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Configuration 3

Configuration

The Clickstream¹⁾ information has to be made available on DPI for media server for its correct operation. Please add the following settings to DPI configuration file `/etc/dpi/fastdpi.conf`:

```
cache_server=192.168.0.1
ipfix_dev=eth2
ipfix_udp_collectors=172.31.155.95:1500
ipfix_observation=127
dbg_log_mask=0x80
```

Here

- `cache_server` is the address or the name of media server that sends content to subscribers
- `ipfix_dev` is the name of network interface that supports Clickstream data transmission in ipfix format
- `172.31.155.95:1500` is the address and the port of ipfix collector on media server.

Data uploading and cache control are handled by ccu (Cache Control Utility).

The command description for this utility is available via its 'help' command:

```
ccu help
```

Uploading of video files to media server's storage is performed automatically, based on settings in configuration file `/var/cache/nginx/cs/.cs/cs.conf` and Clickstream information received from DPI.

To start automatic uploading service to file storage on the media server:

```
service ccuo start
```

To stop automatic uploading service:

```
service ccuo stop
```

The WEB interface on http://cache_server:8000/cs.html allows to check cache statistics. Here `cache_server` is ip address or the name of media server.

To start statistics service:

```
service ccum start
```

To stop statistics service:

```
service ccum stop
```

To restart file distribution service after upgrade:

```
service nginx restart
```

Execution of most of commands is logged into log files located in */var/log/ccu*.

Media server's log files are stored in */var/log/nginx*.

1)

Clickstream - detailed information on browsing internet resources by the user