



# **IPTV JSON API**

**V 1.0**

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# IPTV JSON API Introduction

It provides a set of lightweight HTTP GET APIs to authenticate users and retrieve IPTV content including channels, movies, series, and metadata. Below is an overview of the core APIs.

## 1. API Base URL

`http://<server_ip>:<http_api_port>`

ex: `http://192.168.1.100:17000`

`https://<server_ip>:<https_api_port>`

ex: `https://192.168.1.100:17443`

## 2. Token Management

`GET /token/createtokenbased64_json?encrpty=X HTTP/1.0 \r\n\r\n`

- **Parameters**
  - **encrpty**: base64-encoded string of user id and password
- **Return**
  - {"token":"X","httpport":"X","daysleft":"X","advert":"X"}
    - Ex. {"token":"0.123456,0.123456","httpport":"8000","daysleft":"365","advert ":"1"}
      - Token value: 0.123456,0.123456
      - httpport: video streaming port 8000 for player
      - User expired after 365 days
      - Advert folder is ready for advertisement streaming
  - {"token":"-2"}
    - Wrong User ID or Password
  - {"token":"-3"}
    - Time Expired

`GET /token/destroytoken_json?token=X HTTP/1.0 \r\n\r\n`

- **Parameters**
  - **token**: the token returned by createtoken or createtokenbased64\_json
- **Return**
  - {"token":"X"}
    - Ex. {"token":"0.123456,0.123456"}
      - Token value: 0.123456,0.123456



### 3. Content Retrieval

GET /server/get\_content\_list\_json?token=X&type=X HTTP/1.0 \r\n\r\n

- **Parameters**
  - **token**: the token returned by createtoken or createtokenbased64\_json
  - **type**: channel, movie, series
- **Return**
  - type=channel
    - {name:"X","stream\_type":"X","stream\_icon":"X","epg\_channel\_id":"X","category\_name":"X"}
  - type=movie
    - {name:"X","stream\_type":"X","stream\_icon":"X","rating":"X","category\_name":"X"}
  - type=series
    - {name:"X","cover":"X","category\_name ":"X","releaseDate ":"X"}



## 4. Metadata Lookup

**GET /server/get\_epg\_list\_json?token=X&name=X HTTP/1.0 \r\n\r\n**

- **Parameters**
  - **token**: the token returned by createtoken or createtokenbased64\_json
  - **name**: channel name
- **Return**
  - {"id":"X","epg\_id":"X","title":"X","lang":"X","start":"X","end":"X","description":"X","channel\_id":"X","start\_timestamp":"X","stop\_timestamp":"X"}

**GET /server/get\_movie\_info\_json?token=X&name=X HTTP/1.0 \r\n\r\n**

- **Parameters**
  - **token**: the token returned by createtoken or createtokenbased64\_json
  - **name**: movie name
- **Return**
  - {"description":"X","ratingflag":"X","quality":"X","duration":"X","bitrate":"X"}

**GET /server/get\_series\_info\_json?token=X&name=X HTTP/1.0 \r\n\r\n**

- **Parameters**
  - **token**: the token returned by createtoken or createtokenbased64\_json
  - **name**: movie name
- **Return**
  - {"description":"X","ratingflag":"X","season\_no":"X","released\_date":"X"}



## 5. Play URL Format

**http://<server\_ip>:< httpport >/<name>?token=token**

ex: [http://192.168.1.100:8000/CNN\\_HD?token=0.123456,0.123456](http://192.168.1.100:8000/CNN_HD?token=0.123456,0.123456)

**https://<server\_ip>:< httpport >/<name>?token=token**

ex: [https://192.168.1.100:443/CNN\\_HD?token=0.123456,0.123456](https://192.168.1.100:443/CNN_HD?token=0.123456,0.123456)