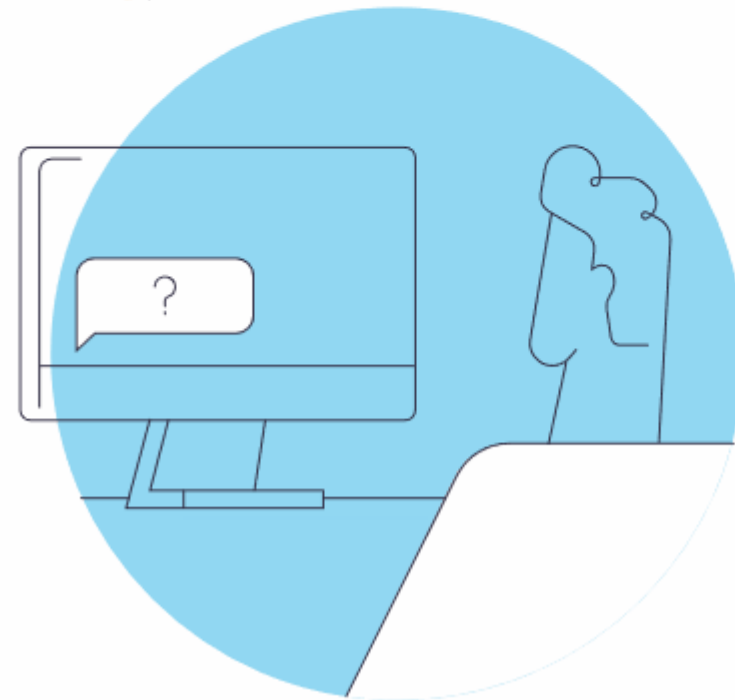


ALL GOOD
Overview
Alan Chalker



openondemand.org/allgood

User Group Meeting Agenda

Motivation

POSE Solicitation

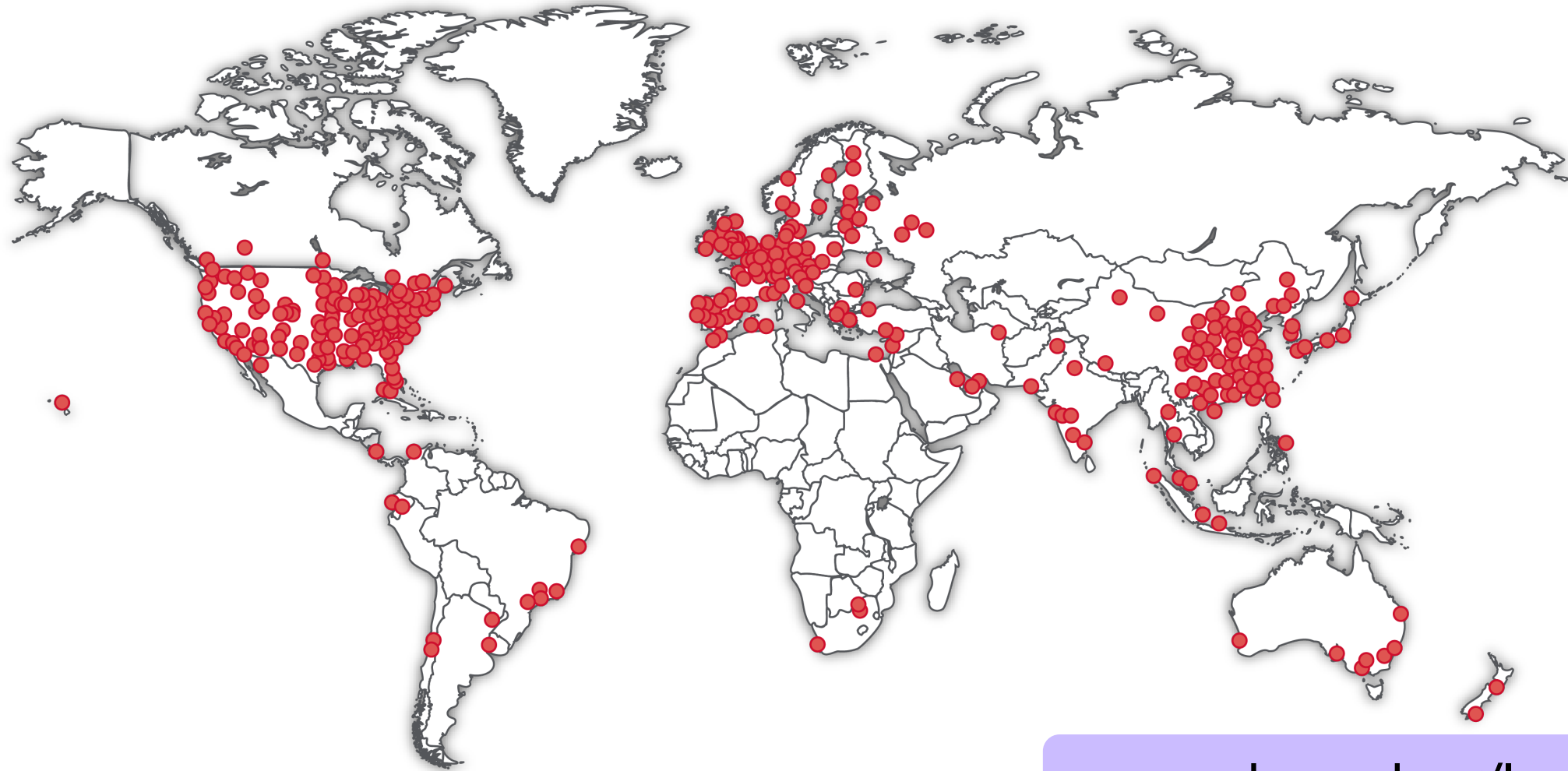
ALL GOOD Project

Open Floor Discussion



Lots of Deployments

62 Countries | 683 Organizations



openondemand.org/locations

Lots of Utilities & Apps

Abaqus

ANSYS

COMSOL

Coot

CSD

Galaxy

Grace

Grafana

Grid Engine

IDL

Jupyter

Kubernetes

LSF

Lumerical

Mathematica

MATLAB

Meshroom

NAGIOS

Octave

Open XDMoD

Ovito

Paraview

PBS Professional

QGIS

RELION

RStudio

SAS

Shiny

Slurm

Spark

STATA

Tensorboard

Torque

VISIT


Visual Studio Code



VMD


Lots of Videos & Publications

<p>11.13.23 SC23 Exhibiter</p> <p>Conference site ></p>	<p>10.30.23 Gateways23 Exhibiter</p> <p>Conference site ></p>	<p>Publication 07.24.23 PEARC23 Preso: HPC toolset</p> <p>Download ></p>	<p>07.24.23 PEARC23 Exhibiter</p> <p>Conference site ></p>	<p>Publication 05.02.23 Project Paper: Sector examples</p> <p>Download ></p>	<p>Video 04.06.23 Tips Webinar: Version 3.0</p> <p>Watch ></p>	<p>Video 03.02.23 Tips Webinar: Amazon Web Services</p> <p>Watch ></p>	<p>Video 02.02.23 Tips Webinar: Dynamic forms</p> <p>Watch ></p>
