
Banner Rotator

Web Part

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Version 1.0

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Description

The Banner Rotator Web Part rotates the image files contained in the specified Sharepoint Picture Library. The Web Part can be used with Windows Sharepoint Services V3, MOSS 2007 and Sharepoint 2010.

The following parameters can be configured:

- The Sharepoint Picture Library containing the pictures
- An optional Library Folder containing the images
- Transparent Text area (can be freely positioned)
- Either rotate banners, show a new banner every day or on every page refresh

Prerequisites

Before you attempt to install the solutions you need to make sure that you have the following installed on your server(s):

- Microsoft Office SharePoint Server 2007, WSS 3.0 or Sharepoint 2010

Installation

Manual Installation

1. download and unpack the **AEBannerRotatorWebpart.zip** file.
The ZIP archive contains the AERotatorWebpart.dll and the AERotator.webpart files.
2. drop the **AERotatorWebpart.dll** either into the SPS web application bin directory or into the GAC of your Sharepoint server (c:\windows\assembly).
3. add the following line to the "<SafeControls>" section of your Web.Config file.
Please make sure that the line is added as one single line (no line breaks):

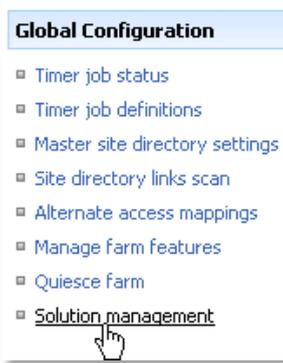
```
<SafeControl Assembly="AERotatorWebpart, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=8db6b6736dcdba89" Namespace="AERotatorWebpart" TypeName="*" Safe="True" />
```

4. from the top site go to "Site Actions/Site Settings/Modify All Site Settings/Galleries/Web Parts"
5. use the "Upload" menu option to upload the **AERotator.webpart** file.

Automatic Installation

1. Unpack the **AERotatorWebpart.wsp** and **Install.bat** files from the Zip Archive and place the 2 files onto your Sharepoint Server.
2. Add the Solution by either running **Install.bat** or manually entering:
stsadm -o addsolution -filename AERotatorwebpart.wsp

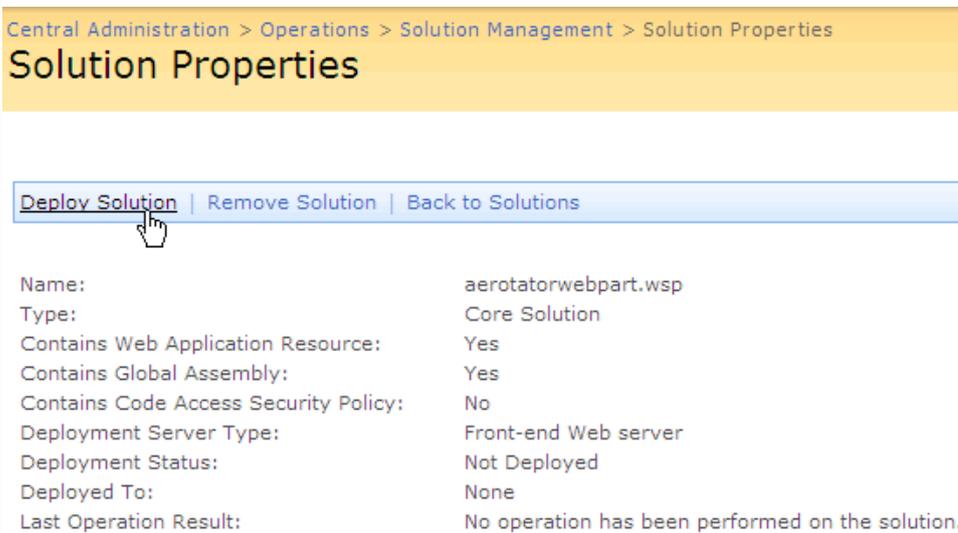
3. Deploy the solution by navigating with your browser to “Central Administration->Operations->Solution Management”:



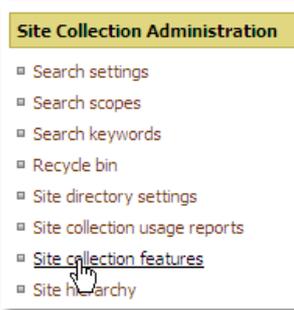
4. You should now see the **AERotatorWebpart.wsp** in the farm’s solution store:



Click on “AERotatorWebpart.wsp” to deploy the solution:



5. Proceed to activate the feature by navigating to the "Site Actions/Site Settings" page in your top-level site:



Choose "Site collection features" to navigate to the Site Collection Features page:

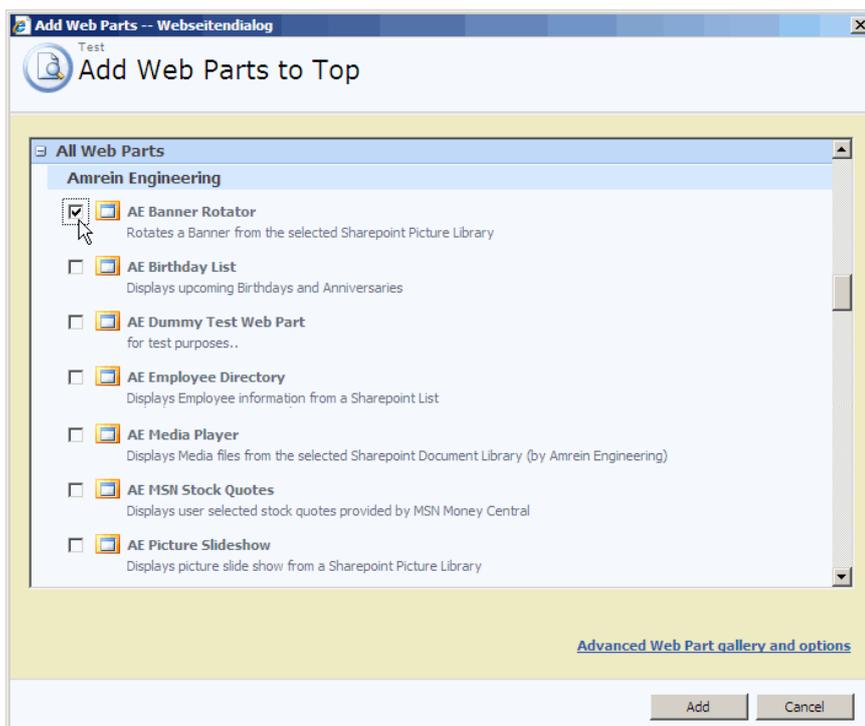


Activate the "AE Rotator Web Part" feature

Adding the Web Part to a Page

Navigate to a page where you would like to place the web part and choose "Site Actions/Edit Page"

1. Add the web part to the appropriate zone. The web part is listed in the "Amrein Engineering" gallery section :



Web Part Configuration

Configure the following Web Part properties in the Web Part Editor "Miscellaneous" pane section as needed:

The screenshot shows the configuration interface for the 'AE Banner Rotator' web part. The 'Miscellaneous' section is expanded, showing various settings:

- Site Name:** An empty text box.
- List Name:** A text box containing 'Banners'.
- View Name:** An empty text box.
- Banner Rotation speed (ms):** A text box containing '4000'.
- Field Template:** A text box containing the HTML code: `{Title}
{Descrip`.
- Banner CSS Style:** A text box containing the CSS code: `font-family:arial; text-align:le`.
- Textbox width (px):** A text box containing '300'.
- Textbox height (px):** A text box containing '120'.
- Textbox Left Margin (px):** A text box containing '350'.
- Textbox Top Margin (px):** A text box containing '150'.
- Transparency:** A text box containing 'black-50'.
- Show new banner every day:** An unchecked checkbox.
- Open Links in new window:** A checked checkbox.
- License Key:** An empty text box.

