Welcome to JanusCon!

Lorenzo Miniero

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Napoli, Italy April 29th 2024





Network: JanusCon2024

Password: J@nusCon24



Streaming (with Janus!)





https://www.meetecho.com/events/januscon2024/









Oh yeah, something happened back then...







Second edition of JanusCon (finally!)



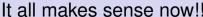


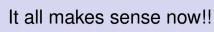


Wait, what is 2 in binary..?















Do you like our new venue? (thanks, DIETI!)







Napoli: Safety tip #1 (food)







Napoli: Safety tip #1 (food)







Napoli: Safety tip #2 (riccia or frolla?)



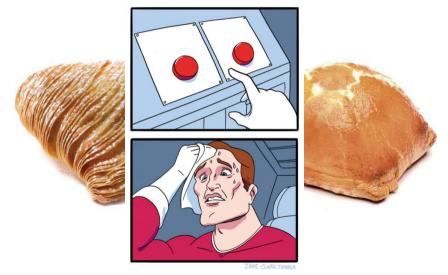






Napoli: Safety tip #2 (riccia or frolla?)







Napoli: Safety tip #3 (football)







Napoli: Safety tip #3 (football)



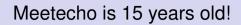




Napoli: Safety tip #3 (football)









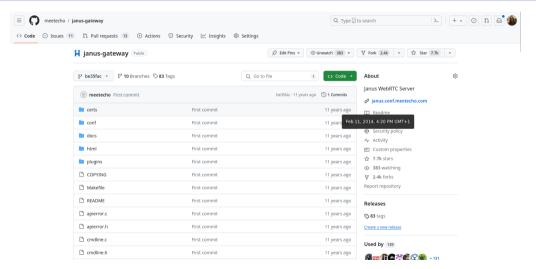






Janus is 10 years old!

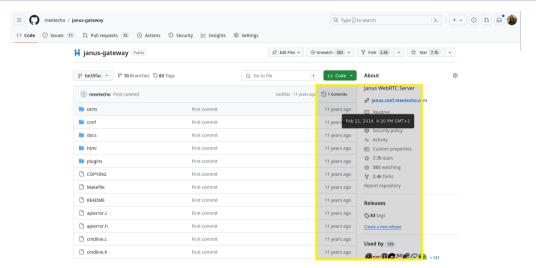






Janus is 10 years old!

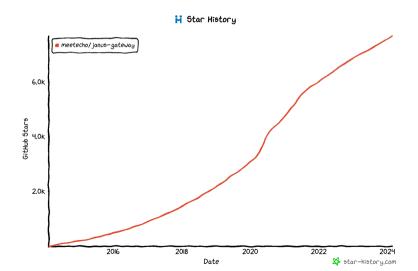






Thanks to our amazing community!

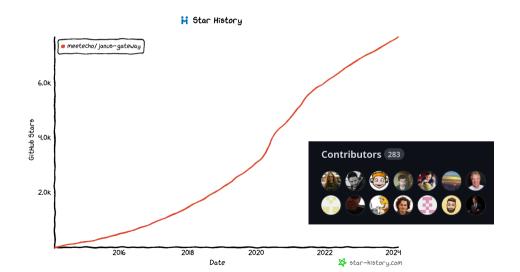






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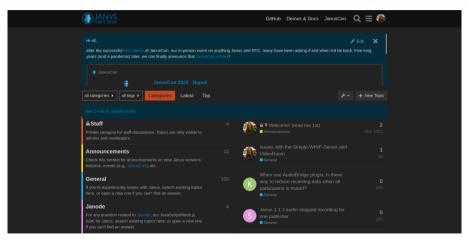






We moved our community group to Discourse







Meet the Meetecho team!





Lorenzo Miniero

Chairman



Tobia Castaldi

CEO



Alessandro Amirante

CTO



Simon Pietro Romano

Research



Meet the Meetecho team!





Danilo De Mari

CFO



Paolo Saviano

Full Stack Engineer



Alessandro Toppi

Software Engineer



Meet the Meetecho team! (NEW!)





Paolo Navarretta

Front-End Developer



Antonio Bevilacqua

Machine Learning Engineer

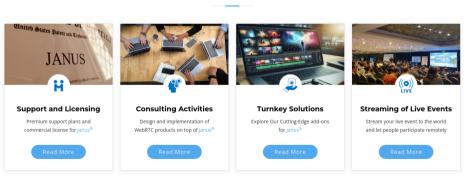


Commercial support & consulting



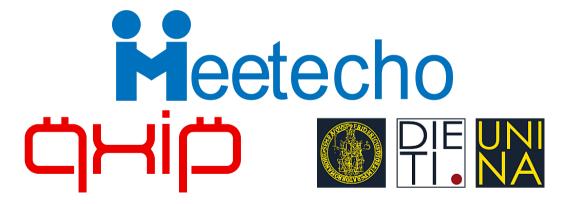
Meetecho Home SERVICES CLIENTS TEAM CONTACT BLOG JANUSCON

