Twitter Enterprise Web Part

Installation Instructions

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Version 2.0

May 2013

Description

The "Twitter Enterprise" Web Part allows to display the Tweets of the specified Twitter search or Twitter user. The list is automatically updated every 60 seconds from the central cache. You can define the cache retention time in minutes to prevent to pass the Twitter request limitations.
The Web Part can be used with Windows WSS 3.0, MOSS 2007, Sharepoint 2010 and Sharepoint 2013.

Installation

Manual Installation

1. download and unpack the **AETwitterEnterpriseWebpartV2.zip** file.
   The ZIP archive contains the AETwitterEnterpriseWebpart.dll and the AETwitterEnterprise.webpart files.
2. drop the AETwitterEnterpriseWebpart.dll 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):

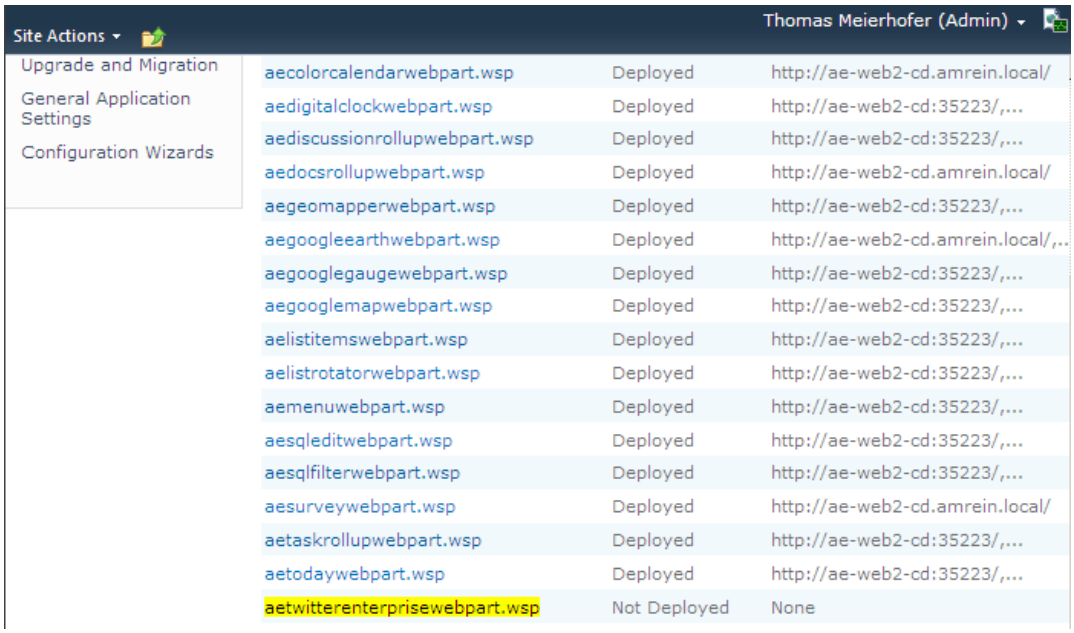
```
<SafeControl Assembly="AETwitterEnterpriseWebpart, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=f1b9c7e1e2827ace" Namespace="AETwitterEnterpriseWebpart" TypeName="*" Safe="True" />
```

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 AETwitterEnterprise.webpart file.

Automatic Installation (recommended)

1. Unpack the **AETwitterEnterpriseWebpart.wsp** and **Install.bat** (**install2010.bat** for Sharepoint 2010 or **install2013.bat** for Sharepoint 2013) 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 AETwitterEnterpriseWebpart.wsp`
3. Deploy the solution by navigating with your browser to “Central Administration > System Settings > Farm Management > Manage farm solutions:

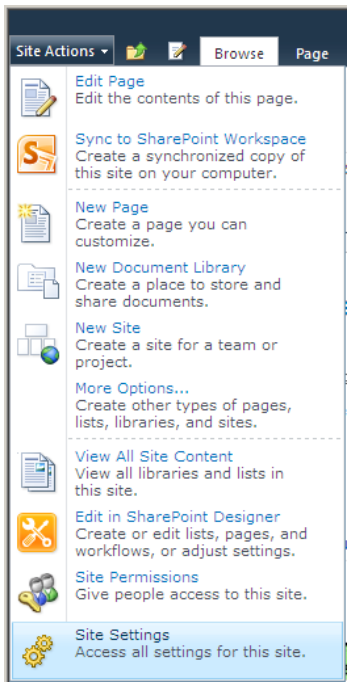
4. You should now see the **AETwitterEnterpriseWebpart.wsp** in the farm's solution store (solution management):
   Click on "**AETwitterEnterpriseWebpart.wsp**" to deploy the solution:



