

Extending HELIPORT for cleanroom process tracking at HZDR

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Currently, nanofabrication processes at the HZDR cleanroom are recorded on a manually compiled paper printout and later transferred to a wiki. This hinders search, automated information processing, and reuse of process parts. As an improvement, a paperless approach is being developed.

We integrate sample ancestry and processing history stored in MediaWiki into HELIPORT by developing custom modules. This will allow HELIPORT to collect metadata while guiding through the manual workflows that represent cleanroom processes.

At the current point of progress, we estimate that it may well be feasible and useful to generalize the approach and thereby contribute to possible future efforts of representing samples or manual workflows in HELIPORT.

Type

Talk

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