Stupeflix Factory Documentation

Release 1.0

Stupeflix

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Contents

Stupeflix Factory allows you to integrate a feature complete Stupeflix Editor into your application flow.

Getting started

A Stupeflix Factory has an unique URL in the form of
`http://studio.stupeflix.com/factory/FACTORY_ID/`.

A demo Stupeflix Factory is available to try at http://studio.stupeflix.com/factory/demo/.

1.1 Factory parameters

Stupeflix Factory works like a basic html form with `action`, `method` and `target` parameters defining how the factory will call you server back.

action The URL of the program that will process the information submitted by the factory. If this value is not specified the factory will submit to a debug page.

method The HTTP method to use to submit the factory information to the `action` URL. Possible values are `get` (default) or `post`.

target

A name or keyword indicating where to display the response returned by the action URL.

- `_self`: Load the response into the same frame as the factory.

- `_blank`: Load the response into a new unnamed window.

- `_parent`: Load the response into the factory parent frame. If there is no parent, this option behaves the same way as _self.

- `_top` (default): Load the response into the factory top-level parent frame. If there is no parent, this option behaves the same way as _self.

video_id You may specify a `video_id` parameter to create an identified project or to re-open a previously created project. The `video_id` value must be alphanumerical with a max length of 20.

definition Use the `definition` parameter to prepopulate the editor. The `definition` value must be a valid json project definition. If submitted with a `video_id` parameter the definition will erase the associated project definition.

Add these parameters as GET parameters to your factory URL and open it into the window/iframe of your choice.

Stupeflix Factory will allow your user to compose, preview and export a single video.

1.2 Factory response

Once your user's video is ready Stupeflix Factory will call your server back with the following data:

video_id Stupeflix internal unique video identifier.

video_name The name your user gave to her video.

video_url The URL of the exported video file.

thumb_url An URL pointing to a thumbnail of the exported video.

hres The horizontal (x) resolution of the exported video and thumbnail.

vres The vertical (y) resolution of the exported video and thumbnail.

error If the factory encountered an error it will show up here.

1.3 Static configuration

Stupeflix Factory supports a number of server side configuration parameters.
For now these parameters can only be set by Stupeflix staff.

allow_preview Defines if the factory allows the user to preview her video. Possible values are `true` or `false`.

custom_css_url The URL of an extra css file to include into the factory html pages.

custom_media_library_url

> The URL of a custom media library server. See *How to implement a Custom Media Library Server*.
> If configured Stupeflix Factory will display the custom media library option alongside the others media importers.

custom_media_library_name The name to display for the custom media library option.

export_label The label to display for the export button, default is `Export`.

export_profile The video format to use to export the user's video. See Stupeflix API supported formats.

rendering_label The label to display on the video rendering screen (progress bar), default is `Please wait while Stupeflix.com creates your video....`

upload_target

> Where to upload the exported video.
> Stupeflix Factory supports Youtube, Facebook, Dailymotion, S3, FTP, HTTP POST and HTTP PUT uploads.

video_name The default name for new videos, default is `My Stupeflix Video`.

How to implement a Custom Media Library Server

2.1 Requests

Stupeflix Factory will query the configured `custom_media_library_url` each time an user wants to access the custom library content.

2.1.1 Root level content

To get a 50 items list starting at the item n°0, Stupeflix Factory will issue a GET request to:

`http://custom_media_library_url?method=getList&offset=0&limit=50`

GET parameters:

name	value
method	getList
offset	0
limit	50

to get the next 50 items the request will be:

`http://custom_media_library_url?method=getList&offset=50&limit=50`

GET parameters:

name	value
method	getList
offset	50
limit	50

2.1.2 Folder content

To get the 50 first items of the folder `562436708`, Stupeflix Factory will issue a GET request to:

`http://custom_media_library_url?method=getList&id=562436708&offset=50&limit=50`

	name	value
	method	getList
GET parameters:	id	562436708
	offset	0
	limit	50

2.2 Responses

custom_media_library_url server responses are expected in JSON format (http://www.json.org/) with an `application/javascript` Content-Type.

```
{
  /* offset & limit values used for this response */
  "offset": 0,
  "limit": 50,

  /* Items to display (array)
     supported types are folder, image, video */

  "items": [

    {
      "type": "folder",
      "id": "562436708",    /* Unique folder identifier on your server.
                                Stupeflix Factory will issue a GET request to:
                                http://custom_media_library_url?method=getList&id=562436708&offset=0&.
                                to get this folder content */

      "title": "Folder A",  /* Name to display */

      "thumb_url": "http://whatever/thumbnail/url.jpg", /* Url of the thumbnail to display */

      /* Optional properties */
      "num_entries": 10 // Number of entries in this folder */
    },

    {
      "type": "image",
      "title": "Image 1",
      "file_url": "http://image-1/url.jpg",
      "thumb_url": "http://image-1/thumbnail/url.jpg",

      /* Optional properties */
      "height": 800,    // Height of the image in pixels
      "width": 600      // Width of the image in pixels
    },

    {
      "type": "video",
      "title": "Video 1",
      "file_url": "http://video-1/url.mp4",
      "thumb_url": "http://video-1/thumbnail/url.jpg",

      /* Optional properties */
      "height": 640,    // Height of the video in pixels
      "width": 480,     // Width of the video in pixels
```

```
        "duration": 120    // Duration of the video in seconds
      }

  ],

  /* Does the server have more items in this list ?
     If has_more is true, Stupeflix Factory will issue a new GET request with an incremented offset p
  "has_more": false
}
```