dFlip [1.1]

Realistic 3D FlipBook Experience

for Magazines, Photographers, Portfolios, Brochures, Catalogs, Manuals, Publishing and more…

Reference Manual
Created with Open Office 4.1 - Writer

Stunning experience

dFlip

REALISTIC 3D
PRESENTATION

– – – – – –

Showcase
&
Manual

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Introduction

Presenting the modern 3D/2D Flipbook
dFlip.

From advance CSS3 version to, amazing WebGL 3D version; now available for your easy usage.. all through versatile jQuery.
Supports both image and PDF formats.

Getting Started

dFlip flip-book plugin is **jQuery** based. Basically you can copy the files in folder to your working directory.

Recommended File Structure:

```
flipbook/
├── css/
│   ├── flipbook.css
│   └── ionicons.css
└── js/
    ├── book/
    │   └── flipbook.min.js
    └── libs/
        ├── jquery-1.9.1.min.js
        ├── pdf.min.js
        ├── pdf.worker.min.js
        ├── three.worker.min.js
        └── mockup.min.js
```

File Template

And ensure the following files are included in the html.

CSS:

```html
<!-- Flipbook StyleSheet -->
<link href="css/flipbook.css" rel="stylesheet" type="text/css">

<!-- Icons Stylesheet -->
<link href="css/ionicons.css" rel="stylesheet" type="text/css">
```

JavaScript:

```html
<!-- jQuery 1.9.1 or above -->
<script src="js/libs/jquery-1.9.1.min.js" type="text/javascript">
</script>

<!-- Flipbook main Js file -->
<script src="js/book/flipbook.min.js" type="text/javascript">
</script>
```

Other Files?:

There are other Javascript file that will be included automatically depending on the situation. So they should in the same directory as the libs files (recommended)

```
//dependency URLS
pdfjsSrc: "js/libs/pdf.min.js",
pdfjsWorkerSrc: "js/libs/pdf.worker.min.js",

threejsSrc: "js/libs/three.min.js",
mockupjsSrc: "js/libs/mockup.min.js",
```

You can change the location but then you will have to specify the new location in the settings described below.

Usage

Normally you can just use the following jQuery based syntax:

```
var flipBook = $("#flipbookContainer").flipBook(source, options);
```

Source is either array of images:

```
var source = ["img1.jpg","img2.jpg",.....];
```

or string link to pdf file :

```
var source = "someplace/pdf-to-be-loaded.pdf";
```

Options are set of settings that are available for customization discussed below:

In detail example:

```javascript
var flipBook;

//best to start when the document is loaded
$(document).ready(function () {

  var source, options = {height: 500, duration: 500}, undef = void
  0;

  var images = [];
  for (var imgCount = 0; imgCount < 31; imgCount++) {

      images[imgCount] = "./data/book/RFF-Resources_191_web/" +
      ('0000' + (imgCount + 1)).slice(-4) + ".jpg";

  }
  source = images;
  if (typeof PRESENTATION !== 'undefined') {

      PRESENTATION.defaults.backgroundImage =
      "images/textures/white.jpg";

  }

  flipBook = $("#container").flipBook(source, options);

});
```

Options

To provide customization following options are available:

```
var options={
    //sets if to use 3d or not - recommended is true(auto)
    isWebGl: true,

    /*dependency URLS*/
    //source link for PDF.JS file
    pdfjsSrc: "js/libs/pdf.min.js",
    //source link for PDF.WORKER.JS file
    pdfjsWorkerSrc: "js/libs/pdf.worker.min.js",

    //source link for THREE.JS file
    threejsSrc: "js/libs/three.min.js",
    //source link for MOCKUP.JS file
    mockupjsSrc: "js/libs/mockup.min.js",

    /*DOM parameters*/
    //height of the container
    height: 320,

    //if texture fallback override is required
    textureLoadFallback: "blank",//"images/textures/white.jpg",
    //controls the flexibility of the paper more value for more
    flexiblilty
    stiffness: 2.5,
    //duration of page turn
    duration: 400,
```

```
        //color value in hexadecimal
        backgroundColor: "#777",
        backgroundRepeat : 800,
        //link to the images file that you want as background.
        supported files are jpgs,png. smaller files are preffered for
        performance
        backgroundImage: "blank",//"images/textures/el.jpg",
        //or any number like 5, 500. recommended: "auto"
        backgroundImageRepeat: "auto",

        //texture settings
        maxTextureSize: 1600,
        minTextureSize: 512,
        pageRatio: undef,
        defaultPageRatio: 210 / 297,

        //developer parameters
        enableDebugLog: false,
        canvasToBlob: true
    };
```

Sources and Credits

I've used the following files/libraries as listed.

[jQuery](#)

[Three.js](#)

[Mockup.js](#)

[Pdf.js](#)

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