

Darstellung von Ereignis / Events in Excel über die REST Schnittstelle

Man kann in Excel Daten direkt von der Rest Schnittstelle einlesen.
Über die Funktion "Daten --> Aus dem Web" lesen.

Wichtig: die Daten müssen als XML eingelesen werden.

The screenshot shows the Microsoft Excel interface with the 'Daten' (Data) ribbon selected. The 'Aus dem Web' (From Web) option is highlighted. A 'Neue Webabfrage' (New Web Query) dialog box is open, displaying the following REST API URL:

```
adresse: http://localhost:8080/rest/1/projects/Ser-Netz_GV7/devices/1/fis/events_vh?type=VoltageOutage&type=VoltageOver&start=NAMED_LastYear&end=NAMED_ThisYear
```

The dialog box also includes a 'Importieren' (Import) button. Below the dialog box, the Excel spreadsheet displays a table of event data:

	avg	endTime	eventType	input	limit	max	min	startTime
1	0,6947742	1,40074E+18	VoltageOutage	L4	11,499983	1,1341718	0,48311365	1,40074E+18
2	450,98697	1,43228E+18	VoltageOver	L2	253	484,53696	279,54913	1,43228E+18
3	451,19003	1,43228E+18	VoltageOver	L2	253	461,1242	319,20798	1,43228E+18
4	457,03366	1,43446E+18	VoltageOver	L2	253	470,37912	273,1222	1,43446E+18
5	453,17325	1,43446E+18	VoltageOver	L2	253	535,1987	260,1965	1,43446E+18