

Audio & Video Podcast Web Part

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Version 1.0

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The screenshot displays a podcast player interface with three episodes listed. Each episode includes a title, a date and time stamp, a brief description, and a set of playback controls (play/pause, previous, next, and a progress bar). The first episode is titled "Social Networking & SharePoint, With Eric Harlan" and has a duration of 00:12:56. The second episode is "SharePoint Architecture Panel Discussion" and the third is "User Adoption – Build It and They Will NOT Come!". An iTunes logo is visible in the bottom right corner of the player area.

The MOSS Show

Social Networking & SharePoint, With Eric Harlan
Wed, 16 Sep 2009 16:49:13 +0000
Love them or hate them, social networking sites are here to stay. Does your company block access to these sites? Maybe it actively encourages their use? Join us as we talk with Eric Harlan to discuss how and why a company might want to block as well as embrace popular social networking sites and features, [...]

00:12:56

SharePoint Architecture Panel Discussion
Tue, 08 Sep 2009 06:49:03 +0000
With all of its moving parts, designing a good architecture for your SharePoint deployment can be quite a challenge. In this Tech Ed Africa panel discussion, join us as we grill some leading SharePoint pros with some challenging questions, and learn about some of the new features coming in SharePoint 2010. Show Links: The MOSS Show Twitter [...]

User Adoption – Build It and They Will NOT Come!
Thu, 27 Aug 2009 08:48:46 +0000
User Adoption continues to be a problem across many SharePoint deployments. Despite correctly configuring the infrastructure and developing and deploying a great solution that meets the needs of the users, users are often very slow and resistant to adopting SharePoint and using it effectively. In this Tech Ed panel discussion with local SharePoint user group [...]

iTunes

Description

The Audio & Video Podcast Web Part allows you to get the most recent podcast episodes from a podcast feed and play the episodes using the embedded MP3 player or the embedded Media player. You can also subscribe to the podcast via your local iTunes application.

The Web Part requires either Windows SharePoint Server 2007 (MOSS) or Windows SharePoint Services V3.

The following parameters can be configured:

- Podcast URL (either an external Feed or a Sharepoint Library)
- Number of episodes to be shown
- iTunes podcast ID

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 **AEPodcastWebpart.zip** file.
The ZIP archive contains the AEPodcastWebpart.dll and the AEPodcast.webpart files.
2. drop the **AEPodcastWebpart.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):

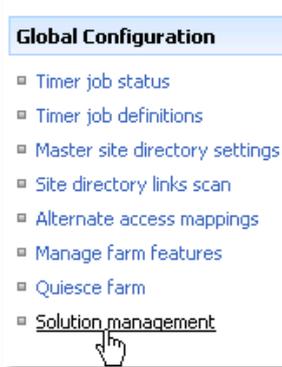
```
<SafeControl Assembly="AEPodcastWebpart, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=07e25aae4998b1aa" Namespace="AEPodcastWebpart" TypeName="*" Safe="True" />
```

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 AEPodcast.webpart file.

