CGNS Steering Committee Telecon Minutes
20 October 2010

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 10 June 2010 telecon (as posted on the website) were approved. The minutes of the 08 September 2010 telecon (as emailed to committee members) were approved.

3) Discussion of Documentation
    a) Current process of housing all documentation at NASA Glenn was questioned, because it all relies on only one person, and others have no access for making changes/additions/updates.
    b) Possiblility of moving documentation to Sourceforge was discussed. Problem: filespace limitations at Sourceforge.
    c) 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.

4) Status of V3.0
    a) Hauser to coordinate V3.0 work between Wedan, Poinot, Jiao, and himself in a conference call.
    b) Jiao was added as a Sourceforge developer. He has made some changes to V3 that he will check in, including (1) allowing use of an older version of HDF5, (2) allowing the writing of a V2.5 version output (so it can be read by tools like Tecplot), and (3) some bug fixes.
    c) Jiao is particularly interested in helping to develop the parallel CGNS. He and Hauser think that NSF might fund such an effort.
    d) Poinot's latest SIDS-to-Python mapping was sent to committee members. Hauser still needs to email all members to ask them to read it and vote on it.

5) Status of previous action items
    a) Hauser and Poinot to insure that all of V2.5 latest corrections make it intoV3.0, and also to correct and commit cgio_get_link bug fix and cg_elements_partial_read bug fix.
        i) Carries
    b) Wedan, Hauser, and Poinot to coordinate fix of 32-bit integer limit issue.
        i) Carries
    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

e) Hauser to correct bundled tarball for V3.0 and let the committee know when done.
    i) Carries
f) Rumsey to add links to beta and parallel code on website, after bundled tarball is corrected.
    i) Carries
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) Carries
h) Hauser to fix bug identified by Jiao 3/9/10 in CGNSDLL int cg_field_read prior to release of V3.0.
    i) This action item will now be done by Jiao
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) Carries
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) Hauser to email descriptions and instructions regarding HDF-5 parallel code under SVN at Sourceforge to Rumsey for posting on website.
    i) Decided that sufficient instructions already included with download. Action item cancelled.
m) 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
n) 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
o) Wedan to document cg_io replacement calls to ADF and send to Rumsey and Iannetti.
    i) Carries
p) Wedan to look into the problem with the 64-bit cg_goto_f.
    i) Carries
q) Iannetti to post new tutorial slides on the website.
    i) Carries
r) Hauser to tar up the docs (developer's documentation) which are part of the release and send to Iannetti for posting.
    i) Carries

6) No meeting will be scheduled for the AIAA Orlando conference. Next Telecon is tentatively set for Wed, Dec 1, 2010, 11 am eastern.

7) Summary of **<u>action items</u>**:

a) Hauser and Poinot to insure that all of V2.5 latest corrections make it intoV3.0, and also to correct and commit cgio_get_link bug fix and cg_elements_partial_read bug fix.

b) Wedan, Hauser, and Poinot to coordinate fix of 32-bit integer limit issue.

c) Iannetti to implement Hann's document changes.

d) Hauser to email to committee asking for a vote to approve the SIDS-to-Python mapping.

e) Hauser to correct bundled tarball for V3.0 and let the committee know when done.

f) Rumsey to add links to beta and parallel code on website, after bundled tarball is corrected.

g) Wedan to look into issue of need for partial_read functionality with low memory usage (identified by Bussoletti in CGNSTalk, 3/25/10).

h) Jiao to fix bug that he identified 3/9/10 in CGNSDLL int cg_field_read.

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.

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.

k) Poinot to split Rigid Motion Proposal into 2 parts: part associated to families can be accepted/implemented right away.

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.

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.

n) Wedan to document cg_io replacement calls to ADF and send to Rumsey and Iannetti.

o) Wedan to look into the problem with the 64-bit cg_goto_f.

p) Iannetti to post new tutorial slides on the website.

q) Hauser to tar up the docs (developer's documentation) which are part of the release and send to Iannetti for posting.

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.

s) Hauser to coordinate V3.0 work between Wedan, Poinot, Jiao, and himself in a conference call.

Attachment 1: Attendees

Steve Allmaras	Boeing
Thomas Hauser	Northwestern University
Jim Jiao	Stonybrook University
Leigh Lapworth	Rolls Royce
Chris Rumsey	NASA Langley