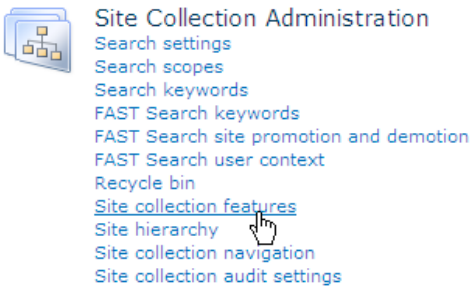
   Click on "**Deploy Solution**":

   Close Central Administration.

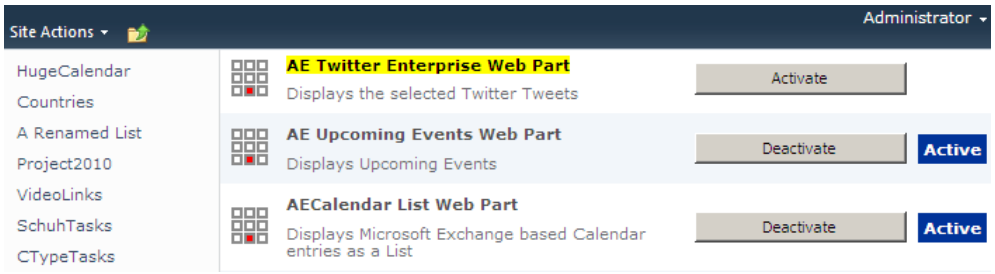
5. Proceed to activate the feature by navigating to the "**Site Actions/Site Settings**" page in your top-level site:



