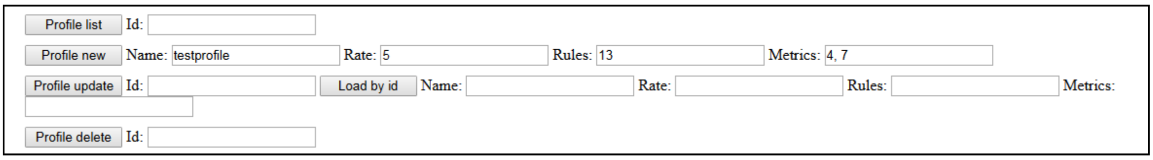
Testing with web interface

For backend server testing purposes, there is a web interface available by URL `https://hostname:8090/index.html`

Profile addition

To add a profile, fill the `Name`, `Rate`, `Rules` and `Metrics` fields. Press `Profile new`



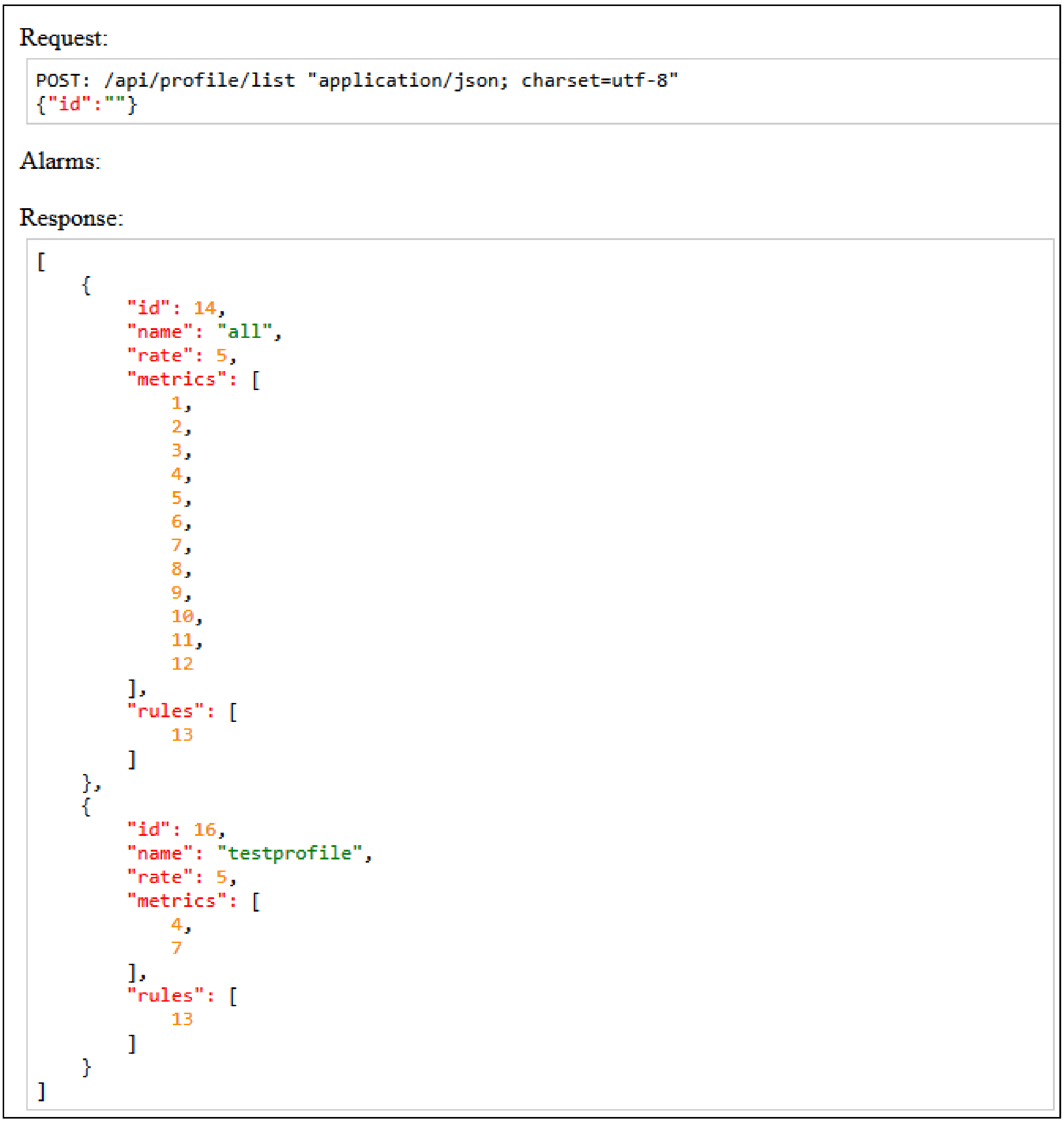
Id:

