

```
import pandas as pd
data_path = "/home/alendit/master/runner/output/archive/configs 04.03.13 20:44/MIXED.raw"
"
```

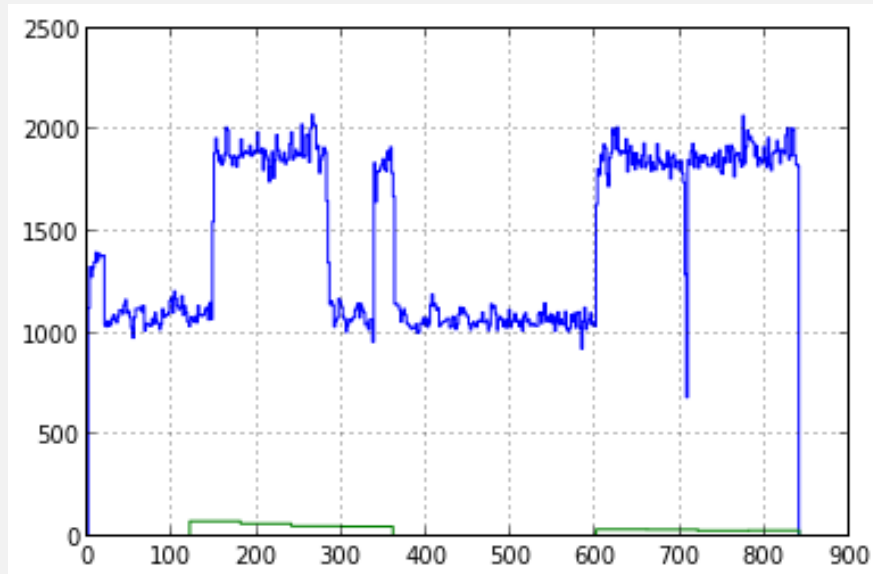
```
data_path = "/home/alendit/master/runner/output/archive/configs 05.03.13 00:03/MIXED.raw"
"
```

```
df = pd.read_csv(data_path)
df.columns = ("tt", "s", "l")
```

```
oltp = df[df['tt'] < 7]
oltp['s'] = oltp['s'] - df['s'].min()
olap = df[df['tt'] >= 7]
olap['s'] = olap['s'] - df['s'].min()
olap['l'] = olap['l'] / 10. ** 6
olap['s'] = olap['s'] + olap['l'] / 2.
```

```
# olap queries in green, oltp in blue
oltp['s'].hist(bins=480, histtype='step')
olap['s'].hist(bins=12, histtype='step')
```

<matplotlib.axes.AxesSubplot at 0xe255450>



```
olap['s'] = olap['s'] - oltp['s'].min()
```

```
olap[:10]
```

	tt	s	l
48106	12	60.782795	0.781321

48908	13	61.207099	0.424297
49365	18	61.910870	0.703767
50155	15	62.052910	0.142036
50318	21	63.025361	0.972447
51411	28	63.113924	0.088559
51500	14	63.440087	0.326159
51769	19	63.518115	0.078024
51824	15	63.656284	0.138165
51959	24	65.590104	1.933815