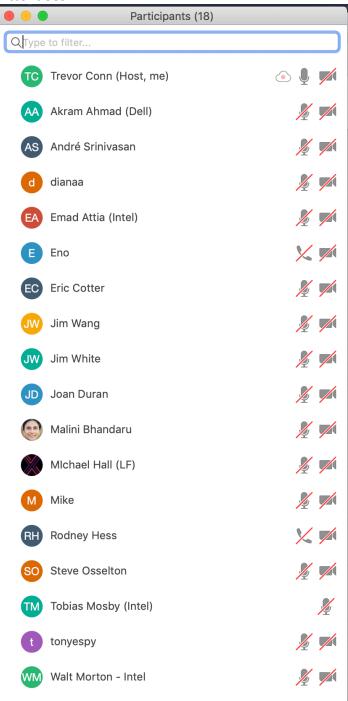
Core Working Group Meeting Notes (21-Mar-2019)

Attendees:



Old Business

- Intel -- Meeting scheduled w/Microsoft RE: Go plugins support for Windows
 - o It was rescheduled. Still pending.

- Operating State Unmarshalling Follow-up
 - Try OperatingState as pointer on ProvisionWatcher, does that trigger Unmarshal when not specified in the request?
 - Answer, no it does not.
 - Investigate tags which could be opposite of omitempty and require the field on the request
 - Didn't find any such thing. Tags related to marshaling are described starting at line 63 below https://golang.org/src/encoding/json/encode.go
 - We have two options currently. They are gross, but they are options.
 - Remarshal in the controller method to get our current validation to fire
 - Add UnmarshalJSON methods to model types and put the knowledge of valid child type states into the parents.
 - E.g. ProvisionWatcher instance checks to see if the OperatingState is empty after unmarshalling.

New Business

- Documentation needs
 - GoDoc versus published docs
 - Malini to ask her team for how /whether GoDocs can be used to document not only master but previous feature branches as well.
 - Hopeful for response later today
- Discuss denormalized versus normalized (pseudo) data representation
 - Example: Events/Readings relationship Discuss denormalization
 - Edge cases around reading updates and backporting to events
- Discuss differences in solutions within Redis provider Delhi versus Scheduler
 - What should be emphasized functional completeness, implementation consistency, both?
 - Possibly functional completeness for Edinburgh, implementation consistency via dot releases and Fuji, et al.
- Support-logging for Edinburgh will NOT have Redis support. We have made the choice to use the File-based logging.

Denormalized (redis)

Event1

Reading1 Reading2

Reading3

Readings by ValueDescriptor (1,2,3) Readings by Device (1,2,3) Readings by XYZ (1,2,3)

Normalized (mongo)

Events collection

Event1

Reading1 ID

Reading2 ID

Reading3 ID

Readings collection

Reading 1

Reading 2

Reading 3

For next week

• Device Profile and Device Service simplification issues (Tony)