2022-7-19 Meeting notes

Date

19 Jul 2022, 10:00 AM EST (US)

Participants

- @ Scot Breitenfeld @ Vicky Moschou Scott Imlay 🌟 @ David Gutzwiller @ Simone Crippa @ Tobias Leicht @ Gregory Sjaardema @ David Gutzwiller @ Stephen Guzik 7 @ dmitry.s.kamenetskiy @ Tony Garratt @ Patrick Baker @ Earl P Duque @ ZJ Wang 🌟 @ Christopher Rumsey @ Matthias Möller @ Pierre-Jacques Legay Kamenetskiy, Dmitry S @ Mickael PHILIT @ Marc Poinot @ Koen Hillewaert • Giorgos Strofylas (BETA CAE)
- n attendance

Steering Committee Issues

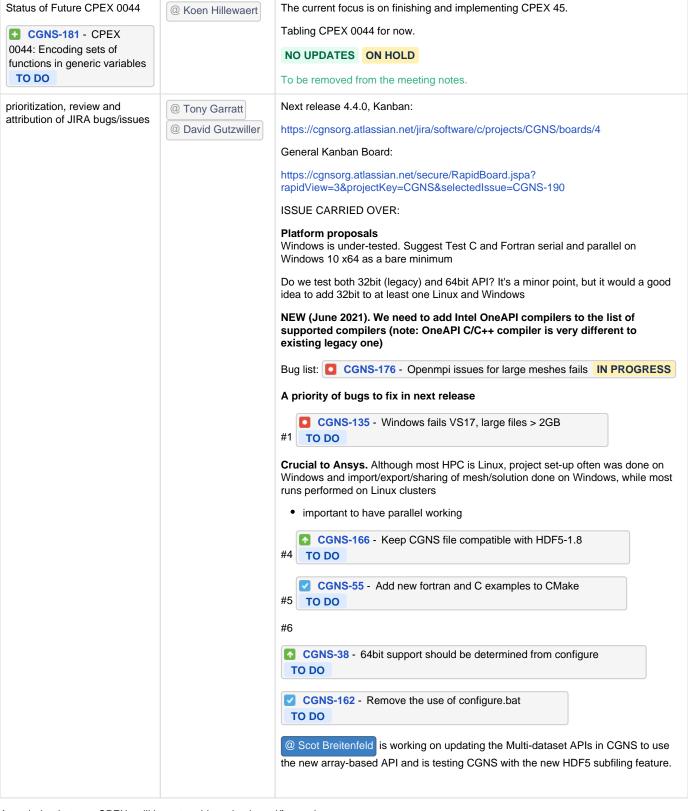
@ Scot Breitenfeld to update the web page, removing CU-Boulder from Steering Committee.

Note: Numeca (now Cadence) is looking for a new representative.

Discussion topics

Item	Presenter	Notes
Approve 2021/3/29 minutes.	@ Scot Breitenfeld	post last meeting's minutes to CGNS webpage. Approved

high-level editing tools for the	More Prince	Help needed to divide the remaining tasks:
documentation page	Marc Poinot Christopher Rumse	yhttps://github.com/CGNS/cgns.github.io/projects/1
	@ Christopher Rumse	
		The documentation goes into the source using Doxygen. This work uses the "Doxygen" branch. Examples are given for cg_open and cg_version. The aliases used for repeated variable descriptions are in src/Doxygen/Doxygen.config. We need volunteers to help with translating the remaining APIs to Doxygen.
		 A link to the new website is provided on the main cgns web page: https://cgns.github.io/cgns-modern.github.io/index.html All the MLL APIs have Doxygen entries, the cgio APIs need to be done next. An automatic generation of the website through GitHub action is done.
		Still in progress.
Converting CGNSTalk archive to Github Discussion Posts	@ Scot Breitenfeld	Started converting the CGNSTalk archive to GitHub discussion posts.
		Still in progress, the plan is to have it finished by the next meeting.
Discussion Topic	@ ZJ Wang	Short discussion on past AMR CPEX (0008) and whether AMR should be revisited as a feature supported CGNS. Some groups may be already using CGNS with AMR, but not known for certain. The need for AMR support in CGNS is unknown.
		@ Vicky Moschou @ Tobias Leicht @ ZJ Wang to discuss progressing CPEX 0008.
Status update on Accepted CPEX #0045	@ Koen Hillewaert	The branch CPEX45_high_order has not been updated since Feb 25, 2020. An update from <a> Koen Hillewaert on the status is needed.
CGNS-182 - CPEX 0045: Polynomial Data and Curved Grid Elements		Scot Breitenfeld will follow up with @ Koen Hillewaert to find out the status.
IN PROGRESS		@ Scot Breitenfeld will email committee an update, and @ Tobias Leicht may take over the discussion if needed.
		@ Koen Hillewaert will start working on it soon, and @ Tobias Leicht has offered to help when, or if needed.
Discussion Topic	@ Mickael PHILIT	Proposal to have Monitoring numerical probes description to the standard. Some groups may already use CGNS to do that, but there is a need to have a shared approach.
		Committee needs to review the proposal and provide feedback. © Scot Breitenfeld to send out a reminder.
		CGNS-272 - Add support for Monitoring probes in CGNS TO DO
		Some feedback received. Did not have time to improve the proposal.
		Will take feed back from meeting and present an updated CPEX at the next meeting.
Status update on Accepted CPEX #0047 Proposed Data	@ Mickael PHILIT	Working on the new website before creating a new development branch to prevent duplicating efforts.
integration Points		Started prototyping with python and C and will push a branch on GitHub in the upcoming weeks. (The "C" branch is a slow work in progress)
		Is now in a branch on GitHub.
Status of Future CPEX 0046	@ Thomas Hauser	There is no one available to move forward with the CPEX. @ Scot Breitenfeld will
CGNS-183 - CPEX 0046: Particle Data TO DO		remove it from the discussion topics. NO UPDATES
		To be removed from the meeting notes.
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A reminder that new CPEXs will have to address backward/forward compatibility before being voted on.

