ES-DOC Weekly Telco

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

22 May 2017

previous minutes:

- https://earthsystemcog.org/site_media/projects/es-doc-models/minutes_170505.pdf [last telco]

present:

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

minutes:

- previous action items, etc.:
  - ALL: to setup encrypted email via gpg
    - complicated - can we streamline it?
    - Or use private repo on github rather?
  - 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: ability to uniquely identify Q documents based on arbitrary fields
  - AT to investigate the status of document labels in the Q & the CIM
  - 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: create/update all workflow diagrams & place on WordPress
  - DH: identify ES-DOC liaisons for 3 new beta testing groups [done 2 of 3]
  - EG: to write about IS-ENES2 contribution to ES-DOC [under review] - done
  - 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]
  - 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)]
  - MG / DH: create HTML / PDF view of specialization (b/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. Tuning:
    - TODO: CMIP5 model seeding process
      - MG script ok for ocean

- status reports:
  - Allyn
  - Charlotte
    - CMIP6 versioning of documentation WCRP CMIP/CMIP6 CVs#28
    - CMIP6 visualisation of dependencies of key elements
      - https://docs.google.com/presentation/d/1zUPwHyolVlfbgjr7QTmCPx7garf24sCRKGqavBm8_E/edit#slide=id.p4
  - Chris
  - David
  - Eric
  - Hans
  - Mark E.
  - Mark G.
  - 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]
- TODO: AT & MG to provide invitation email for model creation using Q & notebook respectively on Slack beta-testing channel [on going]
- TODO: draft model configuration csv file (EG + MG) on Slack

**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 Chem, Land Ice, Aerosols
      - David and Eric to lead, Charlotte to identify experts for Atmos Chem and 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-FbWW3KxBNG-rVgwYMYs5Jy1rLQ66aMv95Wf/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/1qJSxCJAVBNKyHT9rxg9Kfs3pW8GmC9g8b4ZKTo3JAo/edit]
    - per model/MIP
      [https://docs.google.com/spreadsheets/d/1ZBt31ubyZvtS_EhTjycNQmlfPiplDeBVagPhYJ0k/edit]
  - these will be autogenerated

- **Performance**

- **Further Info URL**

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

**Document Creation Tools**

**Questionnaire**

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

**Seeding Documents**

**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
- sea ice

**Operations**
- HackPad is moving to Dropbox Paper; AT will coordinate

**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*: 22 May 2017