US-RSE:
Building a National Community of Research Software Engineers

Ian A. Cosden

icosden@princeton.edu

Princeton University

contact@us-rse.org, @us_rse

November 20, 2019

Introducing the US-RSE

Community-driven organization for bringing together the community!

People writing and contributing research software at

- universities
- laboratories
- knowledge institutes
- companies
- other enterprises

US RESEARCH
SOFTWARE ENGINEER
ASSOCIATION

Our current RSE definition

We like an **inclusive definition** of **Research Software Engineers** to encompass those who regularly use expertise in programming to **advance research**.

This includes **researchers** who spend a significant amount of time programming, full-time **software engineers** writing code to solve research problems, and **those somewhere in-between**.
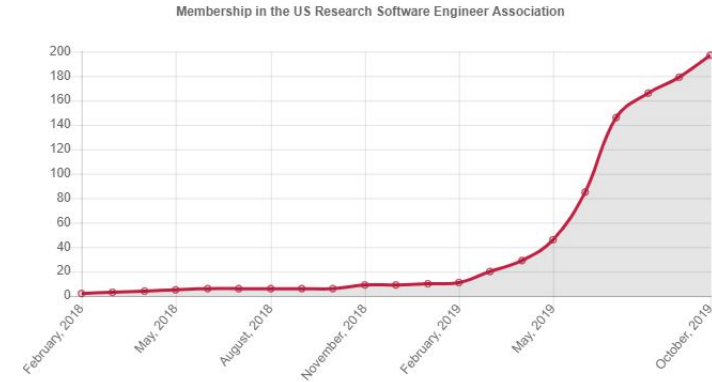
We aspire to apply the skills and practices of software development to research to create **more robust, manageable, and sustainable research software**.

https://us-rse.org

Mission of the US-RSE

1. Community
   ○ Create a professional community to share knowledge, connections, and resources
2. Advocacy
   ○ Promote RSEs impact on research, highlighting the critical and valuable role RSEs serve
3. Resources
   ○ Access to information and material to support individuals and RSE groups

https://us-rse.org

Current Happenings of the US-RSE

1. Slack team with channels for different groups

2. Steering Committee, Governance, Code of Conduct

3. Online communication: newsletter, website/blog, twitter

4. Community Calls

5. RSE stories podcast

6. Additional Events
   - BOF @ PEARC19
   - Panels @ SC19
   - 2020 US-RSE workshop

https://us-rse.org

Membership in the US Research Software Engineer Association

Thanks!

Thanks to the UK RSE Association (Society) and other national groups for inspiring and guiding us!

JOIN US!

https://us-rse.org/join

contact@us-rse.org

https://us-rse.org