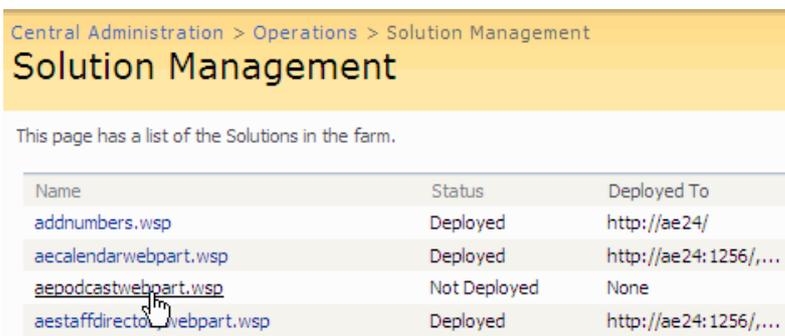
Automatic Installation

1. Unpack the **AEPodcastWebpart.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 AEPodcastwebpart.wsp

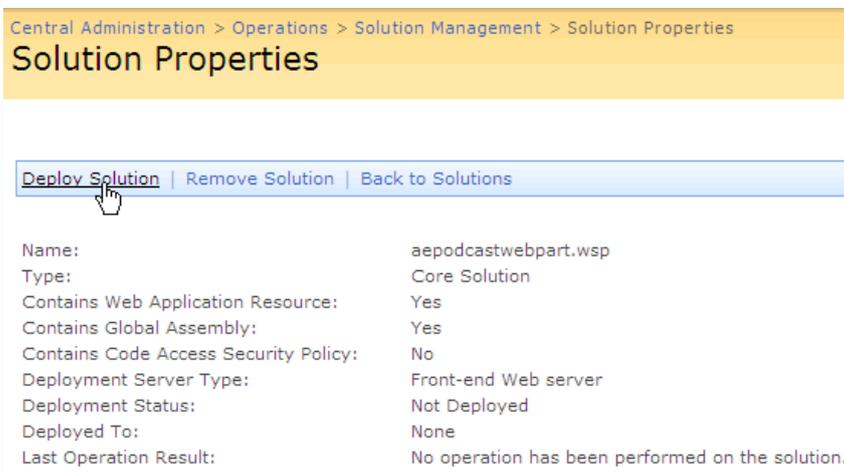
3. Deploy the solution by navigating with your browser to “Central Administration->Operations->Solution Management”:



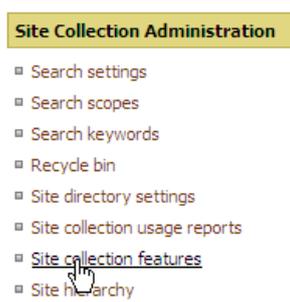
4. You should now see the **AEPodcastWebpart.wsp** in the farm’s solution store:



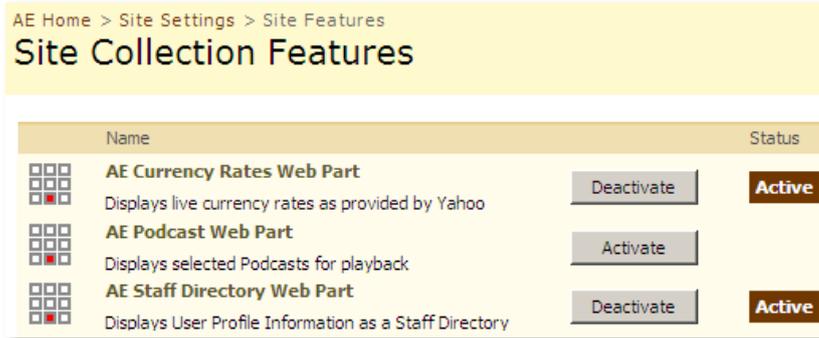
Click on “AEPodcastWebpart.wsp” to deploy the solution:



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:

