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# Image Rotator Web Part

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Version 1.1

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AE Image Rotator



### **Red Tulip**

A tulip is a flower in the genus *Tulipa*, comprising about 150 bulbous species, and in the family Liliaceae. The native range of the species includes southern Europe, north Africa, and Asia from Anatolia and Iran in the west to northeast of China.

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## Description

The Image Rotator Web Part selects a random image file on each page visit from the specified Sharepoint Picture Library.

The Web Part can be used both with Windows Sharepoint Services V3 and MOSS.

The following parameters can be configured:

- Sharepoint Picture Library containing the pictures
- optional Library Folder containing the images
- Image dimensions
- Show/Hide image caption
- Show new image 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 or WSS 3.0

## Installation

### Manual Installation

1. download and unpack the **AEImageRotatorWebpart.zip** file.  
The ZIP archive contains the AEImageRotatorWebpart.dll and the AEImageRotator.webpart files.
2. drop the **AEImageRotatorWebpart.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):

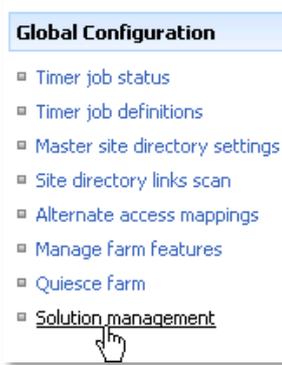
```
<SafeControl Assembly="AEImageRotatorWebpart, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=be46a2223f5f6d39" Namespace="AEImageRotatorWebpart" TypeName="*" Safe="True" />
```

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 AEImageRotator.webpart file.

### Automatic Installation

1. Unpack the **AEImageRotatorWebpart.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 AEImageRotatorwebpart.wsp

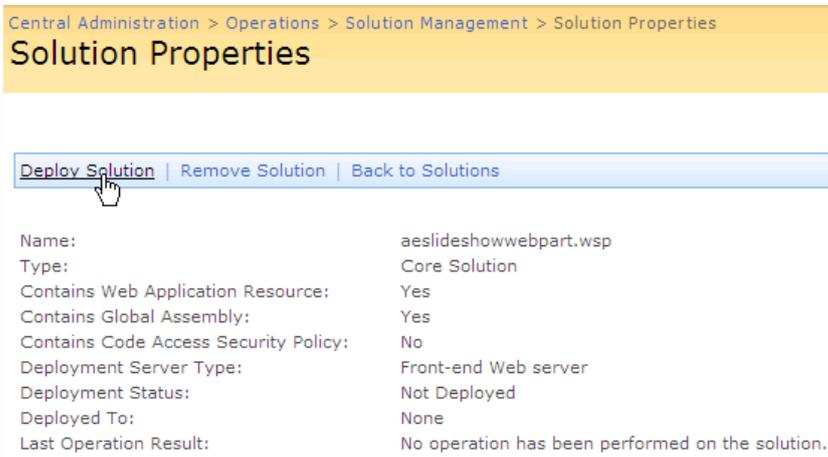
3. Deploy the solution by navigating with your browser to “Central Administration->Operations->Solution Management”:



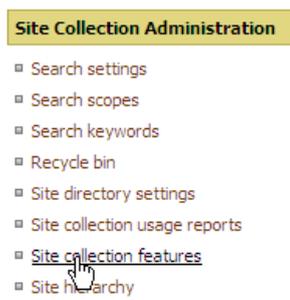
4. You should now see the **AEImageRotatorWebpart.wsp** in the farm’s solution store:



Click on “AEImageRotatorWebpart.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:

