

# MaRDA MDI Provider Integration and Interoperability WG Collaborative Notes

Nov 4, 2021

## Quick Links

- This Document: [MaRDA-MDI3-2021-11-04](#)
- MaRDA: <https://www.marda-alliance.org/>
- MaRDA Slack: <https://mardaworkspace.slack.com>
- Discussion Board: <https://matsci.org/c/marda/45>
- WG GitHub: <https://github.com/marda-alliance/MDI-Provider-Integration-Interoperability>
- 2021 Annual Meeting Documents: <https://bit.ly/marda2021documents>

## Agenda

- Welcome
- Updates from MaRDA HQ with David C. Elbert
- Pub/Sub Hackathon Planning
  - Introduction:
    - ▣ Content Generation Virtual Hackathon for Pub/Sub Cyberinfrastructure
  - [sign-up](#)
  - [outreach](#)
- New Business and Open Discussion

## Attendance

Please sign in:

Name	Email	Organization
Zachary Trautt	<a href="mailto:zachary.trautt@nist.gov">zachary.trautt@nist.gov</a>	NIST
Santanu Chaudhuri	<a href="mailto:schaudhuri@anl.gov">schaudhuri@anl.gov</a>	ANL
Robert White	<a href="mailto:robert.white@nrel.gov">robert.white@nrel.gov</a>	NREL
David Elbert	<a href="mailto:elbert@jhu.edu">elbert@jhu.edu</a>	Johns Hopkins University
Kareem Aggour	<a href="mailto:aggour@ge.com">aggour@ge.com</a>	GE Research

Patrick Huck	phuck@lbl.gov	LBNL
Christopher Rinderspacher	berend.c.rinderspacher.civ@army.mil	DEVCOM ARL
Alexander Zech	alexander.zech@berkeley.edu	UC Berkeley, Exabyte.io
Suhas Somnath	somnaths@ornl.gov	ORNL
Abhijith Gopakumar	abhijith@u.northwestern.edu	Northwestern University

## Comments and Notes

- MaRDA new and a heavy lift
- MaRDA vs. MaRDA-c
  - <https://www.marda-alliance.org/governance/>
- Next Annual Meeting February 2022
- Membership-driven organization
- Exploring funding
  - Small grant on communications, website upgrades, project management
- What function is needed on the website?
  - Communication a major priority
- Perspective article coming from council
  - FAIR Data Will Fuel a Revolution in Materials
- Planning the annual meeting
  - Virtual Tuesday-Thursday
  - Feb 22 or Feb 15
  - Reaching out to community to lead annual meeting

- Council meets monthly
- More interaction between council and working groups
- What are the steps for FAIR, what is the roadmap, how do we measure progress
- FAIR Maturity and Metrics are being explored
- NSF is growing comfortable with FAIR
- Education is still important
- Need to clarify what FAIR means in a world of proprietary data
  - FAIR does not mean Open
- **TO DO: Make a brochure and craft an email**
  - MaRDA can send an email to their list
- MaRDA can put up a webpage
- Advertise via RDA Materials IG
- More than Pub/Sub also includes streaming
- Hackathon: Build pieces that are platform independent (e.g., extractors)
- Hackathon: How to connect loosely coupled systems
- DEI and Hackathons broader impacts
  - High school students
  - Local universities
  -