

Denis, Nadeau
Supported Projects: (PCMDI)

Quarterly Report for January 1, 2016 – March 31, 2016

Quarter Accomplishments:

- January 2016
 - Create an SQL database Martin Jukes data request(dreq) XML file.
 - Create a database management system (DBMS) schema based on dreq XML file created by martin Jukes.
 - Create all necessary tables to create CMIP6 variables using CMOR version 3 from DBMS. Tables are automatically created using a in house developed python program. Tables are have a JSON file format that can be read from different system.
 - Release alpha version of CMOR3 on January 28th and advertise to Ben Evans, Mark Elkington and Martina Stockhouse.

- February 2016
 - Create Anaconda prototype to install and distribute CMOR version 3.0
 - Work on ezCMOR for obs4MIPs committee
 - Create some ocean examples
 - <https://github.com/PCMDI/ezCMOR/tree/master/testing/ocean>
 - Give some support about CMOR3 to meteo france (Stephane senesi)
 - Give some support about CMOR3 to NOAA (Sergei Nikonov)
 - Send information about some variable issues to Martin Jukes.
 - Start to work on the CMIP6 Validator program. I created a Control Vocabulary JSON file which is used to validate all Global Metadata found in the CMIP6 netCDF files.

- March 2016
 - Add new pressure levels to CMIP6 table as required
 - Participate to the Hackathon to compile UV-CDAT using anaconda.
 - Participate to the Big Data Tutorial organized by Timo Bremer at the lab.
 - Sent more variable issues to Martin Jukes.
 - Met and gave support to Jim Biard, Mthias Tuma and Peter Gleckler about obs4MIPs and ezCMOR.
 - Convert temperature ACME data to CMIP6 using CMOR for testing.

- I did 4 [December 2015]

I chair 3 AIMS meeting during the quarter.

I gave an presentation about Anaconda and CMOR version 3.0

I met with Eddy Bank

I met with Jamie Van Randwyk.

Next Quarter's Roadmap

- Publish and deliver CMOR version 3.0
- Publish and deliver CMIP6 Validator.
- Work with NASA on ezCMOR for obs4MIPs. Need to agree to have 1 repository where we can develop jointly.
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Resources Required to Achieve Goals

- No more resource is required at this time.