User manual

AAS Webclient

Inhalt

1. Quick start

The AAS Server webclient is an user-friendly web-tool for displaying AAS-Servers and its contents while providing filter and search functionalities

For a quick start access the following URL https://mercal03.github.io/TINF21C_Team1_AAS-Server-Webclient/.

2. Setup

To access this the full functionalities of the web-tool, you will need a basic web browser such as Google Chrome, Microsoft Edge, or any other modern web browser. Make sure that your browser is updated to the latest version to ensure optimal performance and compatibility with the web-tool. If you are unsure which browser to use or how to update it, please consult the documentation provided by your browser's manufacturer.

Additionally you have to install the plugin „Moesif Origin & CORS Changer" which allows you to send cross-domain requests without receiving Cross Origin Errors.

| Software	Browser	Link
Moesif Origin & CORS Changer	Google Chrome	https://chrome.google.com/webstore/detail/moesif-origin-cors-change/digfbfaphojjndkpccljibejjbppifbc
Moesif Origin & CORS Changer	Mozilla Firefox	https://addons.mozilla.org/de/firefox/addon/moesif-origin-cors-changer1/
Allow CORS: Access-Control-Allow-Origin	Microsoft Edge	https://microsoftedge.microsoft.com/addons/detail/allow-cors-accesscontro/bhjepjpgngghppolkjdhckmnfphffdag?refid=bingshortanswers
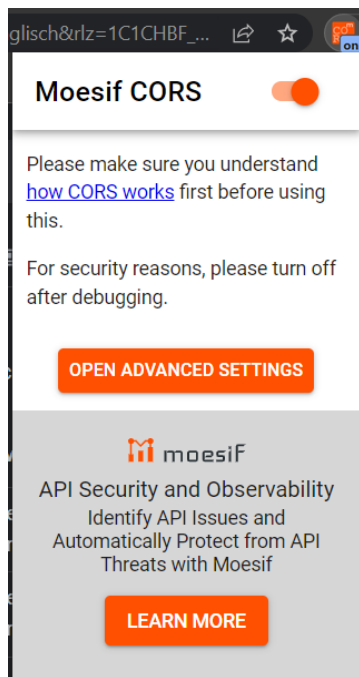
After installing the plugin make sure to turn it on while using the web-tool and afterwards turn it off again for security reasons.

