

CGNS Steering Committee Telecon Minutes  
01 December 2010

- 1) The telecon was called to order at 11:00 AM eastern time. There were 7 attendees, listed in Attachment 1.
- 2) The minutes of the 20 October 2010 telecon were approved.
- 3) Discussion of Documentation Issues
  - a) For a short-term solution, Iannetti will attempt to get Rumsey an account, so that two people will have access to making doc changes.
  - b) Long-term possibilities: move to different computer outside of Glenn, move to SourceForge, make use of Windows CHM files. TBD later.
- 4) Status of previous action items
  - a) Hauser and Pointot to insure that all of V2.5 latest corrections make it into V3, and also to correct and commit `cgio_get_link` bug fix and `cg_elements_partial_read` bug fix.
    - i) Only a minor make issue remains. Recommendation was made, voted on, and carried for Hauser to make the next announced release the first official V3 release (i.e., take off of beta status). Also to make new bundled tarball.
  - b) Wedan, Hauser, and Pointot to coordinate fix of 32-bit integer limit issue.
    - i) In process... Wedan is doing it.
  - c) Iannetti to implement Hann's document changes.
    - i) Carries
  - d) Hauser to email to committee asking for a vote to approve the SIDS-to-Python mapping.
    - i) Carries... need to put in same format as other mapping documents first.
  - e) Hauser to correct bundled tarball for V3.0 and let the committee know when done.
    - i) Superseded by (a) above.
  - f) Rumsey to add links to beta and parallel code on website, after bundled tarball is corrected.
    - i) Carries... depends on completion of tarball.
  - g) Wedan to look into issue of need for `partial_read` functionality with low memory usage (identified by Bussoletti in CGNSTalk, 3/25/10).
    - i) Code has been trimmed as much as possible... also, this is only an issue for mixed datasets. Action item removed.
  - h) Jiao to fix bug that he identified 3/9/10 in CGNSDLL int `cg_field_read` prior to release of V3.0.
    - i) Done.
  - i) Hauser to update website "Download" page, including making list of what is new in V3.0 compared to V2.5 – including new MLL calls/changes, and send to Rumsey to post on website.
    - i) Combined with (n) below.

- j) Duque and Hauser to continue to look into the consortium idea for CGNS, including more active support of HDF-5 consortium. Also look into applying to NSF software infrastructure for sustained innovation.
    - i) Carries
  - k) Poinot to split Rigid Motion Proposal into 2 parts: part associated to families can be accepted/implemented right away.
    - i) Carries
  - l) Iannetti to develop starting point for proposal for handling sprays of unconnected points, and work with Hauser and Duque to bring it to fruition.
    - i) Carries
  - m) Iannetti to post changes to MLL calls for V3.0 (e.g., `is_cgns`, `cg_section_partial_write`, `cg_element_partial_write`) to V3 (beta) docs pages.
    - i) Carries
  - n) Wedan to document `cg_io` replacement calls to ADF and send to Rumsey and Iannetti.
    - i) Carries
  - o) Wedan to look into the problem with the 64-bit `cg_goto_f`.
    - i) Carries
  - p) Iannetti to post new tutorial slides on the website.
    - i) Carries
  - q) Hauser to tar up the docs (developer's documentation) which are part of the release and send to Iannetti for posting.
    - i) Carries
  - r) Hauser to contact Iannetti at NASA Glenn and discuss the issue of needing more access for making changes/additions/updates to documentation. Possibly give Rumsey access, or else move docs to Sourceforge.
    - i) Done
  - s) Hauser to coordinate V3.0 work between Wedan, Poinot, Jiao, and himself in a conference call.
    - i) Done
- 5) Committee business: Vote to replace SimCosm with Computational Engineering Solutions (Wedan's new company) on Steering Committee. Passed.
- 6) Next Telecon is tentatively set for Wed, Jan 26, 2011, 11 am eastern.
- 7) Summary of **action items**:
- a) Regarding documentation, for a short-term solution, Iannetti will attempt to get Rumsey an account, so that two people will have access to making doc changes.
  - b) Recommendation was made, voted on, and carried for Hauser to make the next announced release the first official V3 release (i.e., take off of beta status) after fixing minor "make" issue, and also create new bundled tarball.
  - c) Wedan to fix 32-bit integer limit issue.

- d) Iannetti to implement Hann's document changes.
- e) Hauser to email to committee asking for a vote to approve the SIDS-to-Python mapping.
- f) Rumsey to add links on website, after bundled tarball is corrected.
- g) Duque and Hauser to continue to look into the consortium idea for CGNS, including more active support of HDF-5 consortium. Also look into applying to NSF software infrastructure for sustained innovation.
- h) Poinot to split Rigid Motion Proposal into 2 parts: part associated to families can be accepted/implemented right away.
- i) Iannetti to develop starting point for proposal for handling sprays of unconnected points, and work with Hauser and Duque to bring it to fruition.
- j) Iannetti to post changes to MLL calls for V3.0 (e.g., `is_cgns`, `cg_section_partial_write`, `cg_element_partial_write`) to V3 docs pages, and Rumsey to summarize important changes on website.
- k) Wedan to document `cg_io` replacement calls to ADF and send to Rumsey and Iannetti.
- l) Wedan to look into the problem with the 64-bit `cg_goto_f`.
- m) Iannetti to post new tutorial slides on the website.
- n) Hauser to tar up the docs (developer's documentation) which are part of the release and send to Iannetti for posting.

Attachment 1: Attendees

Steve Allmaras  
Richard Hann  
Thomas Hauser  
Tony Iannetti  
Simon Pereira  
Chris Rumsey  
Bruce Wedan

Boeing  
ANSYS-CFX  
Northwestern University  
NASA Glenn  
ANSYS-ICEM CFD  
NASA Langley  
Computational Engineering Solutions