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# Making charts

Please check that you have at least one full day statistics before making the chart.

For your convenience, we created the scripts that automatically find top N protocols or directions (independent systems) and create a profile that plots each of them in an own color.

To start the script to build a profile with top protocols:

```
/usr/local/nfsen/bin/create_top_protocols --consumers 8 --divide-up-down --profile-name top_8_protocols
```

Here:

consumers 8 - is a number of protocols to plot (max. 10)

divide-up-down - means that inbound and outbound traffics are represented above and below zero axis

profile-name top\_8\_protocols - is the name of the profile to create<sup>1)</sup>.

The script creates a profile named top\_8\_protocols. This profile makes charts with top 8 protocols by traffic are shown in different colors:



Protocols that were not included in "top" are collected into "others" and have the same color. This profile is convenient to build reports by protocols as described in chapter [Making reports](#).

You can also keep only those protocols that you are interested to see. To use this method, please uncheck the "extra" protocols in "Statistics" window placed below the charts.

Example: only torrents remain in the chart:



Similarly, one executes the script to build a profile with top directions:

```
/usr/local/nfsen/bin/create_top_directions --consumers 10 --divide-up-down --profile-name top_10_directions
```

The script creates a profile named top\_10\_directions. You can visually see, for example, the difference in traffic volumes of GOOGLE and FACEBOOK in this chart.



<sup>1)</sup>  
A profile is selected in the top right corner of NFSEN window. If you can not select the recently created profile: please use 'Stat' mark in the upper line.