ES-DOC Weekly Telco

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

02 May 2017

previous minutes:

- https://earthsystemcog.org/site_media/projects/es-doc-models/minutes_171003.pdf [last telco]

present:

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

minutes:

- previous action items, etc.:
  - ALL: update WordPress site [done?]
  - ALL: review white paper [no longer needed?]
  - ALL: to setup encrypted email via pgp
  - ALL: republish project-wide documents under the official ES-DOC Google account (Mark G) [dependent on above]
  - 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
  - DH: create/update all workflow diagrams & place on WordPress (main workflow, liaison-specific work, conformance, other?) [main workflow not done, draft of conformance done, liaison still todo]
  - DH+ review by CP: create stage 1 conformance table
  - DH: identify ES-DOC liaisons for 3 new beta testing groups [planning on doing this Friday]
  - MG: create help email address [done]
  - MG to add separate validate / save / publish lines at the bottom of each notebook [done]
  - MG: setup infrastructure for liaisons to use institute-specific github repositories for conformance (and other documents) [done]

- status reports:
  - Allyn
    - reorganizing deployments
    - updated WP site w/ documentation about Q & CIM
  - next on agenda:
    - **TODO**: ability to uniquely identify Q documents based on arbitrary fields (supports the further_info_url use-case)
    - **TODO**: import / copy existing documents (intending to do this w/ pyesdoc)
    - Ruth has been testing Q...
- ...others looked at various CIM documents in the Q during the f2f
  - this exposed some "features" of the CIM; **TODO:** AT to coordinate changes
to Q customizations, CIM Schema, CIM Specializations as needed (see
below)
- Charlotte
  - responding to issues raised by the AerChemMIP re experiment descriptions
    [WCRP CMIP/CMIP6_CVs#316](#)
- Chris
- David
  - have ES-DOC liaisons from about 1/2 of institutes, giving rest till the end of the
    week
  - changed radiative forcing specialization based on input from CP
  - met w/ Steve George re: land ice specialization
- Eric
  - **TODO:** ES-ENES2 contribution to ES-DOC - 2 paragraphs
- Hans
- Mark E.
  - need to record coupling in sufficient detail
  - not sure where that content goes?
    - MG: institute-specific github repository
    - MG: this content could be displayed in the viewer
  - ran into inconsistencies w/ experiment variables among different metadata
documents (CV variables, ES-DOC representation, & data request); how to
synchronise this
    - **TODO:** this needs to be brought to the attention of the WIP
    - **TODO:** document this in WordPress site (see notes below)
- Mark G.
  - setting up institute-specific github repositories
  - gave talk at EGU
  - experiment spreadsheet was updated; **TODO:** MG to republish
- 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
- **TODO:** AT & MG to provide invitation email for model creation using Q & notebook
  respectively on Slack beta-testing channel
- **TODO:** draft model configuration csv file (EG + MG) on slack

**Community Review & Support / Outreach**
- **TODO:** MG to create HTML view of specialization
- **TODO:** EG: article in EOS/BAMS
- **TODO:** review github infrastructure for liaisons to use institute-specific repositories for
  conformance (and other documents)
- **white paper** has been sent; revision & community review can begin
- 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
      - 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
- Pi Report [https://docs.google.com/document/d/19joU2-FbWW3KxBNG-rVgwYMYs5Jy1rLO56AaMV9SWtl/edit]
  - PI Telco to be called sometime after this

- **WordPress Site**
  - **TODO:** plan next ES-DOC news topic
  - **TODO:** create page under CMIP6 (called "controlled vocabularies") in order to record synchronisation issues as described above (and indicate which source is the master)

- **Workflow Tools / Documents**

- **Conformance**

- **Performance**

- **Further Info URL**
  - requires ability for Q to uniquely identify document based on value of arbitrary field (including guid)

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

- **Document Creation Tools**

- **Questionnaire**
  - **TODO:** AT to investigate the status of document labels
  - **TODO:** AT to change rendering of top-level model as per f2f discussion

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

- **Seeding Documents**

- **CIM Schema & Specializations**

  - **TODO:** AT/DH/EG to update Q customizations / CIM Schema / CIM Specializations (for sea-ice & ensembles) as per f2f discussion; AT will coordinate
  - **TODO:** EG have CMIP Panel advertise specializations

- **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**

- **Operations**

  - HackPad is migrating to Google Paper; **TODO:** AT to manage this
• **Security**
  - **TODO**: ALL to setup encrypted email via pgp
    - **TODO**: AT to send instructions for users of gmail / thunderbird
  - **TODO**: republish project-wide documents under the official ES-DOC Google account

*next ES-DOC Telco: 08 May 2017*