

CGNS Steering Committee Telecon Minutes  
25 September 2012

- 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 24 April 2012 telecon were approved.
- 3) Status of previous action items
  - a) Hauser and Duque 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, possibly related to data management plan.
    - i) Carries.
  - b) Hauser, Duque, and Iannetti to continue to develop Iannetti's proposal for handling sprays of unconnected points.
    - i) Carries.
  - c) Wedan to add a flag node to indicate whether a file is using I4 or I8 (along with MLL call to access it).
    - i) Carries.
  - d) Hauser to draft a survey to users asking about current status of CGNS, if there is anything particular missing or needed, as well as what are participation barriers; then email to steering committee for comment.
    - i) Done... emailed to Steering Committee during the telecon.
  - e) Poinot to track down and correct the latest HDF5 linking issue.
    - i) In process. A bug report was made with the HFD5 group (bug report HDFS-8078) in June. But it appears that they cannot easily fix it, and it may be best for us to use CLOSE\_WEAK flag instead of CLOSE\_STRONG. Poinot will evaluate this option prior to changing.
    - ii) Rumsey to add a "known bugs" comment about HDF5 link issue on the website.
- 4) Other discussion:
  - a) During 1<sup>st</sup> quarter of 2012, Wedan made commits to the SVN repository (mostly under labels related to v3.2) as a part of recent contract work. The work included bringing the CGNS parallel capability fully into the official version. However, a new official release to 3.2 was not made at the time, and no one has been able to contact Wedan over the last 5 months to learn the status. Therefore, it now falls to the Steering Committee to attempt to bring the work committed to fruition. This includes testing, checking the documentation, and releasing. During the telecon, the five attendees present did not come up with a plan for accomplishing this task. It seems that the some effort by the Steering Committee as a whole is required. Hauser and Alonso will start to look at and evaluate the new parallel capability in the SVN repository, with a goal to report if it is ready for release.

- b) Rumsey mentioned that Hauser’s extra year as chairman is coming to an end in January. We typically have difficulty finding a volunteer to assume this important leadership role. A discussion was held regarding the problem of generally poor attendance and activity of CGNS Steering Committee members. CGNS is still very widely used, but is becoming “mature” so it does not seem that there is much to be done for it. However, several attendees noted that parallel I/O is still a critical need that should be addressed ASAP. Also, regular maintenance is always necessary, and new capabilities such as high-order are needed in the near future. So regular attention and activity by the committee is still important.
  - c) Hauser discussed the possibility of holding a CGNS meeting at the AIAA ASM in January 2013. Alonso agreed it was a good idea, and said he would contact the AIAA general chair about it. Hauser to decide about CGNS meeting at AIAA ASM meeting and set up time with AIAA if needed.
  - d) Hauser to finalize the CGNS survey based on feedback from committee members, and email out to CGNSTalk.
- 5) Next Telecon is tentatively set for Tues, October 23, 2012, 11 am eastern. A confirmation email will be sent prior to the meeting.
- 6) Summary of **action items**:
- a) Hauser and Duque 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, possibly related to data management plan.
  - b) Hauser, Duque, and Iannetti to continue to develop Iannetti’s proposal for handling sprays of unconnected points.
  - c) Wedan to add a flag node to indicate whether a file is using I4 or I8 (along with MLL call to access it).
  - d) Poinot to track down and correct the latest HDF5 linking issue.
  - e) Rumsey to add a “known bugs” comment about HDF5 link issue on the website.
  - f) Hauser and Alonso will start to look at and evaluate the new parallel capability in the SVN repository, with a goal to report if it is ready for release.
  - g) Hauser to decide about CGNS meeting at AIAA ASM meeting and set up time with AIAA if needed.
  - h) Hauser to finalize the CGNS survey based on feedback from committee members, and email out to CGNSTalk.

Attachment 1: Attendees

Juan Alonso  
 Thomas Hauser  
 Scott Imlay  
 Simon Pereira  
 Chris Rumsey

Stanford University  
 University of Colorado  
 Tecplot, Inc.  
 ANSYS / ICEM CFD  
 NASA Langley