digital-schedules

tools for managing and outputting scheduled information for construction projects.

aectemplater

tools for creating template definitions for objects in the AEC industry.

aectemplater-api. Allows any computer on the MF network to access data template definitions. Interfaces with "aec-schedule" and "pyrevit-schedule". Manages units and physical quantities of parameters.

aectemplater-db. Structured database of template definitions. Initially to be used for equipment and spaces templates but can be used to create other template definitions (e.g. calculation inputs, specification field etc.)

aectemplater-ui. A user interface for creating template definitions. This will ensure that users select from allowed parameter names only, manages units of physical data quantities and manages GUIDs of Revit parameters.

aecschedule

edit equipment scheduling data, interface with Revit, and produce formatted pdf output schedules.

aecschedule-cli. produces formatted PDF schedules from json product data definitions taken from the Revit model.

aecschedule-data. schedule data, extracted and sychronised with the Revit model used to produce output schedules. Saved to the project folder for every issue. Definitions taken from the aectemplater-api.

aecschedule-ui. used to batch output schedules from the Revit model. Can be used to edit specification data and synchronise with data in the Revit model. This will support both equipment data scheduling and room data scheduling.

pyrevit-aecschedule

interface with the Revit model on projects to ensure "aectemplater" definitions are used.

configure the Revit model to attach data from the templater API to objects in the Revit model, and create schedules for outputting as structured outputs.

import data into the Revit model.

export data out of the Revit model and synchronise with apps.