



Hardware DB - Dune Database Workshop

Stephen White

Vladimir Podstavkov

July 2021

Current Status

- Hardware DB is a complete product ready and available for production.
 - There are additional items that may be added with some in progress.
 - We expect that as usage increase new items may be requested.
- Image additions for components
 - Recently added, they are now available for components, component types and component tests.

Current Status

- Security Upgrade
 - The ARS Web Article while not mentioning us directly, it has pushed addition security measures sooner than expected.
 - HDB is moving to Single Sign On (Shibboleth)
 - Used across lab it allows a user to login on one product
 - Currently in development, expected in production in 2 weeks.
- Documentation is in progress.
 - API documentation is being redone as part of the code.
 - We want to ensure it is relevant through the lifespan of DUNE.
 - General documentation will be provided for the forms.

Concerns

- Unique ID
 - We do not intend to answer these in HDB talk.
 - Interaction between HDB and Parts DB
 - The ID must be unique.
 - The database enforces uniqueness.
 - The ID cannot change.
 - Will the ID entered be done manually? For each component?
 - If so, how is human error avoided as the ID is not editable.
 - Will Parts DB support an API that HDB can call?
- Bar Codes, QR Codes are not directly supported through HDB. It currently is text only.
 - Their images can be recorded to the DB.
 - REST API can be called from IPAD or other devices.