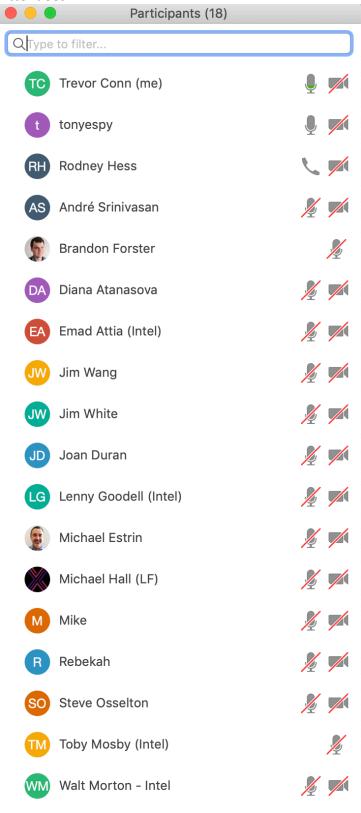
# **Core Working Meeting Notes (4-Apr-2019)**

### Attendees:



#### **Old Business**

- Documentation needs
  - GoDoc hosting
    - No firm decision, some options. Added another possible approach in the #core channel last week
    - https://suntong.github.io/blogs/2016/02/26/godoc-from-branch-code/
  - Move docs into their own repo
    - Email request sent to James Gregg
    - Should be a topic in the Apr-4 DevOps meeting
- Validation of request models
  - Decide on composition versus interface solutions
  - These were presented earlier this week via Core and GoLang mailing lists
  - With reflection solution, can lines 107-119 be placed into a common implementation?
    - Func(r ReceiverType) Validate() error {
      - Above common implementation
      - Custom property-specific validation
    - •
  - o Discussion of double validation given nested top-level models
    - Proposal to add property/method to the Validator interface to determine if something is already validation.
  - Discussion of the real core problem which is the marshaling of generic state models without specific request context.

#### **New Business**

- Call for Fuji F2F topics
  - Currently proposed
    - High Availability
      - 12 factor apps
      - Service Orchestration
        - o Registration/deregistration
        - When and when not to use SMA
    - Instrumentation

- We have correlation ID tracking in our logs, but what's next?
- Reporting capabilities as determined by deployment footprint
- Architecture Principles
  - Explicit discussion of architectural guidelines to move toward
  - Assembly of resources to support guidelines and educate new team members
- Persistence implementations
  - Decouple from mono-repo? How to do this?
- Store and forward capabilities??
  - Collecting events at the edge, connectivity is lost. When restored, push everything stored in the meantime.
- Correlation logging is giving Tony heartburn
  - Should we reorder TRACE and DEBUG and make all correlation logging statements TRACE?
  - Ideally these should be on all the time but the TRACE level would simulate a separate sink for these messages that could be turned on/off.
  - o Correlation logging statements will be logged at TRACE level
    - These will not be logged by default
    - Folks prefer changing log level for edge deployments to not over log.
  - o Re-order TRACE and DEBUG ??
  - Will follow up on this next week

## For next week's agenda

- Core-command PUTs
  - OperatingState / AdminState
    - Why? They're just pass-through to metadata
    - Issues with model validation
  - Get Commands by DeviceID/Name
    - For read-only operations like this, any reason why Corecommand can't just go directly to the database rather than through metadata client?
  - IssueCommand doesn't propagate correlation-id currently (#1219)