Jupyter (python)

```
1  import numpy as np
2  import pandas as pd
3  import matplotlib.pyplot as plt
4  shot_no = 33993
5  data_URL = "http://golem.fjfi.cvut.cz/shots/{shot_no}/DASs/StandardDAS/{
       identifier}.csv"
6  ds = np.DataSource(destpath="/tmp")
7  def open_remote(shot_no, identifier, url_template):
8      return ds.open(url_template.format(shot_no=shot_no, identifier=
       identifier))
9  def read_signal(shot_no, identifier):
10     file = open_remote(shot_no, identifier, data_URL)
11     return pd.read_csv(file, names=["Time",identifier],
12                        index_col="Time", squeeze=True)
13 loop_voltage = read_signal(shot_no, "LoopVoltageCoil_raw")
14 ax = loop_voltage.plot(grid=True)
15 ax.set(xlabel="Time [s]", ylabel="$U_l$ [V]", title="Loop voltage $U_l$
       {}".format(shot_no));
16
17 plt.savefig("graph.jpg")
```