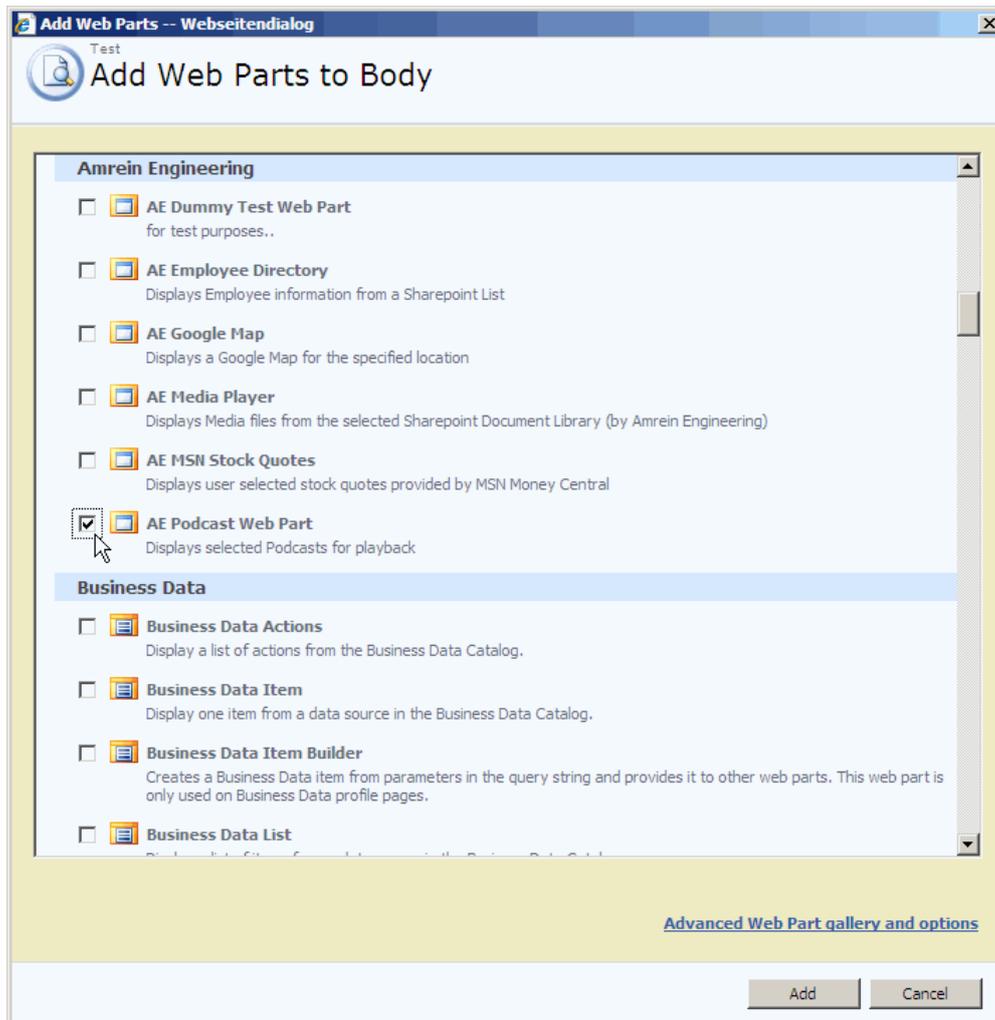


Activate the "AE Podcast Web Part" feature

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' pane of a Web Part Editor. It contains the following fields:

- Podcast URL:** A text box containing the URL `http://feeds.reuters.com/reut`.
- Nbr. of episodes:** A text box containing the number `5`.
- iTunes Podcast ID:** A text box containing the ID `94537009`.
- Player width (px):** A text box containing the value `320`.
- Player height (px):** A text box containing the value `200`.
- License Key:** An empty text box.

○ **Podcast URL:**

- *External Feed:*
Enter the name of the podcast XML file

Examples:

<http://feeds.feedburner.com/TheMossShow?format=xml>
<http://feeds.reuters.com/reuters/video/companyus/rss/mp4?format=xml>

- *Internal Feed:*
Enter the Sharepoint Library path name of the local Sharepoint Library to be used as a feed.
Enter the full Library path as follows: "current site/subsite/Library Name". Do not precede the entered value with the server host name!
Example: **SomeSubsite/Lists/Audio Files**

The feed items will automatically be sorted by ID in descending order to ensure that new items appear at the top of the feed.

You can additionally specify a Library View by appending the View name to the Library path, preceded by a colon.

Example: **SomeSubsite/Lists/Audio Files:Some Custom View**

The feed items will in this case be sorted as specified in the View configuration.

For example, you can create a View to sort the library items descending by the "Created" list column. This would ensure that the feed only shows the newest items added to the Library.

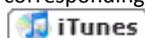
The selected Sharepoint List should explicitly contain a "**Title**" and a "**Description**" column.

○ **Nbr. of episodes:**

Enter the desired number of most recent episodes to be displayed.

○ **iTunes Podcast ID:**

Enter the corresponding iTunes podcast ID number if you want to enable the iTunes Subscription button at the bottom of the web part. If the user clicks on the button, the local iTunes application is automatically started and the corresponding podcast is presented. The user then only needs to click the "Subscribe" button.



You can look up the ID by selecting the podcast show in the iTunes application. Right-click on the podcast logo to copy the podcast ID to the clipboard:

<http://itunes.apple.com/WebObjects/MZStore.woa/wa/viewPodcast?id=321200096>

The trailing number (321200096) is the podcast ID for the selected podcast.



- **Player Width:**
enter the desired width of the Media Player in pixels (Video podcasts only)
- **Player Height:** enter the desired height of the Media Player in pixels (Video podcasts only)
- **License Key:** enter your Product License Key (as supplied after purchase of the "Audio Podcast 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\AEPodcastWebpart
```

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="AEPC" value="AEPC-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.