

CGNS Telecon Minutes

Tuesday, 08 December 2015, 10:00am Eastern Time

1. The meeting was called to order by ZJ Wang at 10:05am eastern time. Attendees are listed in Appendix A.
2. Oct 20, 2015 minutes were approved as published on the website.
3. Steering committee issues:
 - a. Committee members (telecon last date attended):
 - a. Airbus 12/15
 - b. ANSYS 12/15
 - c. Boeing 9/15
 - d. Colo State 12/15
 - e. GE 10/15
 - f. HDF 12/15
 - g. IL 5/15
 - h. NASA LRC 12/15
 - i. ONERA 10/15
 - j. Pointwise 10/15
 - k. P&W 10/15
 - l. Tecplot 12/14
 - m. TTC 12/14
 - n. U Colo 12/15
 - o. U Kansas 12/15
 - b. Stanford decided to withdraw from active CGNS steering committee membership, but they are still interested and can volunteer to be testers as needed. We now have 15 official Steering committee members.
 - c. All steering committee members are still encouraged to get atlassian accounts, so they can monitor CGNS software bugs & issues. Do so at: <https://cgnsorg.atlassian.net/admin/users/signup>. The site is then accessed via: <https://cgnsorg.atlassian.net>.
4. Discussion
 - a. Code release status
 - i. Breitenfeld has released 3.3.0-rc1 (release candidate 1). Steering committee members are encouraged to test it. [Breitenfeld to email to CGNSTalk describing where the current test suites are, and how to run them.](#)
 - ii. There are 2 main outstanding issues prior to release: (1) parallel issue of failure when writing many zones with dimension greater than 3; (2) problem with cmake.
 - iii. The “include cgnslib_f.h” for Fortran has been removed. Fortran users must now use the appropriate module via “include cgns” instead. Rumsey added notes to the website notifying users of this change, effective V3.3.0.
 - iv. For parallel, removed queuing and flush calls.
 - v. Breitenfeld made some cosmetic changes to the API docs (in develop branch): so that input and output colors are consistent (no longer special for cgsizet).
 - vi. Atlassian is now being used for bug & feature tracking.
 - vii. CGNS testing is now being done daily at HDF; will add testing for windows after the next release.
 - viii. New alpha release of HDF5 is planned for January 2016 timeframe.

- ix. Question asked about previous parallel problems (slowness due to metadata reads/writes) – Breitenfeld said it should be much improved now; but if still an issue, it would help to have a small code to demonstrate the problem.
5. Review action items
 - a. Guzik to implement CPEX 40 into MLL and revise the SIDS HTML docs appropriately.
 - i. Action carries.
 - b. Breitenfeld and Rumsey to add other existing codes to the testing suite, including UserGuideCode.
 - i. Done.
 - c. Breitenfeld will remove usage of “include ‘cgnslib_f.h’” from future releases; new requirement is “use cgns”.
 - i. Done.
 - d. Breitenfeld will investigate existing issue of write error with high-rank array.
 - i. Action carries.
 - e. All steering committee members are encouraged to get atlassian accounts, so they can monitor CGNS software bugs & issues.
 - i. We currently have 12 committee members (out of 15) signed up.
 6. New business
 - a. Question of whether we plan to hold a CGNS face-to-face meeting at AIAA SciTech in San Diego in January 2016. Rumsey to send email to committee while at SciTech, for an optional informal get-together, time and location to be decided on-site.
 7. Ongoing Action Items
 - a. Guzik to implement CPEX 40 into MLL and revise the SIDS HTML docs appropriately.
 - b. Breitenfeld will investigate existing issue of write error with high-rank array.
 - c. Breitenfeld to email to CGNSTalk describing where the current test suites are, and how to run them.
 - d. Rumsey to add news post and email to CGNSTalk regarding Pointot’s upcoming AIAA talk at SciTech in San Diego.
 8. The next meeting is tentatively scheduled for Tuesday, 1 March 2016 at 10am Eastern.
 9. Adjourn

Appendix A – Attendees

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| Scot Breitenfeld | HDF Group |
| Simone Crippa | Airbus |
| Stephen Guzik | CSU |
| Thomas Hauser | U Colorado |
| Chris Rumsey | NASA LaRC |
| ZJ Wang | Kansas U |
| Ulrike Wolf | ANSYS Germany |