30.06.2021 // Interfacer Deliverables

stable API for UI (Capn Proto) - Q3 2021

Update main API for controlling of the server, so the Client App can retrieve and display all required information.

OpenHardware SmartCard Initiator - Q4 2021

Release first OpenHardware Version of an OpenSource SmartCard System to activate machines.

Simple deployment method - Q4 2021

Add documentation and processes so that FabAccess can be easily deployed by non-technical users at local spaces and fablabs. Concentrate on documentation of the existing software stack and the setup process.

Audit-Log - Q4 2021

Output a structured log with the activity information about the machines, like who has when used this machine. So an ERP System can create an invoice from that data.

Basic UI - Q4 2021

Release a Beta Version of the UI with basic support of all features of the API

Federation - Q1 2022

Allow users to freely and seamlessly change their workspace between federated spaces

Scripting API - Q1 2022

Internal flows can be customised and extended in a scripting language like Python or Lua

Beta-Release - Q1 2022

Release a Beta Version of FabAccess

Branding and Templating UI - Q2 2022

Allow and help spaces and organisations to create a UI Version with specific customization for their applications

Maschinen Metadaten für erweiterte Umgebungen - Q3 2022

Allows filling machines representation with additional metadata, e.g. GPS data in the case of mobile machines.

extended monitoring and display of maschine parameters - Q4 2022

Support showing of machine metadata, with specific emphasis for branding and templating support so that different organizations can show different metadata as it suits their needs.

Optimisation and stabilty improvements of server and client in perpartation of completion of the funding phase - Q1 2023

Ensure that FabAccess will be usable beyond the timespan of the funding. Optimizing speed of all software involved and improving the stability in terms of software bugs and crashes to make use of FabAccess in production environments feasible.