

The Dawn of BOINC

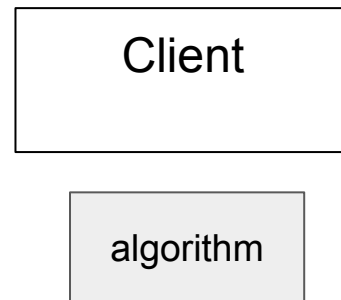
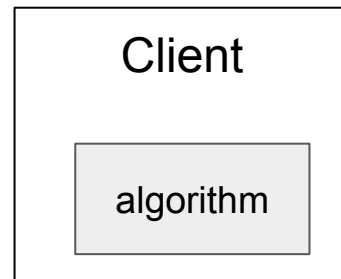
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Prehistory

- 1994: David Gedye
 - Big Science
- 1999: SETI@home
- 2000: United Devices
 - lawsuit
- 2002: BOINC
 - NSF

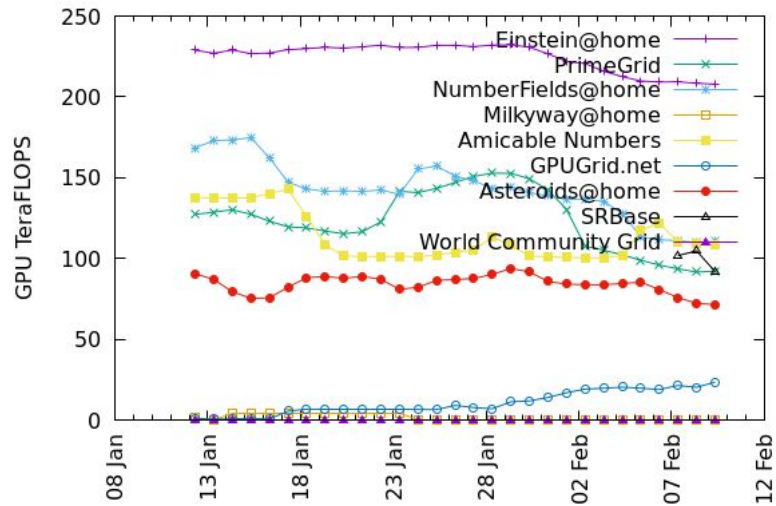


20 years later

- lots of
 - projects
 - research
 - publications (~1000)
- we've kept up with
 - CPUs, GPUs
 - OSs
 - virtualization

Big picture

- Stagnation
- Science United, BOINC Central
 - not much impact
- Conversations
 - Suzuki
 - Open Molecular Software Foundation
 - Leyline, One to Infinity, Metex, Koi
 - Science Commons Initiative



2016: BOINC Community

- Some good things came of it
 - move to Github
 - Zoom calls
- But it didn't work as planned

Current status

- Development
 - me, Vitalii, Charlie Fenton
 - we all have other gigs
 - CERN: vboxwrapper
- BOINC server
 - web site, web APIs, downloads
 - mostly me

Contingency plans

- What if
 - Vitalii or I disappear
 - UCB kicks us out
- Maybe the best we can do is
 - put everything we can on Github
 - document everything
 - make sure > 1 person has passwords etc.

Conclusion

Let's reflect on and celebrate our accomplishments!

To move forward BOINC must connect to

- Specific science communities
 - Molec. bio, Astro, etc.
- The AI world (academic and commercial)
- Governmental cyberinfrastructure providers
 - NSF/OSG
- The Citizen Science community