3. AAS web-tool

When entering you will be greeted by the following home page:
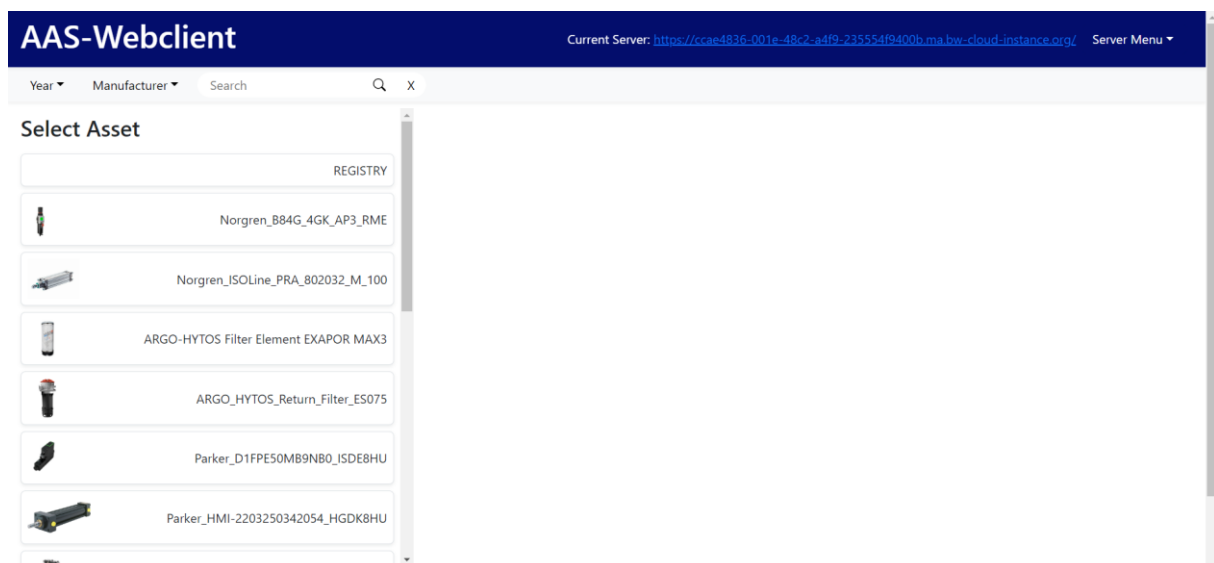
The page and its elements can be seperated in the following parts:
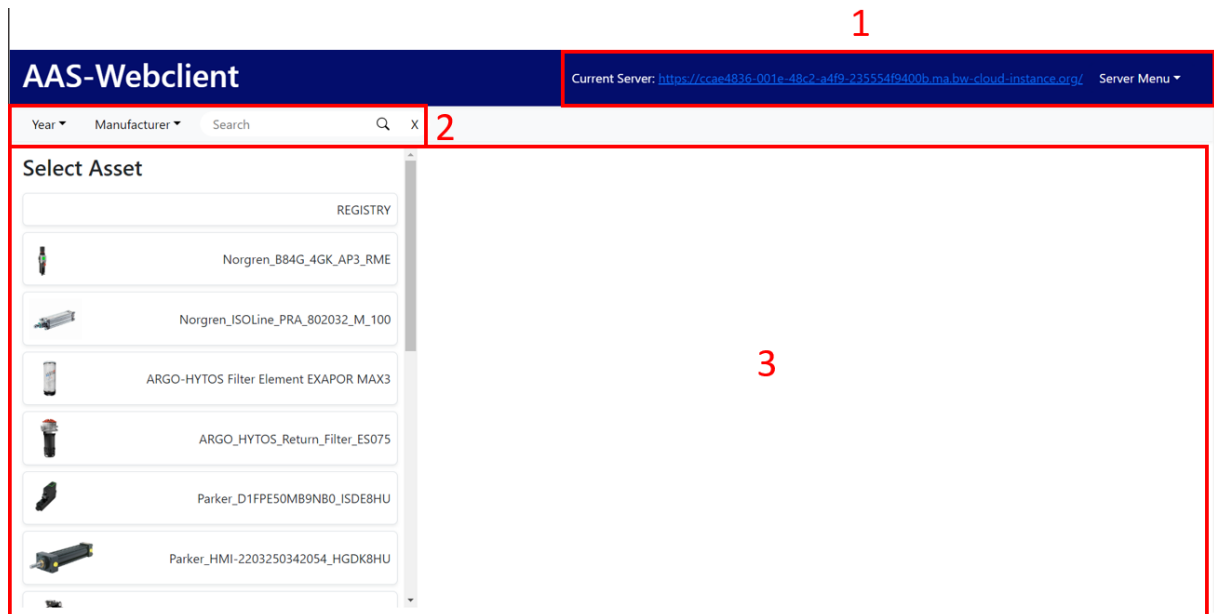
Part 1: Server Menu

Part 2: Filter Menu

Part 3: Asset View

3.1. Server Menu

In the server menu you can import AAS-servers by their URLs or choose from the four predefined options :

To import an AAS-server add the corresponding URL into the text input field in the server menu dropdown and hit the „Add Server"-button.
Next to the „Server Menu"-button will the current server be displayed.

3.2. Filter Menu

The web-tool allows for filtering for specific assets by the name of their manufacturer, manufacturing year or by their name.

