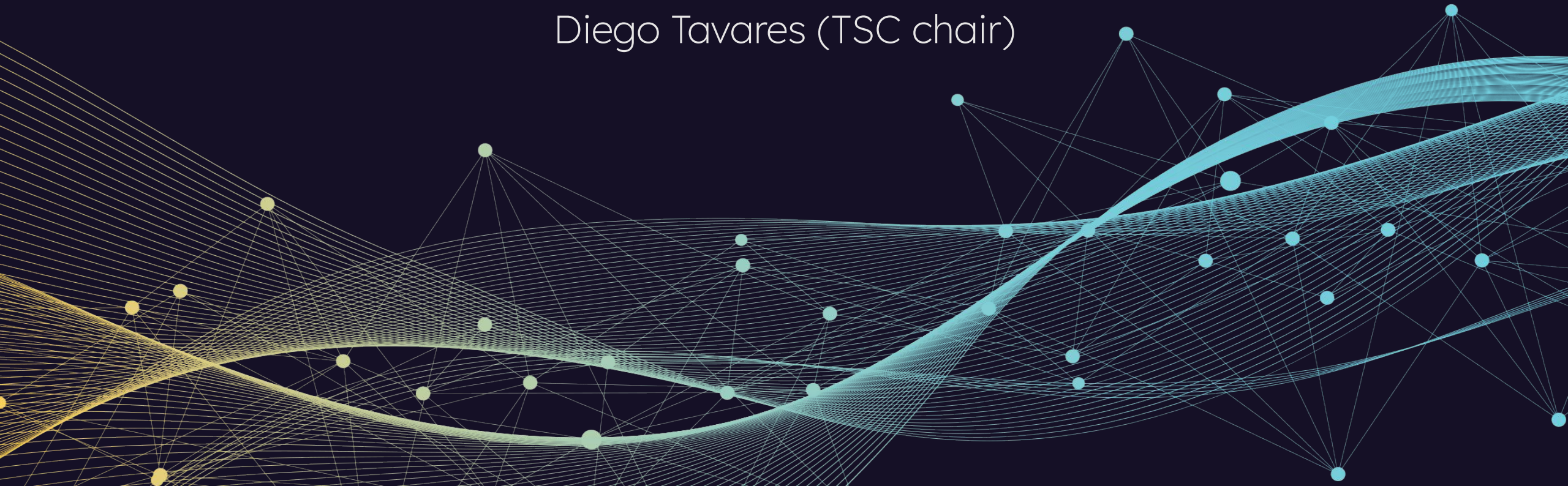


OpenCue Project Review 2024

Diego Tavares (TSC chair)



Technical Steering Committee



Brian Cipriano
Google



Benjamin Dines
Imageworks



Daniel Neilson
AWS



Diego Tavares
Imageworks



Ramon Figueiredo
Imageworks



Agenda

- OpenCue History
- Last Year Review
- Next Year Forecast
- Challenges



OpenCue History



OpenCue History

OpenCue is an open source render management system

Job	State	Done/Total	Running	Dead	Eaten	Wait	MaxRss	Age	Launched	Finished	Progress
ht3-seq.ifm-patrick_lgts_patrick	Failing	2 of 10	2	3	0	2	21.4G	000:41	06/20 10:31		

Name	Services	Range	Cores	Memory	Gpu	MaxRss	Total	Done	Run	Depenc	Wait	Eater	Dead	Avg	Tags
bty_bg_s3d_lf_3d	arnold	1-8	4.00	21.4G	OK	21.4G	8	1	2	0	2	0	3	00:34:41	wan desktop general
bty_bg_s3d_lf_3d_preprocess	preprocess	1	0.60	256M	OK	OK	1	1	0	0	0	0	0	00:00:42	preprocess
bty_bg_s3d_lf_3d_postprocess_deep_id	shell	1	1.00	3.2G	OK	OK	1	0	0	1	0	0	0	00:00:00	desktop util general

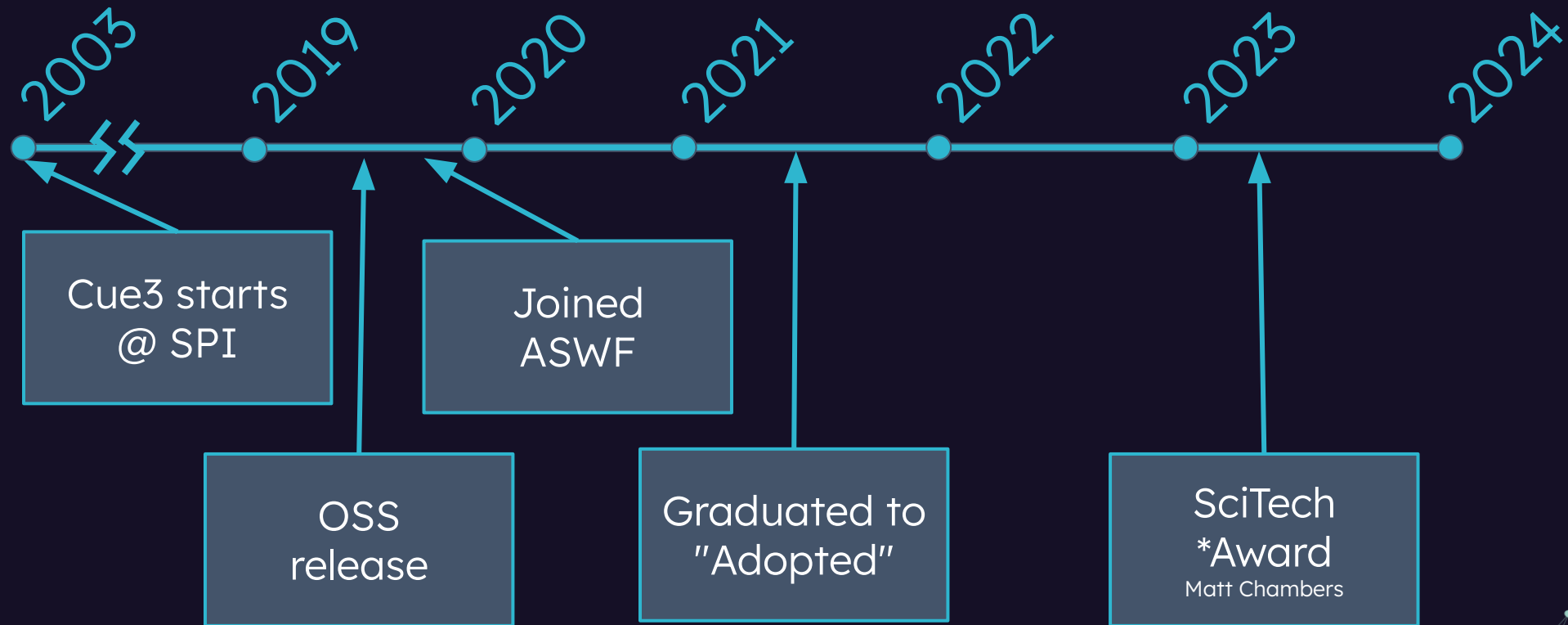
Refresh Clear Select Status ▼ Filter Layers ▼ Filter Status ▼ (Limited to 1000 frames) ht3-seq.ifm-patrick_lgts_pat

