

CGNS Steering Committee Telecon Minutes
02 March 2011

- 1) The telecon was called to order at 11:00 AM eastern time. There were 5 attendees, listed in Attachment 1.
- 2) The minutes of the 02 February 2011 telecon were approved.
- 3) Status of Version 3.1
 - a) Version 3.1 has been released. Most documentation has also been updated. (The main documentation missing at this point is for `cg_io`, which is a replacement for where one would have used ADF directly in the past; it gives easier low level access). Rumsey to coordinate another CGNSTalk announcement touting the new release.
 - b) Wedan feels that the release should be tagged. Hauser to tag the 3.1 release on SourceForge and let Wedan and Rumsey know how it is done.
 - c) HDF5 is now the default (as long as the code is compiled with HDF5 Version 1.8 or greater support). ADF files will continue to be supported.
 - d) Hann identified an issue he had previously with `cg_goto`. Hann will provide details regarding previous problem he had with `cg_goto` to Wedan, Hauser, and Rumsey.
- 4) Documentation issues
 - a) Poinot's SIDS-to-Python mapping was approved with a vote of 8 to 0. Rumsey to post SIDS-to-Python document to the website (for now just as a PDF file).
- 5) Status of previous action items
 - a) Wedan to coordinate with Rumsey on V3.1 release so the documentation can be appropriately updated.
 - i) Done
 - b) Wedan to move PYRA_13 order to come after MIXED.
 - i) Done
 - c) Rumsey to mention on website download page that if building CGNS with an HDF5 version earlier than 1.8, then links will not work for the HDF5 files.
 - i) Done.
 - d) Bussoletti to name new Boeing steering committee representative.
 - i) Carries.
 - e) Hauser and Rumsey will discuss long term ideas for hosting the documentation, so that it would be easier for all developers to access it.
 - i) Rumsey to add all CGNS documentation to SVN on Sourceforge. For now we will continue to keep the documentation on the Glenn server, but we will maintain it under SVN on Sourceforge.
 - f) Rumsey will document Hann's changes.
 - i) The issue of `CG_Null` and `CG_UserDefined` being equivalent to `xxxNull` and `xxxUserDefined` has already been documented on

<http://www.grc.nasa.gov/WWW/cgns/midlevel/general.html#typedefs>.

Hann made it clear that the documentation is adequate providing that CG_Null stays consistent with each and every value xxxNull. This isn't enforced in the header file although it is ok providing no entry is inserted before it in the enum definition (in Version 2 of the code) or the first value changes its value from 0 (Version 3).

- g) Votes by committee on SIDS-to-Python mapping due Feb 18.
 - i) Done.
 - h) 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.
 - i) Rumsey to post Poinot's new CPEX proposals to the website, and Hauser to ask for a vote.
 - i) New CPEX 0033, 0034, 0035 have been posted. Hauser to call for a vote for new CPEX 0033, 0034, 0035.
 - j) 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) Iannetti has put forward a proposal. Hauser, Duque, and Iannetti to continue to develop Iannetti's proposal for handling sprays of unconnected points.
 - k) Wedan to document cg_io replacement calls to ADF and send to Rumsey and Iannetti.
 - i) Carries.
 - l) Wedan to look into the problem with the 64-bit cg_goto_f
 - i) This is probably a problem with use of the pgi Fortran compiler. The command line option may be promoting const integers to integer*8. Wedan will look at it some more. Carries.
- 6) Next Telecon is tentatively set for Tue, April 12, 2011, 11 am eastern.
- 7) Summary of **action items**:
- a) Rumsey to coordinate another CGNSTalk announcement touting the new release.
 - b) Hauser to tag the 3.1 release on SourceForge and let Wedan and Rumsey know how it is done.
 - c) Hann will provide details regarding previous problem he had with cg_goto to Wedan, Hauser, and Rumsey.
 - d) Rumsey to post SIDS-to-Python document to the website (for now just as a PDF file).
 - e) Rumsey to add all CGNS documentation to SVN on Sourceforge.
 - f) Bussoletti to name new Boeing steering committee representative.
 - 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) Hauser to call for a vote for new CPEX 0033, 0034, 0035.
- i) Hauser, Duque, and Iannetti to continue to develop Iannetti's proposal for handling sprays of unconnected points.
- j) Wedan to document `cg_io` replacement calls to ADF and send to Rumsey and Iannetti.
- k) Wedan to continue to look into the problem with the 64-bit `cg_goto_f`.

Attachment 1: Attendees

Richard Hann
Thomas Hauser
Tony Iannetti
Chris Rumsey
Bruce Wedan

ANSYS/CFX
University of Colorado
NASA Glenn
NASA Langley
Computational Engineering Solutions