



Technical Steering Committee Working Groups

Navigating a large and diverse community is difficult, both for coordination and for new participants to find their place. Here we describe loosely aggregated TSC Working Groups to provide a central point of coordination for a common set of topics. Each Working Group will have one or more Coordinators to provide a direct point of contact for the TSC Chair and/or Directors. Working Groups might also request feedback and support from the moja global Management, Strategy and Advisory boards.

Working Groups are about communication rather than accountability. Accountability is instead delegated to the individuals responsible for a specific project who choose to report their progress to the Working Group for oversight and collaboration. Such reports allow Working Groups to maintain an overview of ongoing development, published on a moja global website or repository to help the community track who is working on what. Each Working Group should brief the TSC at least once per month, and the TSC will relay their progress to other moja global boards (more frequent updates are encouraged).

Membership in a working group need only indicate an interest and willingness to help or answer questions, but contributions would be entirely voluntary. Membership should by no means be restricted to the people listed here. It should be fine for anyone to join a Working Group.

Working Groups will hopefully be used for capability building. Each Working Group will require one or more Coordinators. The Coordinator role may reflect seniority or experience, and potential suitability for mentor roles or funded project opportunities. Other working group

members are also likely to be eligible for mentorship, potentially as indicated by the coordinator. Coordinator roles may be self-nominated or unanimously decided by the TSC.

Terms of Reference

Each Working Group will develop Terms of Reference that addresses the following questions:

- What value do you see your group bringing to the moja global community?
- What support do you need, and separately want, from the moja global organization?
- What are the goals of your group?
 - Both in the short term, and if relevant over a longer period.
- Is your group long-running or temporary?
 - If it is temporary, how long do you see it running for?
 - If long-running, what is the long-term vision of your group?
- What are explicitly non-goals of your group?
- What do you expect the relationship to the moja global TSC, Management, Strategy and Advisory boards to be?
- What is your preferred means of communicating? (e.g. Slack, email, Google Meet)
- How do you intend to make your work accessible to people outside your group?
- How frequently would you like to update your TOR?
- How would you like to conduct evaluations of working group progress?
- Who are the initial Coordinators? How long is their term?
- If applicable, which other groups or teams do you expect to have close contact with?
- Where do you see your group needing help?

TOR can be reviewed by the TSC and announced to the wider community.

Example of potential Working Groups (TBC)

Please add your name to the 'Interested members' section if you would like to participate in the establishment of a Working Group.

Communications & Documentation

Area of interest:

- Documentation
- Training material
- Website maintenance
- Mailing list/forums
- Release coordination
- Promotion and content updates

Interested members:

1. Harsh Bardhan Mishra
2. Sarthak Kundra
3. Ouya Obunga
4. Dushyant Pathak
5. Kavya Agrawal
6. Rajiv Ranjan Singh
7. Stephen Kull
8. Kyle Saukas (unconfirmed)
9. Sabita Rao (unconfirmed)
10. Shubham Karande
11. Sagar Utekar
12. Shloka Gupta

Modules and Science

Area of interest:

- Module development and validation
- API design and development
- Science evaluation
- Data acquisition and archival

Interested members:

- Shubham Karande
- Kartikey Saran
- Mohd Warid
- Sagar Utekar
- Shloka Gupta

Deployment

Area of interest:

- CI/CD
- Installation support
- Local and cloud framework development
- Software release management
- Pre-compiled reference implementations (binaries one day!)

Interested members:

13. Harsh Bardhan Mishra
14. Abhineet
15. Kartikey Saran
16. Sarthak Kundra

17. Dushyant Pathak
18. Rajiv Ranjan Singh
 - Sagar Utekar

Interfaces

Areas of interest:

- Configuration management
- Visualisation and reporting
- User experience strategy
- Maintenance of UI component library
- API and module integration with examples/tutorials

Interested members:

- Shubham Karande
- Mohd Warid
- Anthony Kwaje

Optimisation

Areas of interest:

- Benchmark and test harnesses
- Data structures
- Core library maintenance, refactoring and technical debt
- Job scheduling/chunking
- Pre- and post-processing

Interested members:

- Dushyant Pathak

Implementation

Areas of interest:

- Development of nation specific FLINT implementations
- Calibration and evaluation
- Nesting and uncertainty
- Attracting grant funding for implementation and development

Interested members:

- James McBreen

- Shubham Karande
- Muneeswaran Mariappan
- Silvia Guizzardi (tbc)
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Mentorship

Areas of interest:

- Tracking grant applications and working group progress
- On-boarding new users and connecting with different working groups
- Prioritising project pipeline
- Promoting project applications and outcomes
- Stipend approval

Interested members:

- Andrew O'Reilly-Nugent