Action items from last meetings

Description Due Assignee Task appears on date

© Scot Breitenfeld to update the web page.	Scot Breitenfeld	2022-3-29 Meeting notes
Scot Breitenfeld will follow-up with More Koen Hillewaert to find out the status.	Scot Breitenfeld	2022-3-29 Meeting notes
@ Scot Breitenfeld will email committee an update, and @ Tobias Leicht may take over the discussion if needed.	Scot Breitenfeld	2022-3-29 Meeting notes
Committee needs to review the proposal and provide feedback. © Scot Breitenfeld to send out a reminder.	Scot Breitenfeld	2022-3-29 Meeting notes
© Scot Breitenfeld will enter a Jira issue to make the examples provided by CGNS to be updated to reflect the best practices (in terms of CGNS format description usage).	Scot Breitenfeld	2021-3-2 Meeting notes
© Scot Breitenfeld will enter a Jira issue to add to cgnscheck to not only validated the format, but also give a best practices analysis of the chosen CGNS format description and to suggest an alternative format if needed.	Scot Breitenfeld	2021-3-2 Meeting notes
© Scot Breitenfeld will enter a Jira issue to add to cgnsconvert the option to take the best practices suggestion from cgnscheck and convert the CGNS format description to that suggestion.	Scot Breitenfeld	2021-3-2 Meeting notes
Mickael PHILIT will create a Jira issue for remaining documentation tasks which need to be completed before switching to the new documentation so we can enlist others and to coordinate the effort.	Mickael PHILIT	2021-3-2 Meeting notes
 @ Mickael PHILIT and higher-order developers (Mickael PHILIT	2021-3-2 Meeting notes
SIDS structure is complete in the documentation prototype but the translation process is quite slow. Help requested.		2021-3-2 Meeting notes
@ Scot Breitenfeld or @ Christopher Rumsey should investigate if the cgns archive can be translated to forum posts or made available on cgns.org, which would make it viewable to web search engines.	Scot Breitenfeld	2021-3-2 Meeting notes
@ Scot Breitenfeld will update the copyright information on the webpage.	Scot Breitenfeld	2021-3-2 Meeting notes
© Scot Breitenfeld Update documentation for intel compilers (KH)	Scot Breitenfeld	2021-3-2 Meeting notes
Thomas Hauser will organize a meeting before the next committee meeting; probably even this week.	Thomas Hauser	2021-3-2 Meeting notes
Suggest looking into using Doxygen, Marc Poinot suggest a separate meeting to discuss.	Marc Poinot	2021-3-2 Meeting notes
@ Scot Breitenfeld or @ Christopher Rumsey should investigate if the cgns archive can be translated to forum posts or made available on cgns.org, which would make it viewable to web search engines.	Scot Breitenfeld	2020-12-8 Meeting notes

@ Scot Breite	nfeld will update the copyright information on the webpage.	Scot Breitenfeld	2020-12-8 Meeting notes			
the next meetir	will identify reviewers for the CPEX who will report before ng, the CPEX is scheduled to be voted on at the next meeting.	Scot Breitenfeld	2020-12-8 Meeting notes			
Change test site to: https://poinot.github.io/cgns-test.github.io/			2020-12-8 Meeting notes			
Tabling issue, we will look into alternatives if need arises.			2020-12-8 Meeting notes			
Decisions						
Page Title	Decisions					
2019-11-12 Meeting notes	▼ BETA-CAE was added to the steering committee					
	The cgio_read* will be dropped in the next release of the CGNS libr	ary.				
2020-12-8 Meeting notes	▼ Meeting notes Approved.					
	Passed: move to Github discussions when it's out of beta and retire the use of lists.nasa.gov. The notice should be posted to cgnstalk before the transition to discussions.					
	₹ Passed: Release all cgns.org documentation into the public domain	ı.				
2021-3-2						
Meeting notes	Passed: move to Github discussions when it's out of beta and retire the use of lists.nasa.gov. The notice should be posted to cgnstalk before the transition to discussions.					
	Passed: Release all cgns.org documentation into the public domain					
2021-6-15						
Meeting notes	₹ Passed CPEX #0047					
2021-9-7 Meeting notes	√ Approved to include in the CGNS's example code.					
2022 2 20						
2022-3-29 Meeting notes	Removal of CU-Boulder from Steering Committee (Thomas Hauser	is now at NCAR). Pass	sed			

New Business

Any new CGNS funding proposal opportunities? Nothing was identified at the meeting.

NO UPDATES

Schedule next meeting

11 Oct 2022, 10:00 AM EST (US)

Adjourn