Name: testprofile Rate: 5 Rules: 13 Metrics: 4, 7

Id: Name: Rate: Rules: Metrics:

Id:

Press `Profile list`. A list of profiles will appear at the bottom of the page



Request:

```
POST: /api/profile/list "application/json; charset=utf-8"
{"id":""}
```

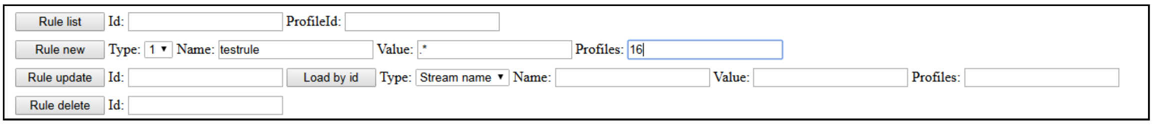
Alarms:

Response:

```
[
    {
        "id": 14,
        "name": "all",
        "rate": 5,
        "metrics": [
            1,
            2,
            3,
            4,
            5,
            6,
            7,
            8,
            9,
            10,
            11,
            12
        ],
        "rules": [
            13
        ]
    },
    {
        "id": 16,
        "name": "testprofile",
        "rate": 5,
        "metrics": [
            4,
            7
        ],
        "rules": [
            13
        ]
    }
]
```

Rule addition to a profile

To add a rule, fill `Name`, `Value`, `Profiles` fields. Press `Rule new`



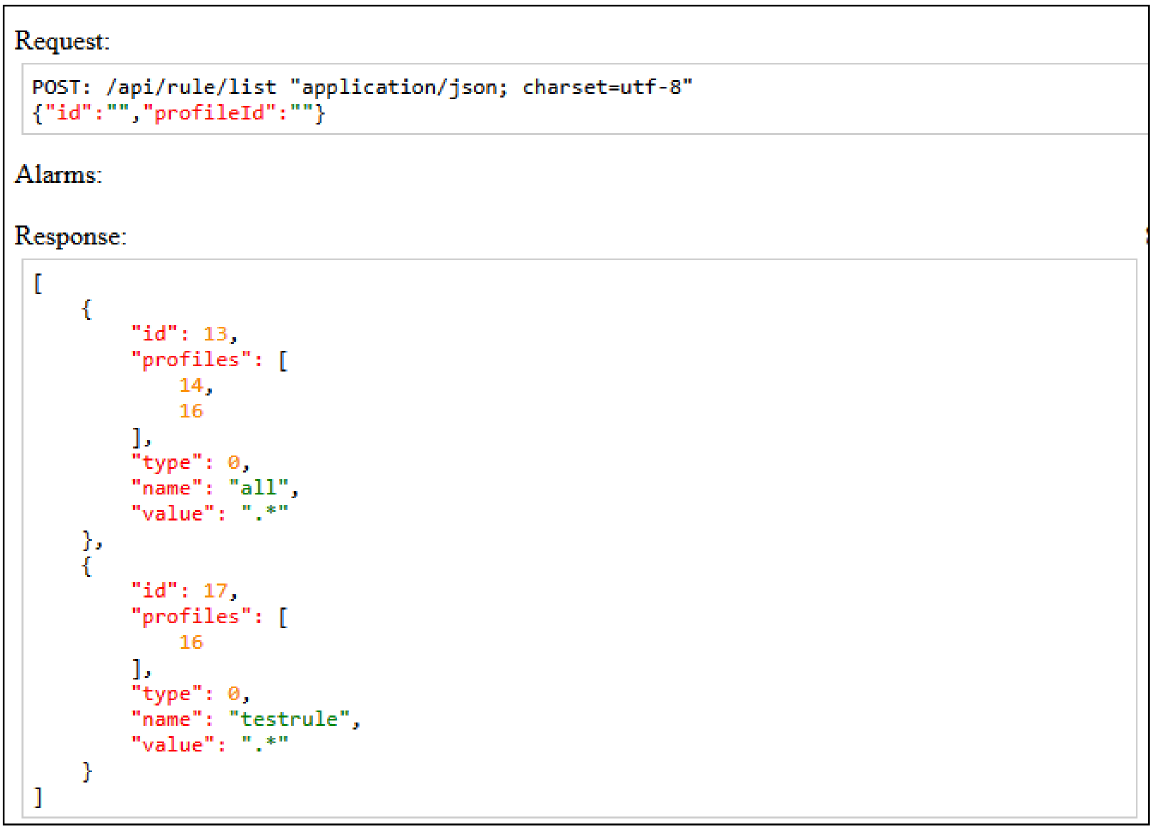
Rule list Id: ProfileId:

