

Parsl – 2024 Open Community Calls

ATTENDEES	Ben Clifford Sophie Bui Joshua Bryan Parantapa Bhattacharya Yadu Babuji Logan Ward Ryan Chard Matteo Turilli Mikhail Titov Chris Janidlo Aymen	Eric Cozzi Kent Lee Colin Wahl Peter Mendygral Nishchay Karle Kevin Hunter Kesling Kyle Chard Douglas Thain Nick Radcliffe Christine Simpson	DATE	2/20/2024
			TIME	11 a.m. CST
			NEXT MEETING	3/5/2024
MEETING PURPOSE	An open space to discuss topics surrounding activities such as user projects and needs, what's going on in the community, core development, code review, development infrastructure, software release, etc.			
IMPORTANT LINKS	Join Parsl-Project Slack for the Zoom Link: https://bit.ly/join-parisl-slack			

AGENDA ITEM	MEETING NOTES
<p>Parsl Task Model vs MPI Talk by Ben Clifford</p> <p>We have several MPI executor implementations now, and they all interact awkwardly, one way or another, with the core Parsl task model. In this talk, Ben will discuss the model, how it conflicts with MPI tasks, and some possibilities for sorting it out.</p> <ul style="list-style-type: none"> Slides 	<p>Talk Highlights</p> <ul style="list-style-type: none"> Workflow management and task model in Parsl Task model in Python programming Task model in high-performance computing Improving workflows for running Python functions and bash commands MPI applications and resource management Implementing MPI tasks in a workflow MPI specification and documentation updates
<p>Import CWL Tool Usage Tracking Feature</p>	<p>Usage Tracking Incentive Ideas – ways to motivate people to use this feature:</p> <ul style="list-style-type: none"> If you do it, we will prioritize your issues Real-time status page <ul style="list-style-type: none"> Would be open to sharing stats Hot or Not metrics, info about failures alert us to problems for people who don't want to submit GitHub issues Person-to-person encouragement
<p>MPI Prototype Merged into Parsl Master on Feb. 16 Led by Yadu</p> <ul style="list-style-type: none"> Documentation 	<ul style="list-style-type: none"> Work on making language to advertise this to users Simple examples for people to reference?
Outreachy Internships	We are trying to host two interns this year to work on the following projects:

	<ul style="list-style-type: none"> • Project 1: Website and Documentation Overhaul • Project 2: More Efficient Manager Selection in HTEX
General Announcements	<ul style="list-style-type: none"> • Mandatory PR Review in GitHub Reactivated • Parsl is now packaged in Debian
Slack Pro free trial extended until March 24th Previously set to end on 2/24	<p>The main thing that will change is the message archive time—it will only hold onto messages within a 90-day period. All messages beyond that period will be deleted.</p> <ul style="list-style-type: none"> • For any discussions surrounding open GitHub issues, please make sure your notes are migrated to the existing issue or create a new issue if necessary. <ul style="list-style-type: none"> ○ This is extremely helpful for tracking and documentation purposes
Users and Collaborators of Parsl <ul style="list-style-type: none"> • Users and Collaborators webpage: https://parsl-project.org/projects.html • Working Google Doc: 📄 Projects That Utilize Parsl 	<p>We are working on building the “Projects” page on our site and would like to feature your project(s) that use Parsl – please share info about your work in our open Google Doc. We’re asking for the following info about your project:</p> <ul style="list-style-type: none"> • Project Name/Title • Website Link • Contact Person(s) • Domain/Discipline/Field • Short Project Description • How does it use Parsl?