<p>Video 06.01.23 Tips Webinar: Customizations</p> <p>Watch ></p>	<p>Publication 05.24.23 ISC23 Preso: User group meeting</p> <p>Download ></p>	<p>05.21.23 ISC23 Exhibiter</p> <p>Conference site ></p>	<p>Publication 05.21.23 ISC23 Preso: HPC toolset</p> <p>Download ></p>	<p>Publication 01.26.23 NVIDIA SAE Preso: Overview</p> <p>Download ></p>	<p>Publication 01.15.23 Project Paper: Production deployments</p> <p>Download ></p>	<p>Video 12.01.22 Tips Webinar: SC22 recap</p> <p>Watch ></p>	<p>Publication 11.15.22 SC22 Preso: User group meeting</p> <p>Download ></p>
<p>Publication 05.16.23 RMACC HPC 23 Preso: Walkthrough</p> <p>Download ></p>	<p>Publication 05.11.23 I2 CommEX 23 Preso: CloudCluster</p> <p>Download ></p>	<p>Publication 05.04.23 Project Paper: General brochure</p> <p>Download ></p>	<p>Video 05.04.23 Tips Webinar: MATLAB</p> <p>Watch ></p>	<p>Publication 11.15.22 SC22 Paper: ERN cryo-EM</p> <p>Download ></p>	<p>01.15.22 SC22 Exhibitor</p> <p>Conference site ></p>	<p>Video 11.03.22 Tips Webinar: Quantifying impact</p> <p>Watch ></p>	<p>10.18.22 Gateways22 Exhibitor</p> <p>Conference site ></p>