AE Home > Site Settings > Site Features

## Site Collection Features

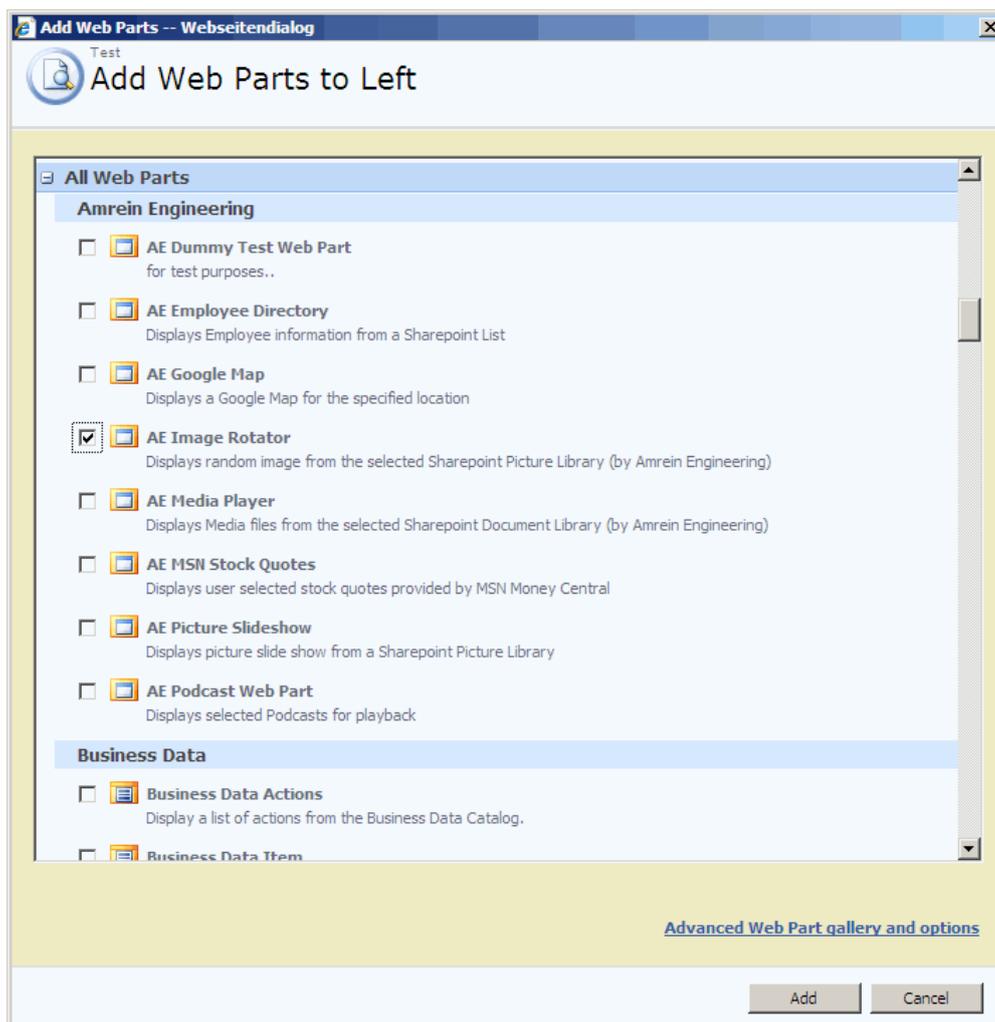
Name	Status
 <b>AE Currency Rates Web Part</b> Displays live currency rates as provided by Yahoo	<input type="button" value="Deactivate"/> <input type="button" value="Active"/>
 <b>AE Employee Directory Web Part</b> Displays Contacts Information as a Staff Directory	<input type="button" value="Deactivate"/> <input type="button" value="Active"/>
 <b>AE Google Map Web Part</b> Displays a Google Map for the specified location	<input type="button" value="Deactivate"/> <input type="button" value="Active"/>
 <b>AE ImageRotator Web Part</b> Displays random image from the selected Sharepoint Picture Library	<input type="button" value="Activate"/>

Activate the "AE ImageRotator 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 'Miscellaneous' configuration pane for a web part. The fields are as follows:

- Site Name:** An empty text input field.
- List Name:** A text input field containing 'Site Pictures'.
- View Name:** A text input field containing 'My Picture List View'.
- Image width (px):** A text input field containing '320'.
- Image height (px):** A text input field containing '200'.
- Show Image Caption:** A checked checkbox.
- Show new image every day:** A checked checkbox.
- Image Alignment:** A dropdown menu set to 'left'.
- License Key:** An empty text input field.

- **Site Name:**  
Enter the name of the site that contains the Spotlight 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 list 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 "Title" and "Description" columns if you are using the "Show Image Caption" option (see below).  
Leave this field empty if you want to use the List default view.
- **Image Width:**  
enter the desired maximum width of the images in pixels (the images will be automatically scaled if they are wider than this value)
- **Image Height:**  
enter the desired maximum height of the images in pixels (the images will be automatically scaled if they are taller than this value)

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than this value)

- **Show Image Caption:**  
display the image **Title** and image **Description** field as an image caption. The values are taken from the corresponding Sharepoint Picture Library "Title" and "Description" fields.

Please note that if you are specifying a "View Name" (see above), you will have to include the "Title" and "Description" columns in the View.

- **Show new image every day:**  
shows a new image on every day when clicked. Otherwise a new image is displayed on every page refresh
- **Image Alignment:**  
align the image to the left, center or right
- **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\AEImageRotatorWebpart
```

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="AEIR" value="AEIR-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.