


























Core Working Group Meeting Notes (2-Aug-2018)

Attendees:

Participants (13)

| | |
|--|---|
| TC Trevor Conn (Host, me) |   |
| AA Akram Ahmad (Dell) |   |
| AF Andrew Foster |   |
| AS André Srinivasan |   |
| BK Brad Kemp |   |
| BF Brandon Forster |  |
| BH Bruce Huang |   |
| G GregZuro |   |
| i ijohnson |   |
| JI Janko Isidorovic (Mainflux) |   |
| JW Jim White (Dell) |   |
| MH Michael Hall |   |
| t tonyespy |   |

Old Business

- Binary Serialization
 - Review of Event/Reading diagram provided by Jim
 - Comments
 - Name is effectively dual purposed
 - Value is more than a string, could now be byte[]
 - Discerned by “type” property?
 - “Type” to be included in the Reading, indicates the type of the Value
 - Proposed as native Go types
 - Value is no longer just a string, can also be a byte[]
 - ContentType (or BinaryType) – Describe the format of the byte[]
 - MPG, JPEG, GIF, MOV
 - W/R/T larger video and sequencing of chunks
 - Janine to ask Cliff about data representations they may already have and how those might map to EdgeX Reading model
 - Open question – Do we add more schema information?
 - Deliverable timeframe – Delhi stretch goal
 - Additional resources available?
 - Janine to discuss with Cliff
 - Outstanding question internally for possibly re-prioritization
- Package restructuring is underway for separation of external/internal models and encapsulation.
 - Export services still need to be moved.
 - *2-3 weeks to completion as of July 26 (Drasko)*
 - *Still on target.*
 - Reviewed with Tony last Friday
 - Sent email RE: issues with Mongo coupling in models
- Mongo driver replacement
 - Due to analysis of Mongo replacement, see email for criteria for replacement driver functionality
 - Evaluate the lift for replacing legacy mgo driver with official MongoDB driver (Trevor)
 - *Trevor has had no time to follow up on the above evaluation*

New Business

- Alternate mailing list for persistence sub-group?
 - **Coordinate with Brett Preston (Trevor)**
- Service Bootstrap Resiliency

- Intent is to eliminate need for specific service start order
- Services should start and then try to resolve their dependencies over some period of time, not just crash right away.
- Completed in all core services, support-logging
 - Export services TBD
 - Support-notifications will be adapted once merged into master
 - Can give presentation on how it works if interest is there
- Needs to be handled in Export Services
- RAML Adjustments in Process
- Janko – Redesign of Export Services
 - Needs to sync (Trevor – Late next week)
 - Initial draft next Wednesday