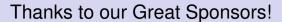
SERVICES















La Quattro Stagioni (Gold)











La Bufala (Silver)











La Marinara (Bronze)



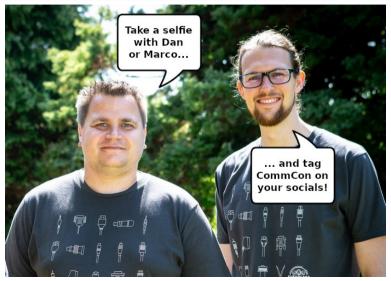






Win a ticket to CommCon! (London or SF)







Social event tonight (thanks Sipfront!)

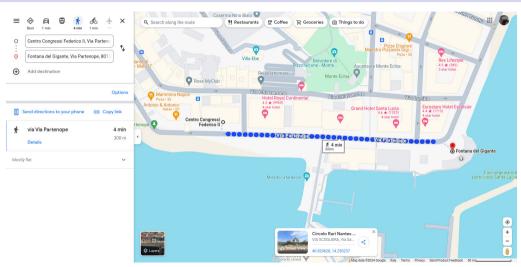






Social event tonight (thanks Sipfront!)







We have a great schedule for you...







A trip down Memory Lane...







Last time we were here, Janus was **v0.7.4**...



Januscon

Welcome to JanusCon!

Lorenzo Miniero

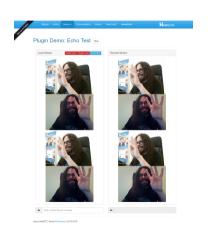


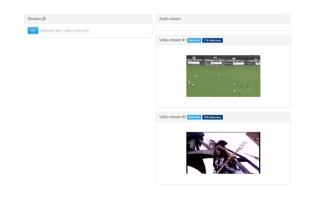
Napoli, Italy September 23rd 2019



Multistream finally merged → v1.0.0! (2022)



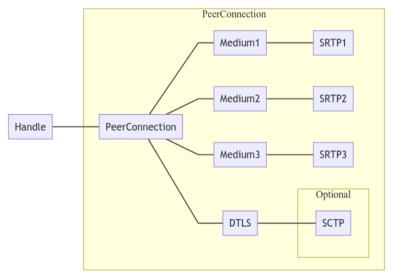






Better use of resources (network, threads, etc.)







0.x branch is "legacy" (security/bug fixing only)



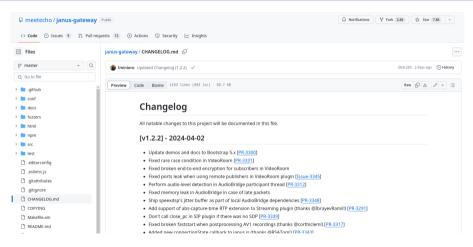


https://janus-legacy.conf.meetecho.com/ https://qithub.com/meetecho/janus-gateway/tree/0.x



Changelog to help keeping track of changes

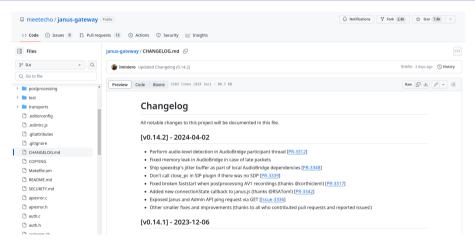






Changelog to help keeping track of changes







Worked a lot on scalability/reliability





Turning live events to virtual with Janus

Lorenzo Miniero

@elminiero

CommCon 2020 July, from my couch at home



Around that time, we released Janode too!

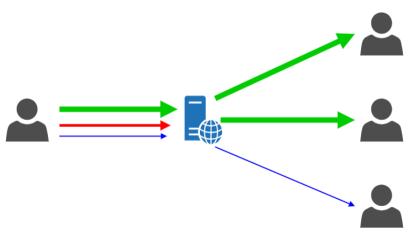


☐ meetecho/janode Public ⟨> Code ⊙ Issues 4 11 Pull request	s 2 ② Actions 🎛 Projects ③ Security	<u>✓</u> Insights		🗘 Notifications	¥ Fork 29	☆ Star 83 +
	3 Branches ⊘ 16 Tags om example: update deps, await detach, do not deta	Q. Go to file		About A Node, is adapter for the Janus WebRTC server		
	videoroom examp videoroom: add vp	build: lint code through GIHub Actions videoroom example: update deps, awalt detach, do not videoroom: add vp9 profile to create Update esiint rules gitignore: update Initial commit readme: add references to npm version: bump to v1.6.11 version: bump to v1.6.11		☐ Readime # 15c license Authority Country B stars		
.gitignore LICENSE README.md	Initial commit			 ○ 16 watching ¥ 29 forks Report repository Releases 16		
package-lock.jso	version: bump to v			2 months ago 2 months ago 4 15 releases		
□ README ♣ I			:≣	Packages No packages published		



