

ECP IDEAS Project

www.ideas-productivity.org

Presenter: Rinku Gupta (Argonne National Laboratory)



Goal: Improve Exascale Computing Project (ECP) developer productivity and software sustainability while ensuring continued scientific success.

- 1 Interviews with Exascale Computing teams
 - Applications & Software Technology
 - Understand crosscutting productivity challenges and opportunities
- Productivity and Sustainability Improvement Plans (PSIPs)
 - Work with team to define focus and track progress on particular area(s)





- Targeting application productivity and sustainability
- Create user stories to convey requirements from interviews; create PSIPs to determine priorities and plans for work
- Outreach and training
- In partnership with US Department of Energy computing facilities
- Documents: WhatIs and HowTo docs
- Webinar series and tutorials
 - Better Scientific Software site (https://bssw.io)