

2nd HWDB Tutorials

- Many thanks to Vladimir Podstavkov and Steve White to keep updating/maintaining the HWDB!
- July 15th and 22nd.
- ~30 participants (most of the liaisons attended!)
- All(?) of them showed up on DAY 1
- ~a half of the 30 showed up on DAY 2

DAY1		DAY2	
09:00	Introduction to the PID and Setting up Types Hajime Muramatsu	09:00	Quick overview of Day 1 Hajime Muramatsu
	09:00 - 10:15	09:00 - 09:10	
10:00	Entering & retrieving data through WEB UI Alex Wagner		Going through the PID hierarchy, scan QR codes, and post Locations via iPad Alex Wagner et al.
	10:15 - 11:00	09:10 - 09:40	
11:00	Entering & retrieving data through REST API Hajime Muramatsu		Using the Python HWDB Upload Tool Alex Wagner et al.
	11:00 - 11:25	09:40 - 11:10	
	Day's Discussion Hajime Muramatsu		Discussion
	11:25 - 12:00	11:10 - 11:30	

- DAY 1 : Basics (POSTs/GETs)
- DAY 2 : Using the two apps

Indico and Training site

- Huge thanks to David DeMuth to set up:

▶ Indico sites:

DAY 1 : <https://indico.fnal.gov/event/65297/>

DAY 2 : <https://indico.fnal.gov/event/65540/>

▶ Training site:

<https://dune.github.io/computing-HWDB/>

- and thanks to our student, Urbas Ekka to basically finish up most of the contents in the Training site!

- Links to talk slides and zoom videos are available in both the indico sites and the Training site:

<https://dune.github.io/computing-HWDB/training-schedule/index.html>

What now?

- **The tutorials were successful. Lots of questions, especially on DAY 1.
Could have been better if we went slower?
But then would need an extra DAY.
Something to consider for the 3rd Tutorials in the future.**
- **Of course, to be really successful, we like to see them to start to use it!!**
- **David has prepared a survey form.
Will send it out today to gather info of;**
 - **what they wanted to see more**
 - **how they felt about each session**
 - **what other things they like to see... etc.**

What now?

- Else, we'll keep improving the Training site, especially within the next few weeks.
- Urbas has been working on our UnitTests functionality of the Python-app. We run it as a daily cron-job and like to improve its reported messages, to be more user (non-Minnesotans!) friendly.
- In the next several slides, will go through some topics that were brought up (publicly/privately) during the last two weeks...

Could we have the “z” project in the pro. ?

- Unlike the development version of the HWDB, we don't have any spare System (or Subsystem or Types.. etc) to test things in the production. Of course, that is why we have the dev. version.
- Still, some users wish they had a place to test things on the pro. version to test their scripts, that include;
 - not only the ones simply upload to the HWDB, but also
 - the ones that would try to copy things from the dev. to the pro.
- Also a help to have such test-purpose-holder, as there are actually differences between the two versions: Manufacturer IDs and Role IDs.
- Could do this by introducing an entirely new Project, “z”, as we have it in the dev. version. Could we have it?

Diff. in WEB-UI between dev. and pro. ?

Development

Production

- Should we make it something more obvious for the production?

E.g.,

“You are accessing to the production version...”

Migrating (Copying) from dev. to pro.?

- Would it be helpful if we prepare such script(s) and provide to everybody?
- Maybe there isn't much demand for this?

Will wait to hear more requests on this.

- Vladimir already pointed out that it would be very difficult to copy things at item levels as all those PIDs will be different.

Could probably do (reconstruct) at Component Type level.

Image formats that are supported

- jpeg, tiff, pdf, bmp, png...

At least, I have tried these and know they are accepted.

- docx, xlsx are NOT accepted... for now.

Would you like them to be?

- Would it be easy to accept them as a new category, like “Files”, instead of treating them as binaries (Images)?

Could also wait to hear more on this...

Bulk-Add with WEB-UI

- The HWDB generates a series of bar/QR-codes like shown here, when a bunch of items are created.
- This is great.
- But could we make the HWDB to generate them;
 - in a certain size of pages (e.g., Letter, A4)
 - and while being able to specify specific sizes for each of those labels?

Alex could improve the Python app to do this.

But would be nice if the HWDB could do this.

