

## Features

1. Displaying a spherical panorama with markers of the transition from one picture to another (based on engine Alternativa 3D).
2. A very simple process of creating a panorama, you just pick up photos and complete xml file.
3. Using the software OpenGL acceleration.
4. The ability to customize the display quality panoramas.
5. Ability to upload their own images to display markers of transition between pictures.

## Requirements

1. Availability Adobe Flash Player version of 10.2 and above.
2. A set of specially prepared for spherical panorama photos

## Installation

1. Download the archive, which contains all the necessary files for a panorama.
2. Unpack the archive in any place locally on your computer.
3. Copy the file in the root directory of the Web site on the Web server.
4. You must change the HTML-code the page to which you want to embed the panorama:
  - o Add a string tag <HEAD> <script type="text/javascript" src="js/flashobject.js"> </ script>
  - o Copy and post the code to insert a flash application in the segment of HTML-code where you want to see the panorama:

```
<div id="flashcontent1" class="container" style="height:100%"><span class="homecopy"> Sorry. This website requires you to have javascript enabled and Flash Player 9 or higher. Please, click <a href="http://www.macromedia.com/shockwave/download/download.cgi?P1_Prod_Version=ShockwaveFlash" class="fl"> here </ a> to install.</ span> </ div>
```

```
<script type="text/javascript">
// <! [CDATA [
var fo = new FlashObject ("360pano.swf", "movie", "800", "600", "10", "");
// Fo.addParam ("scale", "noscale");
fo.addParam ("allowScriptAccess", "sameDomain");
fo.addParam ("allowFullScreen", "true");
fo.addParam ("wMode", "direct");
fo.addVariable ('xmlName', 'map.xml');
fo.addVariable ('quality3D', '70 ');
fo.write ("flashcontent1");
// ]]>
</ Script>
```

- o Specify the embed code parameter **xmlName** - the name of the xml file with a map of panorama. For example: map.xml
- o Specify the embed code parameter **quality3D** = (0 to 100%), which is responsible for the quality of detailing the scope, which is projected picture.

- Create your panorama using an XML file

### Creating your own panoramas (the formation of XML-file).

XML file consists of individual points of view - rooms.

Each individual point of view is created using the tag <room>, which has the following required parameters

**path** - the path to the image;

**name** - the **name** identifier for each of the points of view;

**description** - a textual description of the point of view.

By default, will load the first point of the review described in the XML-file. Each point of view can have a marker, click on that you can jump to another point of view.

Tags <marker> are children of the tag <room>. The token has the following properties:

**corner** - angle horizontal view, where the marker should be located;

**cornerV** - angle vertical view, where the marker should be located;

**distance** - the distance from the center to the marker (not to exceed 900);

**path** - path to the image marker (a marker for the correct display, use an image of PNG with a resolution of 128x128 pixels);

**description** - signature on the token;

**link** - the name (**name**) point of view, which leads to the token - the key tag, through which the binding of different viewpoints. Link marker and name the point of the review should coincide with an accuracy and sensitive.

#### Sample XML file

```
<?xml version="1.0" encoding="UTF-8"?>
<rooms>
  <room path = "pics/Street.jpg" name = "room_1" description="Main street">
    <marker corner="0" cornerV="0" distance = "850" description="PIER" link="pier"/>
  </room>
  <room path = "pics/pier.jpg" name = "pier" description="Pier">
    <marker corner="0" cornerV="15" path="markers/1.png" distance = "850" description="GO
HOME" link="room_1"/>
  </room>
</rooms>
```