Simulcast got a ton of improvements (+VP9)

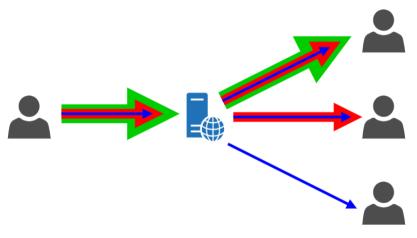






We now have AV1/SVC working too

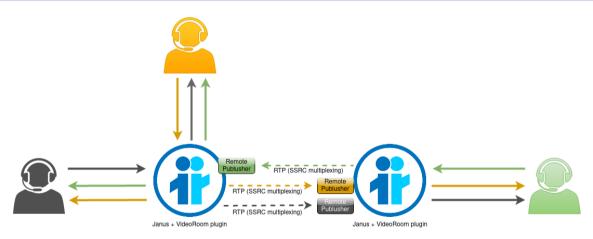






Cascading publishers across Janus instances

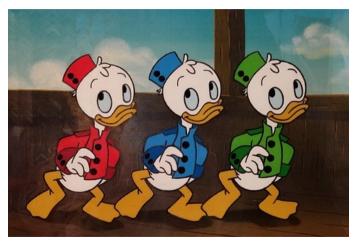






WHIP, WHEP & WHAP!

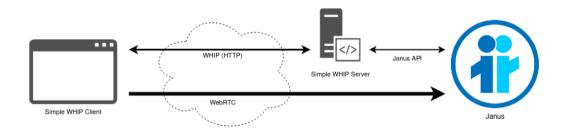






WHIP ingestion with Janus

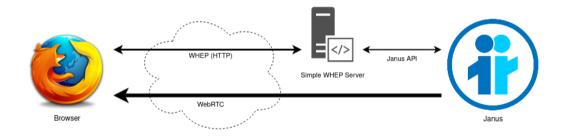






WHEP distribution with Janus

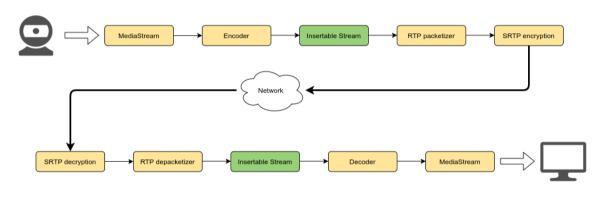






E2EE support via Insertable Streams







SIP plugin now supports call transfer



Do	tumentation	Papers	Need help?	Janu	sCon!			
Insert the address to transfer the call to								
F	sip:carol@192.168.1.110							
ı			Can	cel	Blind transfer	Attended transfer		
Hangup Use Video								



RED support for audio (Opus)



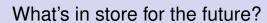
WebCRTC



Several improvements in AudioBridge









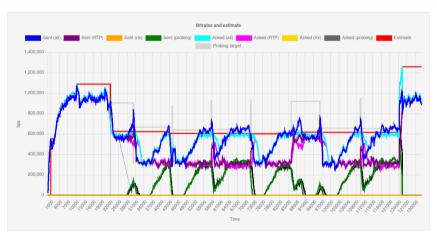






Complete the work on Bandwidth Estimation!

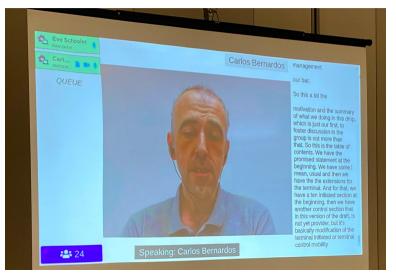






Have more fun with AI/ML!







A SIP trunking mode for the SIP plugin

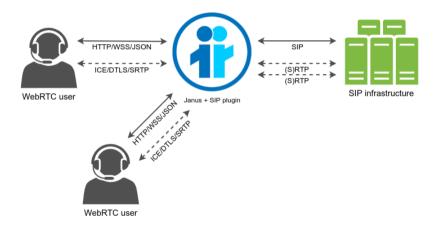






A SIP trunking mode for the SIP plugin

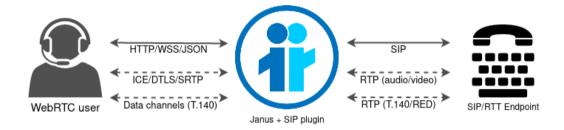






Real-Time Text for Emergency Services







Playing more with WASM?







Waiting for WebTransport (WebRTC ↔ MOQ)