Rule new Type: 1 Name: testrule Value: .* Profiles: 16

Rule update Id: Load by id Type: Stream name Name: Value: Profiles:

Rule delete Id:

Press `Rule list`. A list of rules will appear at the bottom of the page



Request:

```
POST: /api/rule/list "application/json; charset=utf-8"
{"id":"","profileId":""}
```

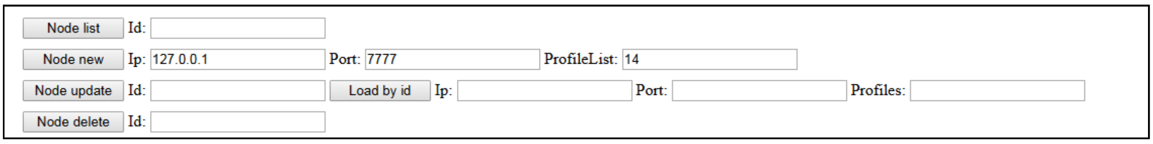
Alarms:

Response:

```
[
    {
        "id": 13,
        "profiles": [
            14,
            16
        ],
        "type": 0,
        "name": "all",
        "value": ".*"
    },
    {
        "id": 17,
        "profiles": [
            16
        ],
        "type": 0,
        "name": "testrule",
        "value": ".*"
    }
]
```

Node addition

To add a node, fill `Ip`, `Port`, `ProfileList` fields. Press `Node new`



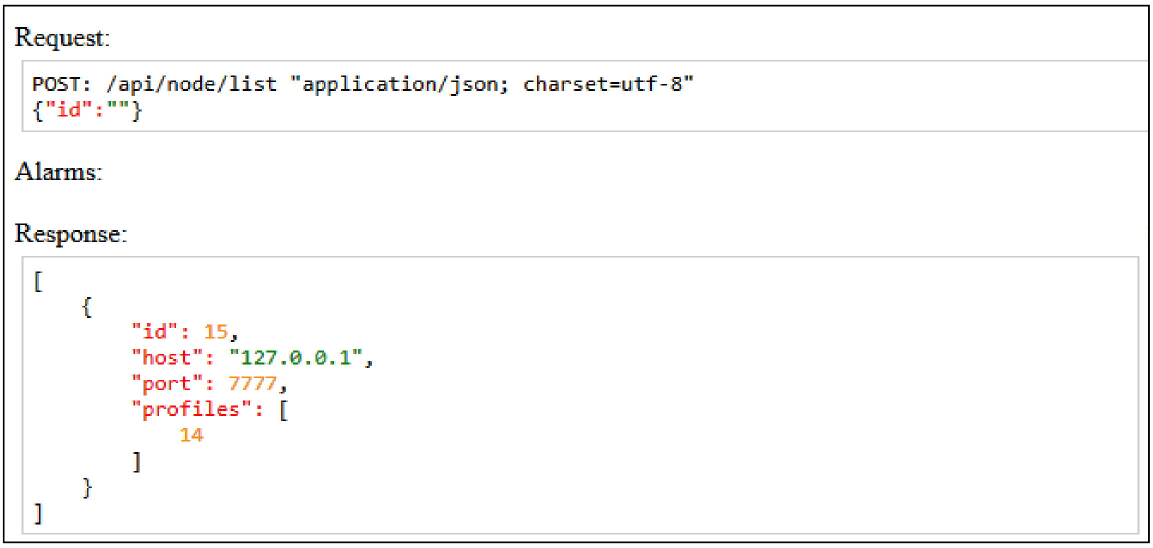
Node list Id:

Node new Ip: 127.0.0.1 Port: 7777 ProfileList: 14

Node update Id: Load by id Ip: Port: Profiles:

Node delete Id:

Press `Node list`. A list of nodes will appear at the bottom of the page



Request:

```
POST: /api/node/list "application/json; charset=utf-8"
{"id":""}
```

