# [How-To] Player API v2

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By BlackDream, December 6, 2016 in Tutorials

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Hello,

These are the new API Calls, that you have to use. It is highly recommended to use this API as it is much faster than the previous one, and also more accurate and with abilities to be extended much more easier and faster than before.

**Note**: The API Does not provide Full links to the requested stream. You have to build the url to the stream in order to play it.

- *For Live Streams the main format is*

  http(s)://domain:port/live/*username*/*password*/streamID.ext ( In  **allowed_output_formats** element you have the available *ext* )

- *For VOD Streams the format is:*

  http(s)://domain:port/movie/*username*/*password*/streamID.ext ( In  **target_container** element you have the available *ext* )

- *For Series Streams the format is*

  http(s)://domain:port/series/*username*/*password*/streamID.ext ( In  **target_container** element you have the available *ext* )

On the First Authentication Call, you will get a list of some useful elements. If the **server_protocol** element is **https** you have to force all the API & Player Requests to be through **https**. The same Call, also provides the http(s) ports in case you need them as well as the domain name you should use.
The current datetime & timestamps are offered to you and can help you for time corrections for EPG & TV Archive.

If you want to limit the displayed output data, you can use **params[offset]=X & params[items_per_page]=X** on your call.

*It is higly recommended to fetch all data at once and cache them to your Application.*

**Authentication**

```
player_api.php?username=X&password=X
```

**GET Live Stream Categories**

```
player_api.php?username=X&password=X&action=get_live_categories
```

**GET VOD Stream Categories**

```
player_api.php?username=X&password=X&action=get_vod_categories
```

**GET SERIES Categories**

```
player_api.php?username=X&password=X&action=get_series_categories
```

**GET LIVE Streams**

```
player_api.php?username=X&password=X&action=get_live_streams  (This will get All LIVE Streams)
player_api.php?username=X&password=X&action=get_live_streams&category_id=X  (This will get All LIVE Streams in the selected category ONLY)
```

**GET VOD Streams**

```
player_api.php?username=X&password=X&action=get_vod_streams  (This will get All VOD Streams)
player_api.php?username=X&password=X&action=get_vod_streams&category_id=X  (This will get All VOD Streams in the selected category ONLY)
```

**GET SERIES Streams**

```
player_api.php?username=X&password=X&action=get_series  (This will get All Series)
player_api.php?username=X&password=X&action=get_series&category_id=X  (This will get All Series  in the selected category ONLY)
```

**GET SERIES Info**

```
player_api.php?username=X&password=X&action=get_series_info&series_id=X
```

The seasons array, might be filled or might be completely empty. If it is not empty, it will contain the cover, overview and the air date of the selected season.
In your APP if you want to display the series, you have to take that from the episodes array.

**The array keys of episodes array, are the seasons.** *IF the season key exists in seasons array, you can display a cover and information for that season. Here is an example of PHP Code.*

```php
<?php
$output = json_decode(file_get_contents("http://ip:port/player_api.php?username=api_test&password=api_test&action=get_series_info&series_id=X"
foreach ( array_keys( $output['episodes'] ) as $season_number )
{
    echo "Season $season_number";

    if ( array_key_exists( $season_number, $output['seasons'] ) )
    {
        echo "Cover: " . $output['seasons'][$season_number]['cover'];
        echo "Overview: " . $output['seasons'][$season_number]['overview'];
    }
}
```

**GET VOD Info**

```
player_api.php?username=X&password=X&action=get_vod_info&vod_id=X  (This will get info such as video codecs, duration, description, director
```

**GET short_epg for LIVE Streams (same as stalker portal, prints the next X EPG that will play soon)**

```
player_api.php?username=X&password=X&action=get_short_epg&stream_id=X
player_api.php?username=X&password=X&action=get_short_epg&stream_id=X&limit=X  (You can specify a limit too, without limit the default is 4
```

**GET ALL EPG for LIVE Streams (same as stalker portal, but it will print all epg listings regardless of the day)**

```
player_api.php?username=X&password=X&action=get_simple_data_table&stream_id=X
```

**Full EPG List for all Streams**

```
xmltv.php?username=X&password=X
```

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