ES-DOC Weekly Telco

(caution: this pad may be reset after the meeting)

30 May 2017

previous minutes:

- https://earthsystemcog.org/site_media/projects/es-doc-models/minutes_170522.pdf [last telco]

present:

- Allyn
- Charlotte
- Chris
- David
- Eric
- Hans
- Mark E.
- Mark G.
- Martina

minutes:

- previous action items, etc.:
  - ALL: republish project-wide documents (including meeting minutes) under the official ES-DOC Google account (Mark G):
    - specialisation feedback
    - white paper
    - other model init/conformance spreadsheets (sample docs)
  - AT to change rendering of top-level model as per f2f discussion
  - AT & MG to provide text for Beta Testing instructions on Slack for Questionnaire & Notebook respectively
  - DH+EG: create/update all workflow diagrams & place on WordPress
  - MG add 3 missing models to CMIP5 viewer
  - AT + MG: CIM2 doc ingestion
  - EG to have CMIP Panel advertise specializations
    - postpone "operational" deadline to later
    - review text in wordpress / blog [TODO: set by MG, filled up by CB and EG on realm feedback process ]
  - MG: republish experiments
    - wait for page sync of versions of CMIP6 CV, Karl's spreadsheet (github), ES-DOC viewer
    - [was MG: create page under CMIP6 (called "controlled vocabularies") in order to record metadata synchronisation issues (and indicate which source is the master)]
  - CP: interface for CMIP6 metadata synchronisation issues
  - MG: further-info-URL landing page - F2F needed (in Hamburg)
  - MG / Dh: create HTML / PDF view of specialization (by/c MindMaps are not always intuitive)? [on going]
  - ME was concerned about adding content to the coupling section in order to record sufficient detail w/out breaking the generic property/value structure of the CIM; EG suggested that this sort of information belongs at the component (realm) level rather than the top-level; MG suggested storing this content separately in github w/ the ability to display it in the viewer.

- status reports:
  - Allyn
    - deployed next version of Q onto production server
    - (waiting for Cecelia to approve the release announcement)
    - main new features include...
      - dealing w/ "labels"
      - being able to open a particular document in the Q by either it's id or some combination of field values (like "canonical name" or whatever)
      - some improvements to the authentication system
      - some bug fixes for enumerations not working properly in read-only mode
      - just a lot of housekeeping; I closed about 50 tickets during the release
    - next bit of work is importing CIM2 documents into the Q...
      - where do these documents come from? [https://api.es-doc.org/2/document/search-id?project=my_project&idd=my_id&version=latest&client=NO_IDEA&encoding=json]
  - Charlotte
    - CMIP6 versioning of documentation WCRP CMIP/CMP6_CVs#28
    - CMIP6 visualisation of dependencies of key elements
      - https://docs.google.com/presentation/d/1zUPwhYo7Vf7bgjr7QTmCPx7garf24sCRKGqaVrBm8_E/edit#slide=id.p4
  - Chris
  - David
    - rebooted CMIP5 Q - 3 models not showing up in viewer (see slack:cmip6-models)
- started detailed instruction for liaison
- updating land surface & land ice realms as per comments
- integration of cdf2cim in to ESGF (with Ag et al.)
- Eric
- Hans
- Mark E.
- Mark G.
  - published experiments
  - BSC workshop - rather technical and young audience. Demo iPython CMIP6 notebook for ~15 people
  - TODO: create a sand box for beta testing
  - created "es-doc-institutional" organisation in github w/ repos per institute, w/ each institute having a cmip6 directory [https://github.com/ES-DOC-INSTITUTIONAL]
  - upcoming f2f (in Hamburg?) to discuss landing page. cdf2cim errata service?
- Martina

User Interaction:

Beta Testing
- beta testing will be a two-phase process: data entry & document publication
- TODO: DH: Identify liaisons from 3 new testing groups [in progress]
  - beta testing can begin before all 3 liaisons are in-place
  - TODO: organise telco to begin instructing liaisons on creation tools
- TODO: AT & MG to provide invitation email for model creation using Q & notebook respectively on Slack beta-testing channel [on-going]

Community Review & Support / Outreach
- TODO: article in EOS/BAMS (EG)
- proposed timeline for review of realms:
  - a - community review of first 5 realms until end of April ("top level": atmosphere, ocean, oceanBGC, sea-ice)
  - b - release of v1.0 of first 5 realms May 15th
  - c - draft version of last 4 realms ready April 15th
    - Land Surface, Atmos Chemistry, Land Ice, Aerosols
  - d - community review of last 4 realms until May 15th
  - e - release of v1.0 of last 4 realms by May 30th
- TODO: produce HTML page to render realms and add in realms table (MG)
- PI Report [https://docs.google.com/document/d/19joU2-FbWw3KxH9NcrqVQgYMyS5jy1rLOs6aMV9SWt/edit]
  - PI Telco to be called sometime after this

WordPress Site
- TODO: plan next ES-DOC news topic
- TODO: create a blog

Workflow Tools / Documents

Conformance
- DH creating 2 spreadsheets (on Slack conformance)
  - global defaults
    - [https://docs.google.com/spreadsheets/d/1qJxScJVA/BNKyHT9rnx9KfsspWb8GMc9g8b4ZKTo3jAo/edit]
  - per model/MIP
    - [https://docs.google.com/spreadsheets/d/1ZBt31ubzVts_EhTjcNQmnIFipldeEBvagPhYJ0kK/edit]
  - these will be autogenerated

Performance

Further Info URL
- TODO: landing page (MG)
- Explore F2F in Hamburg to flesh this out

Experiments
- when will the final version be ready? [TODO: EG to check w/ Karl]

Document Creation Tools

Questionnaire

Ipython Notebook
- TODO: MG to add separate validate / save / publish lines at the bottom of each notebook

Seeding Documents

Model configuration file to initialise
- example csv on slack: cmip6-models
- Review documentation in wordpress [DH]
- Will require human exchange with liaison to sync seeding
• Use simple and plain English (initialise rather than seeding)
  • master in es-doc/docs [MG]
  • TODO: clone in each modelling group repo and adapt following source_ID CMIP6 CV file [DH + MG]

• **CIM Schema & Specializations**

  • As per ME’s conversation last week, where are coupling details going to be stored? at the top-level? at the component (realm) level? in a separate config file? in github?

  • **top-level**
    • ME wants to add content to the coupling section in order to record sufficient detail w/out breaking the generic property/value structure of the CIM
      • EG: details of particular coupling fields may be better recorded at the component (realm) level
      • MG: alternatively store content in institute-specific github repository & display in the viewer

• aerosols
• atmosphere
• atmospheric chemistry
• land ice
• land surface
• ocean
• ocean biogeochemistry
• seaice
  • TODO: AT (w/ Ruth) to make requested changes

• **Operations**

  • HackPad is moving to Dropbox Paper; AT will coordinate move to Google Docs

• **Security**
  • [TODO: ALL to setup encrypted email via pgp - hold off]
  • TODO: republish project-wide documents under the official ES-DOC Google account

• **next ES-DOC Telco: Tuesday 06 June 2017**