Lots of Technical Plans

 Open OnDemand Roadmap




 View 1 

 Filter by keyword or by field





Not Scheduled 7

-  ondemand #1236
 Support the SCGI Schema
enhancement epic
-  ondemand #1235
 One size fits all apps
enhancement epic
-  ondemand #1309
 Documentation in the dashboard
area/documentation enhancement epic

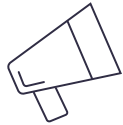
3.0 Completed Features 6

-  ondemand #1175
 Quick launch icons
component/dashboard epic
-  ondemand #1422
 Support Debian packaging
epic
-  ondemand #2359
 Opening support tickets through OnDemand
epic

3.1 3

-  ondemand #1245
 New Job composer (alpha)
component/jobcomposer enhancement epic
-  ondemand #1571
 first class filepicker
enhancement epic
-  ondemand #1500 
 save form options as profile
area/performance component/batch_connect enhancement epic

Lots of Ways to Contribute



Spread the word

Mention us on Twitter
@open_ondemand—or simply tell
your friends!



Make a suggestion

Pitch a new app or feature—or
report a bug—to help make Open
OnDemand even better.



Engage with us

Collaborate with us to make
your corporate or higher ed
project a reality.



Write documentation

Draft documentation for a new
app or feature, or help us revise
existing docs.



Write code

Write code for a new app or
feature, and share it with
our community.



Fund the project

Provide monetary support to our
development team or one of our
partners. Every gift helps!

openondemand.org/contribute

User Group Meeting Agenda

~~Motivation~~

POSE Solicitation

ALL GOOD Project

Open Floor Discussion



Pathways to Enable Open-Source Ecosystems

Some open-source projects catalyze broad adoption across sectors, resulting in communities of users and developers who coalesce into “ecosystems”.

Examples of NSF-funded projects that have transitioned into OSEs:

- Apache Spark
- Galaxy
- RISC-V

POSE Vision

Formation of OSE managing organizations will ensure:

- broader and more diverse adoption
- increased coordination of external developer contributions
- more focused route to broad societal impact

Provide a pathway for translating research results by:

- growing the community who develop and contribute to OSEs
- transitioning mature projects into self-sustaining OSEs

Activities

NOT ALLOWED: Development of open-source products, including tools and artifacts

ALLOWED: Creation and management of processes and infrastructure for efficient and secure development and maintenance

REQUIRED: A plan that addresses all security aspects such as data privacy and code quality

User Group Meeting Agenda

~~Motivation~~

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ALL GOOD Project

Open Floor Discussion



Key Details

Title: Advocate Led Long-term Gameplan for Open OnDemand (ALL GOOD)

PI: Alan Chalker, OSC

Co-PI: Julie Ma, MGHPCC

Period of Performance: Sept 2023 – August 2025

Broader Impacts:

- Increased adoption of computing resources across domains and communities
- Improved collaboration between the public and private computing sectors
- Early engagement of students who will be future research computing clients

Main Budget Elements

- **Developer Relations (Dev Rel) Program manager:** establishing the ecosystem and securing partnerships and sponsorships
- **Security / QA technical expert:** implement process and infrastructure recommendations from Trusted CI
- **Community engagement manager:** conduct market discovery research and produce collateral
- **Open-source governance consultant:** from NumFOCUS, an org that supports nearly 100 open-source projects
- **Graduate research associate:** mentor computer science undergrad capstone experiences

NumFOCUS Tenets

- **Scientifically oriented:** the project contributes to the advancement of scientific research
- **Open:** the project is published under a standard open-source license and seeks engagement with the public
- **Kind:** the project actively works towards making the community friendly, inclusive, and respectful of each participant

ALL GOOD Goals Year 1

- Hire program manager and technical expert
- Complete security and quality assurance gap analysis
- Complete phase one of marketing engagement
- Draft key governance documents
- Pilot student capstone and summer projects.

ALL GOOD Goals Year 2

- Secure at least five partnerships / sponsorships to give an annual base funding of >\$100,000
- Implement key security and quality assurance recommendations
- Complete phase two of marketing engagement
- Formally adopt governance model
- Complete student capstone and summer projects.

Open Positions



openondemand.org/jobs

Staying In Touch



openondemand.org/slack



openondemand.org/newsletter

Quick Community Survey

The key information we would like to collect is:

- Organization name
- Version currently deployed
- Quantification of clients
- Listing of apps

Scripts available to extract data from system logs. It should only take a few minutes of your time (depending on how far back the logs go)

Please fill it out ASAP so we can present preliminary data at SC23

openondemand.org/survey

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