwg.llnl.gov
 - added warning text
 - updated iframe with https (bar graph)
 - June:
 - 16 commits esgf.llnl.gov
 - Updating ESGF Brochure for Dean
 - Merging Sasha's changes
 - Adding presentations for DOE Review (~13)

- **UV-CDAT**
 - April:
 - Updated usage server to handle receiving request again
 - Created new usage database
 - Deployed new working version of usage
 - Tested usage with uv-cdat 2.10
 - Opened 3 pull requests
 - Updating Kendra's fork to match master
 - Correcting Kendra's fork to build
 - 7 commits usage
 - started Kendra's merge of changes
 - removed debug statements
 - fixed broken session tokens
 - updated requirements for server deploy
 - 2 commits uvcdat.llnl.gov
 - added streamline ipython notebook for Dan
 - May:
 - Started working on Data Explore for a Beta release
 - vCDAT Road map meeting <https://github.com/UV-CDAT/vcdat/wiki/Meeting-Notes>
 - Special UI meeting React vs Angular
 - Opened 1 issue vcdat
 - autorun.sh does not always load vcs
 - 2 commits usage
 - updating master to reflect production changes
 - updated log_event to allow saving
 - June:
 - Continued work on Data Explore
 - Working with Sandi / learning React (vcdat app)
 - Mac release out
 - Linux release in progress, vcs symlink issues
 - Opened 6 issues in vCDAT
 - Managed vcdat project board <https://github.com/UV-CDAT/vcdat/projects>
 - 2 reviewed pull requests usage
 - Code reviews for Kendra
 - 2 commits vcdat
 - cut early alpha
 - published to conda
 - 2 commits vcs-widgets
 - removing debug statements
 - cutting new release
 - 2 commits usage
 - string formatting for display
 - database error, on displaying table metadata
 - 1 commit uvcdat.llnl.gov
 - merging Dan's jupyter notebooks

- **AIMS**
 - April:
 - Was out for 2 weeks
 - Meeting with Kelly Ford, Sandi Updates
 - 1 commit aims.llnl.gov
 - adding in Y17Q1 QRs
 - 12 commits work journal
 - meeting notes, and daily work logs
 - May:
 - 16 commits work journal
 - meeting notes, and daily work logs
 - June:
 - 1 commit aims.llnl.gov
 - updating PCMDI homepage link
 - 21 commits work journal
 - meeting notes, and daily work logs

Next Quarter's Roadmap

- **PCMDI**
 - Web and server support
- **ESGF**
 - ESGF-DWT support
 - ESGF-SWT support
- **UV-CDAT**
 - vCDAT development (vcdat, vcs-widgets, vcs.js, vtkweb)
 - vCDAT Alpha release (mac, linux, windows)
 - vCDAT Project Board, and project tracking
 - uvcdat.llnl.gov updates
- **AIMS**
 - Sandi coop intern (vCDAT Build, Release, development)
 - Kendra coop intern (usage, code reviews)
 - Web and server support)
 - Chico State Recruiting Trip

Resource Required to Achieve Goals

- A faster desktop, the laptop from GS is just as slow as the one they replaced.
- More support / developers working on vCDAT to really gain traction.