Order ▼	Frame	Layer	Status	Cores	Host	Retries	CheckP	Runtime	LLU	Memory	Remain	Start Time	Stop Time
0	1	bty_bg_s3d_lf_3d	Dead	12.00	wolf1073/12.00	1	0	0:03:42		1.8G		06/20 10:39	06/20 10:43
0	1	bty_bg_s3d_lf_3d_preprocess	Succeeded	0.60	duck8115/0.60	0	0	0:00:44		527M		06/20 10:31	06/20 10:32
0	1	bty_bg_s3d_lf_3d_postprocess_dee...	Depend			0	0	0:00:00		OK			
1	2	bty_bg_s3d_lf_3d	Succeeded	12.00	wolf0811/12.00	0	0	0:34:42		21.4G		06/20 10:37	06/20 11:12
2	3	bty_bg_s3d_lf_3d	Dead	12.00	wolf0236/12.00	1	0	0:01:32		1.3G		06/20 10:45	06/20 10:47
3	4	bty_bg_s3d_lf_3d	Dead	12.00	duck7715/12.00	1	0	0:04:43		1.9G		06/20 10:52	06/20 10:57
4	5	bty_bg_s3d_lf_3d	Running	12.00	duck4312/12.00	0	0	0:15:15	00:02:46	3.1G		06/20 10:57	
5	6	bty_bg_s3d_lf_3d	Running	12.00	wolf0811/12.00	0	0	0:00:29	00:00:12	OK		06/20 11:12	
6	7	bty_bg_s3d_lf_3d	Waiting			0	0	0:00:00		OK			
7	8	bty_bg_s3d_lf_3d	Waiting			0	0	0:00:00		OK			

OpenCue History



OpenCue History



Last Year Review



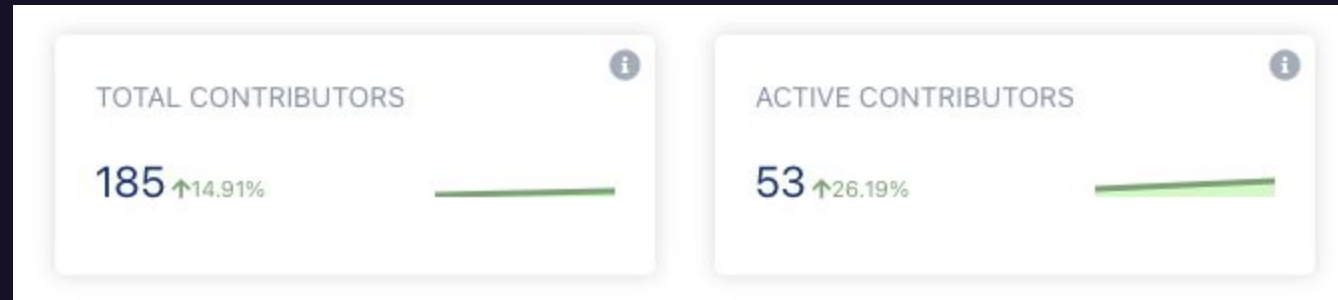
Review

- TSC chair Handoff - Brian is still part of the project
- Preliminary version of CueWeb (Web version of the GUI) presented to the TSC
- Several UI improvements and bugfixes
- Blender Plugin
- Performance improvements on the database schema
- New feature for Out-of-memory prevention
- Update python dependencies (Pyside 6)



Contributions

- ~2 merged PRs per week
- Increased total and active contributors



Next Year Forecast



Goals

- Upgrade Cuebot (server module) to Java 21
- Review communication channels
- AWS Open Job Description protocol (OpenJd-Deadline)
- Enhance Windows Support
- CueWeb release



Challenges



Challenges

- Big number of stale PRs and Issues
 - Actions:
 - Use TSC meeting to discuss pending issues and PRs at least 5 items per meeting
- Project homepage (opencue.io) is rarely updated
 - Actions:
 - TSC meeting agenda on Blog page
 - Blog post cards on the homepage



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ASWF

/* ACADEMY
SOFTWARE
FOUNDATION