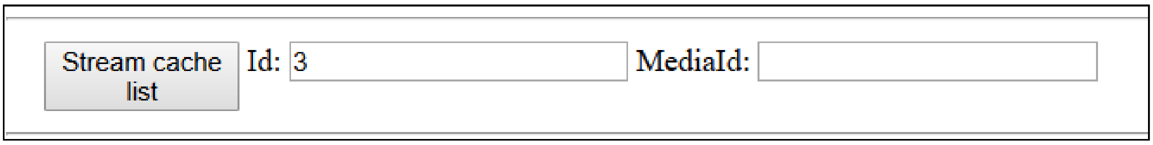
Alarms:

Response:

```
[
    {
        "id": 15,
        "host": "127.0.0.1",
        "port": 7777,
        "profiles": [
            14
        ]
    }
]
```

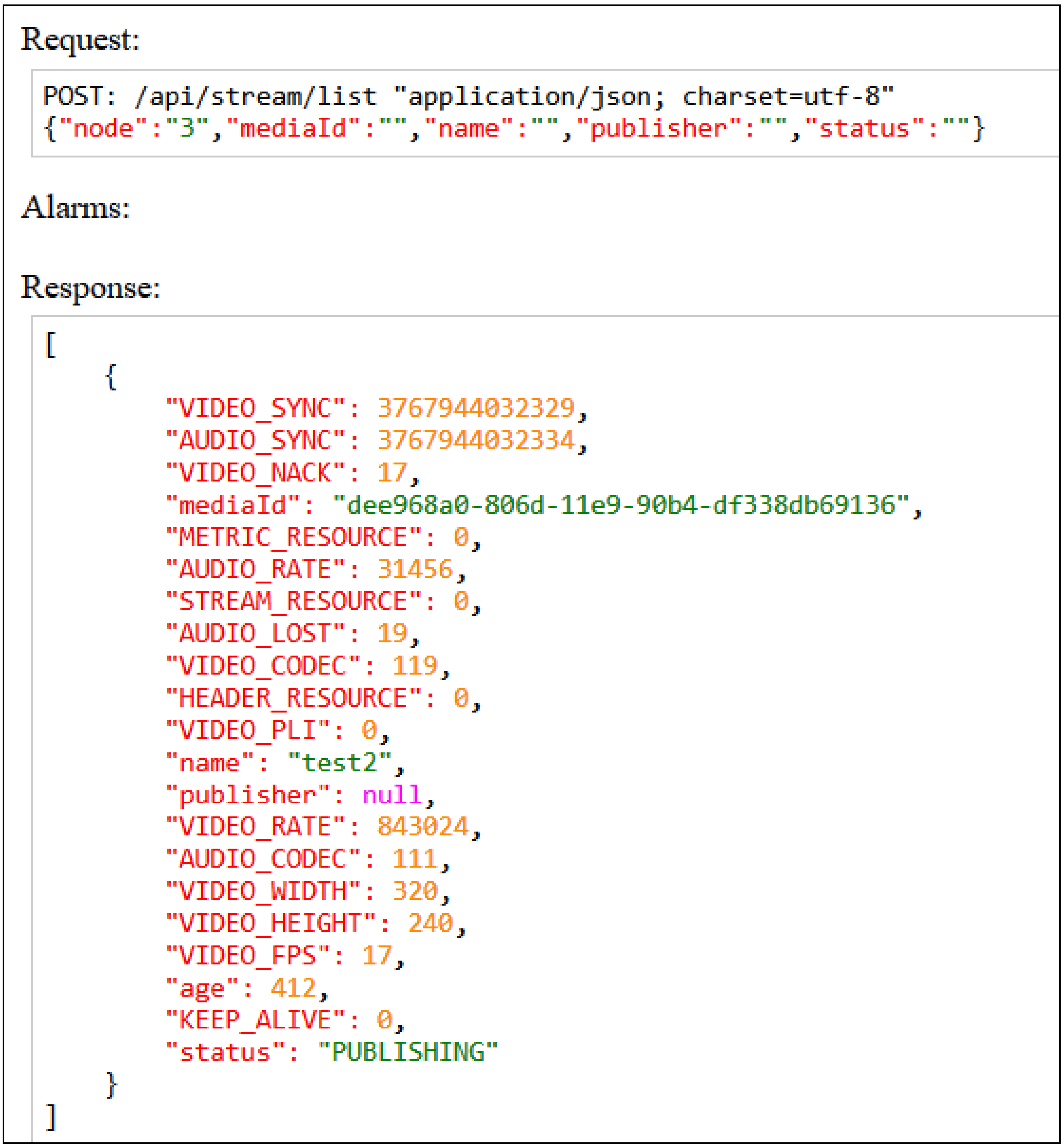
Obtaining current information about streams

Open Two-way Streaming example, publish a stream. Set the node identifier and press `Stream cache list`