- **Site Name:**
 - Enter the name of the site that contains the Banner Picture Library:
 - leave this field empty if the Library is in the current site (eg. the Web Part is placed in the same site)
 - Enter a "/" character if the Library is contained in the top site
 - Enter a path if the Library is in a subsite of the current site (eg. in the form of "current site/subsite")
- **List Name:**
 - Enter the desired Sharepoint Picture Library name.
 - If you want to display only the images contained in a specific Library folder, append the folder name (separated by a "/") to the Library name:

Example: **Site Pictures/Barbeque**

Please note that Library folders are supported only in the licensed version.

If an "URL" list column is found in the specified Sharepoint Library, it will be used as a hyperlink for the corresponding picture. The link then opens in a new browser window.

- **View Name:**
Optionally enter the desired List View of the Library specified above. A List View allows you to specify specific data filtering and sorting. Please note that you need to select both the "Picture Width" and "Picture Height" columns when defining the view. These values are needed to properly scale the images. You will also need to include the columns as specified in the "Field Template" setting.
Leave this field empty if you want to use the List default view.
- **Banner Rotation Speed:**
enter the banner rotation frame change time in milliseconds. Enter "0" if you don't want the banner to rotate dynamically.
- **Field Template:**
Enter the desired Library columns to be displayed in the semi-transparent text box (surrounded by curly braces). You can specify HTML tags and CSS styles to freely format the text.
Example:
`{Title}
{Description}`
- **Banner CSS Style:**
enter the desired CSS style attributes to format the text contained in the semi-transparent text box.
Example:
`font-family:arial; text-align:left; color:white; font-size:12px`
- **Textbox Width:**
enter the desired width of the semi-transparent text box in pixels.
- **Textbox Height:**
enter the desired height of the semi-transparent text box in pixels.
- **Textbox Left Margin:**
enter the desired left margin (relative to the banner image's left edge) of the semi-transparent text box in pixels.
- **Textbox Top Margin:**
enter the desired top margin (relative to the banner image's top edge) of the semi-transparent text box in pixels.
- **Transparency:**
enter the transparency color and transparency level. The following values are available:

white-00	gray-00	black-00
white-10	gray-10	black-10
white-20	gray-20	black-20
white-30	gray-30	black-30
white-40	gray-40	black-40
white-50	gray-50	black-50
white-60	gray-60	black-60
white-70	gray-70	black-70
white-80	gray-80	black-80
white-90	gray-90	black-90

You can alternatively specify a semi-transparent custom PNG image by entering the path to the custom image.

Example:

`/somesite/some Picture Library/red-30.png`



- **Show new banner every day:**
shows a new banner on every day when checked. Otherwise a new banner is displayed on every page refresh. Please note that these two display options only apply if you set the "Banner Rotation Speed" to zero.

- **Open Links in new window:**

Opens the target URL in a new browser window (See "URL" column above).

- **License Key:**

enter your Product License Key (as supplied after purchase of the "Image Rotator Web Part" license key).

Leave this field empty if you are using the free 30 day evaluation version or if you choose one of the License Activation described below.

License Activation

You have the following 3 options to enter your License Key:

1. Enter the License Key into the corresponding "License Key" field in the web part configuration pane (See description above).

2. WSP Solution Deployment:

Add the **License.txt** file (as supplied by AMREIN ENGINEERING after having purchased a license) to the Solution at the following location:

`c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12\template\features\AERotatorWebpart`

3. Manual Deployment:

Add the License Key to your web.config (typically found at c:\inetpub\wwwroot\wss\virtualdirectories\80) **<appSettings>** section as follows:

```
<appSettings>
  <add key="AEBR" value="AEBR-x-xxxxx-xxxxx-xx-xx" />
</appSettings>
```

Replace the "x" characters with your actual key values.

Please note that this method requires you to manually add the key to each Sharepoint application.