

Mstreamer Cloud Edition REST APIs

Job Operations (Streaming Server)

Create Job

Description

To Create a job, send a POST request to the “URI” resource.

Reqeusts

```
POST /v1/jobs HTTP/1.1

{
  "Input":{
    "Url":"Url of the input source"
  },
  "Outputs":{
    "StreamType":"http|rtsp"
  }
}
```

Response

```
Status: 201 Created

{
  "Job":{
    "Id":"Id that assigns to the job",
    "Input":{
      "Url":"Url of the input source"
    },
    "Outputs":{
      "StreamType":"hls|rtsp",
      "StreamUrl":"name of the streaming url"
    }
  }
  "Status":"Submitted|Progressing|Complete|Canceled|Error"
}
```

List Job

Description

To get a list of the jobs that order by Id, send a GET request to the /v1/jobs/ resource.

Reqeusts

GET /v1/jobs?status=[Submitted|Progressing|Complete|Canceled|Error]&page=value for accessing the next page of results HTTP/1.1

Response

Status: 200 OK

```
{
  "Jobs":[
    {
      "Id":"Id that assigns to the job",
      "Input":{
        "Url":"Url of the input source"
      },
      "Outputs":{
        "StreamType":"hls|rtsp",
        "StreamUrl":"name of the streaming url"
      }
    },
    {...}
  ],
  "NextPage":"value for accessing the next page of results|null"
}
```

Read Job

Description

To get detailed information about a job, send a GET request to the /v1/jobs/jobId resource.

Reqeusts

GET /v1/jobs/jobId HTTP/1.1

Response

Status: 200 OK

```
{
  "Job":{
    "Id":"Id that assigns to the job",
    "Input":{
      "Url":"Url of the input source"
    },
    "Outputs":{
      "StreamType":"hls|rtsp",
      "StreamUrl":"name of the streaming url"
    }
  },
  "Status":"Submitted|Progressing|Complete|Canceled|Error"
}
```

```
}
```

Cancel Job

Description

To cancel a job that streaming, send a DELETE request to the /v1/jobs/jobId resource

Reqeusts

```
DELETE /v1/jobs/jobId HTTP/1.1
```

Response

Status: 202 Accepted

```
{  
  "Success": "true"  
}
```