Id: 3 MediaId:

A list of streams will appear at the bottom of the page



Request:

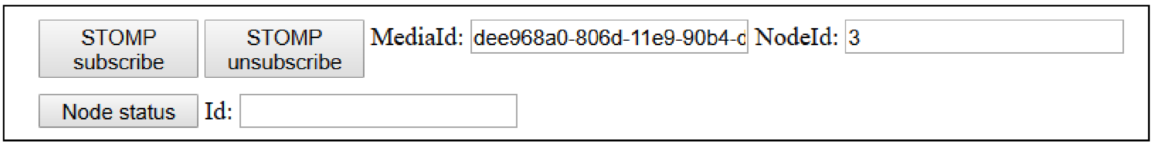
```
POST: /api/stream/list "application/json; charset=utf-8"
{"node":"3","mediaId":"","name":"","publisher":"","status":""}
```

Alarms:

Response:

```
[
    {
        "VIDEO_SYNC": 3767944032329,
        "AUDIO_SYNC": 3767944032334,
        "VIDEO_NACK": 17,
        "mediaId": "dee968a0-806d-11e9-90b4-df338db69136",
        "METRIC_RESOURCE": 0,
        "AUDIO_RATE": 31456,
        "STREAM_RESOURCE": 0,
        "AUDIO_LOST": 19,
        "VIDEO_CODEC": 119,
        "HEADER_RESOURCE": 0,
        "VIDEO_PLI": 0,
        "name": "test2",
        "publisher": null,
        "VIDEO_RATE": 843024,
        "AUDIO_CODEC": 111,
        "VIDEO_WIDTH": 320,
        "VIDEO_HEIGHT": 240,
        "VIDEO_FPS": 17,
        "age": 412,
        "KEEP_ALIVE": 0,
        "status": "PUBLISHING"
    }
]
```

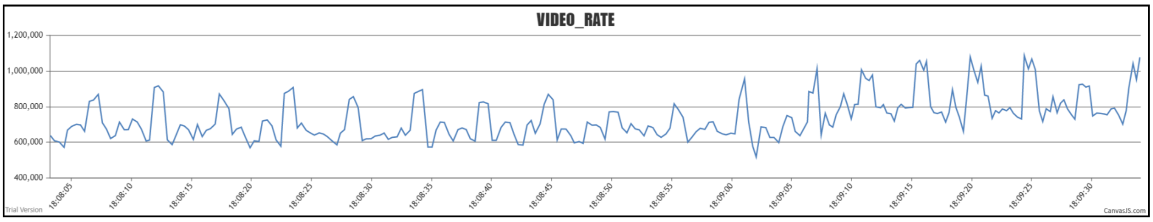
Copy `node` and `mediaId` parameters to `MediaId` и `NodeId` fields, press `STOMP subscribe`



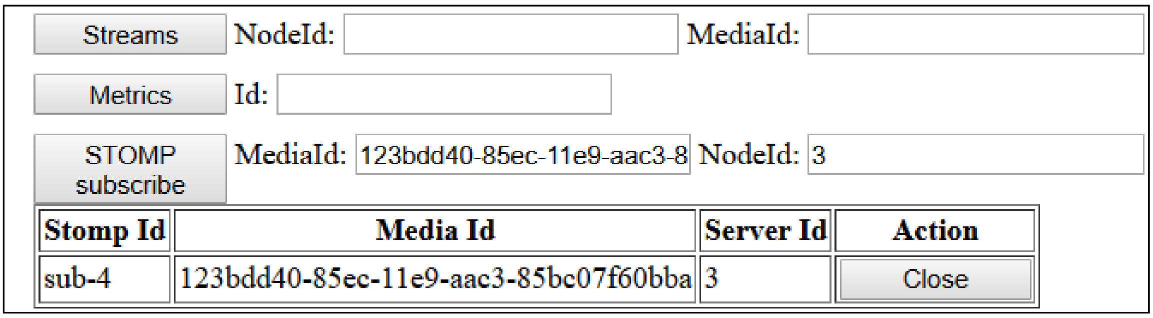
MediaId: dee968a0-806d-11e9-90b4-c NodeId: 3

Id:

In a separate browser tab, video bitrate graph begins to be drawn



Press `Close`. The graph tab will be closed, STOMP messages with stream data will be stopped



NodeId: MediaId:

Id:

MediaId: 123bdd40-85ec-11e9-aac3-8 NodeId: 3

Stomp Id	Media Id	Server Id	Action
sub-4	123bdd40-85ec-11e9-aac3-85bc07f60bba	3	Close