To filter for a manufacturer, select the „Manufacturer"-dropdown and choose one of the manufacturers or enter one in the text input field and hit the „Search"-button to start filtering:
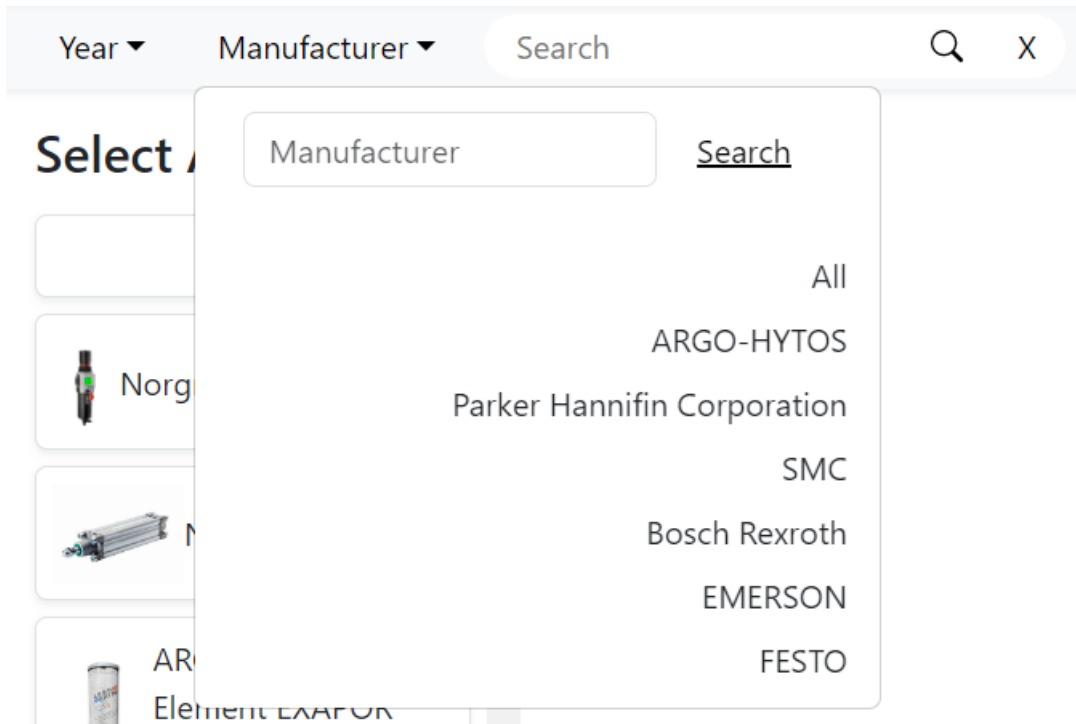
To filter by the manufacturing year, select the „Year"-dropdown and choose between „oldest first", which shows the oldest first and the newest last, or „newest first", which shows the newest first and the oldest last:
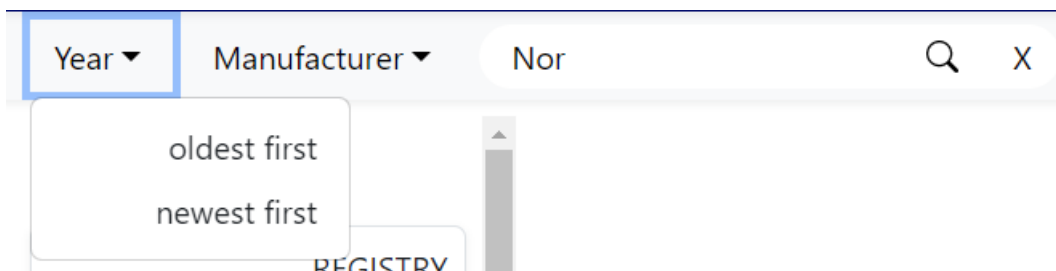
To filter by the asset name use the the text input field on the very right of the filter menu and start typing the asset name. The webtool will start suggesting assets depending on your input:

3.3. Asset View

After choosing your server and what assets you want to see, you will be able to see them right below in the asset view:

On the very left you will always have a preview of all the assets available after importing an AAS-server and after filtering (if wanted). From the preview you can select any asset you want to see the details of, which will be displayed on the right half:

Select Asset

REGISTRY

Norgren_B84G_4GK_AP3_RME

Norgren_ISOLine_PRA_802032_M_100

ARGO-HYTOS Filter Element EXAPOR MAX3

ARGO_HYTOS_Return_Filter_ES075

Parker_D1FPE50MB9NB0_ISDE8HU

Parker_HMI-2203250342054_HGDK8HU

Nameplate

ArticleInformation

HandoverDocumentation

TechnicalData

MCAD

PLC_Programming

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semanticId
https://admin-shell.io/vdi/2770/1/1/Documentation

id
www.example.com/ids/sm/9102_0231_5022_1224

idEncoded
d3d3LmV4YW1wbGUuY29tL2lkcy9zbS85MTAyXzAyMzFfNTAyMl8xMjI0

Document00_DatenblattDE ⌄

Document01_DataSheetEN ⌄

Document02_BetriebsanleitungDE ⌄

Document03_IM-SheetEN ⌄