ES-DOC Weekly Telco

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

08 May 2017

previous minutes:
- https://earthsystemcog.org/site_media/projects/es-doc-models/minutes_170205.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 pgp
  - ALL: republish project-wide documents (including meeting minutes) under the official ES-DOC Google account (Mark G)
  - AT: migrate HackPad to Dropbox Paper
  - 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
  - EG to have CMIP Panel advertise specializations
  - MG: republish experiments
  - MG: setup github infrastructure for liaisons to use institute-specific repositories
  - MG / DH: create HTML / PDF view of specialization (b/c MindMaps are not always intuitive)?
  - MG: create page under CMIP6 (called "controlled vocabularies"?) in order to record metadata synchronisation issues (and indicate which source is the master)
  - 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
  - TODO: CMIP5 model seeding process
    - MG script ok for ocean
- status reports:
  - Allyn
    - have been systematically going through tickets in preparation for a formal release; able to close loads (hundreds!) of them
    - 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)
    - Q can support CIM labels, but not all CIM classes have labels associated w/ them
    - TODO: AT to change the CIM appropriately, then confirm his changes w/ the ES-DOC team
    - various issues w/ Q, CIM Schema, & CIM Specializations are being uncovered as testing continues;
      - TODO: AT to coordinate any necessary changes
  - Charlotte
    - presenting experiments to colleagues
    - TODO: review of realms (aerosols & atmospheric chemistry); DH to review as well
Chris
David
  • TODO: review of realms (aerosols & atmospheric chemistry); CP to review as well
  • draft of overview workflow for scientists available in “cmp6-workflow” channel on Slack
  • TODO: overview workflow for liaisons still in-progress
  • colleague at IPSL can review these

Eric
  • send reminder for community review
  • TODO: to write about IS-ENES2 contribution to ES-DOC

Hans
Mark E.
Mark G.
  • TODO: draft model config. file
  • funding:
    • decentralised autonomous organisation on a crowdfunding platform, funded by "tokens" (similar to shares)
    • EG: modeling groups / institutes ought to be the target funders

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
  • 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 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
  • TODO: produce html page to render realms and add in realms table (MG)
  • PI Report [https://docs.google.com/document/d/19oU2-FbWW3KxBNG-rvqwYMYs5Jv1tLOS6AaNy95W8/edit]
    • PI Telico to be called sometime after this

• WordPress Site
  • TODO: plan next ES-DOC news topic
  • TODO: DH to upload conformance workflow diagram
  • TODO: DH to upload performance workflow diagram

• Workflow Tools / Documents

• Conformance
  • DH creating 2 spreadsheets (on Slack conformance)
    • global defaults
      [https://docs.google.com/spreadsheets/d/1qJSxCJAVB1KryHT9rxg9Kfs3pW8GmC9g8b4ZKto3jAo/edit]
    • per model/IMIP
      [https://docs.google.com/spreadsheets/d/1Zbt31ubyZvtS_EhTjycNQmIfPiplkdeBVagPhYJ0k/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**

• **IPython 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**

• **seaice**

• **Operations**

  HackPad is moving to Dropbox Paper: AT will coordinate

• **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**: 15 May 2017