

Concept: Service

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Definition

A [task](#) can be automated through the use of **script widgets**, which in turn are connected to a service inside **KE-chain**. Using python libraries developed for advanced users (see [Pykechain](#)), the script can interact with the KE-chain API, and a user can automate the task he or she is assigned to. Inputs can be extensively manipulated and used to calculate the outputs, while also feeding those results back to KE-chain, in order to drastically reduce the time spent on the respective task.

Running scripts

Existing scripts can be attached to a task form through a Script widget. Make sure you know what the **script** is supposed to do before you press the button that will run it, as information might get overwritten and potentially lost. Read the [Developers API](#) manual in order to watch examples of scripts running and acting on KE-chain data.

Developing scripts

For now, this feature is restricted to **KE-works** developers. But do not hesitate to contact the [Service Desk](#) if you find yourself in need of having a script implemented inside your [project](#). Scripts can automate everything from the creation of the [work breakdown](#), to the plotting of 2D graphs and previewing them inside a **task form**. The possibilities are infinite.