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

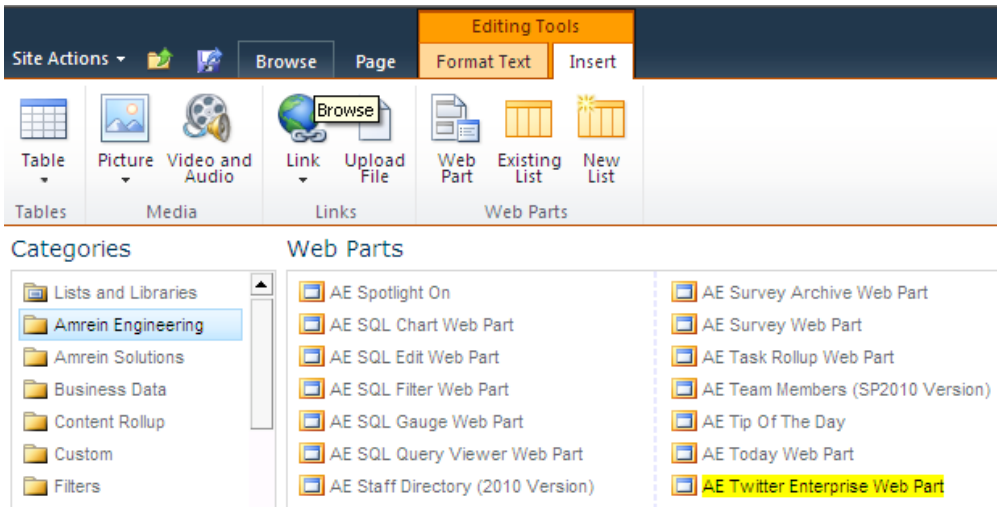


7. Activate the "**AE Twitter Enterprise Web Part**" feature.



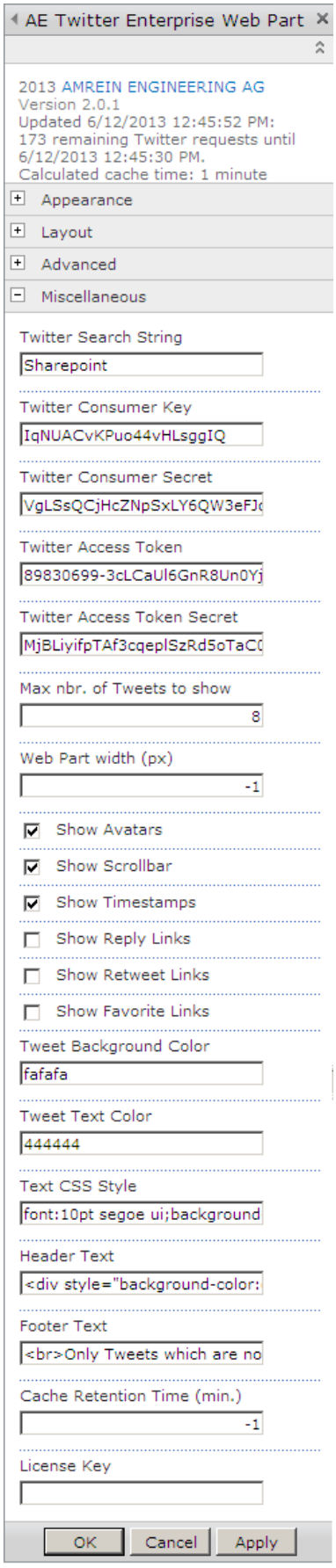
Adding the Web Part to a Page

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



- **Twitter Search String**: Enter the name of the Twitter search string, Twitter user name or Twitter user list.
  You can also pass this value either via the page URL by specifying the "**twitter**" querystring parameter or use a Web Part Connection to connect the Twitter web part to a Filter web part which will then provide this value interactively.

  Examples for Twitter Search:
  Twitter User Name: **@EUSP**
  Twitter Search: **Sharepoint**
  Twitter User List: **@juergam/JuergsList**
  (also see next page for more examples)

  Please note that the new Twitter API needs authentication, so you will have to login to www.twitter.com and then go to **https://dev.twitter.com/apps** where you need to "create a new application".
  You then will need to fill out the first 3 fields (you can enter a dummy name into the "Website" field).
  Please then save the four keys and enter them into the below 4 web part settings:

- **Twitter Consumer Key**
  Twitter Consumer Secret
  Twitter Access Token
  Twitter Access Token Secret

- **Max. nbr. of Tweets to show**:
  enter the number of tweets to include in the list. The old list slides down.
- **Web Part width**:
  enter the desired web part **width** in pixels
- **Show Avatars**:
  show or hide the avatar icons
- **Show Scrollbar**:
  show or hide the vertical scroll bar
- **Show Timestamps**:
  show or hide the time stamps
- **Show Timestamps**:
  show or hide the "Reply" links
- **Show Retweet links**:
  show or hide the "Retweet" links
- **Show Favorite links**:
  show or hide the "Favorite" links
- **Tweet Background Color**:
  enter the desired Tweet area background color as an RRGGBB value
- **Tweet Text Color**: enter the desired Tweets color as an RRGGBB value
- **Text CSS Style**: enter the optional Tweet area CSS style(s)
- **Header Text**: enter an optional header text
- **Footer Text**: enter an optional footer text
- **Cache Retention Time (min.)**:
  enter the desired cache duration in minutes. The web part itself updates every 60 seconds from cache if Cache Retention Time is set.
  Set to "-1" for "automated" mode to prevent to be blacklisted.
- **License Key**:
  enter the web part License Key. For other options see "*License Activation*" further below

More Twitter Search String Examples

twitter search
containing both "twitter" and "search". This is the default operator.

"happy hour"
containing the exact phrase "happy hour"

love OR hate
containing either "love" or "hate" (or both)

beer -root containing "
beer" but not "root"

#haiku
containing the hashtag "haiku"

from:twitterapi
sent from the user @twitterapi

to:twitterapi
sent to the user @twitterapi

place:opentable:2
about the place with OpenTable ID 2

place:247f43d441defc03
about the place with Twitter ID 247f43d441defc03

@twitterapi
mentioning @twitterapi

superhero since:2011-05-09
containing "superhero" and sent since date "2011-05-09" (year-month-day).

twitterapi until:2011-05-09
containing "twitterapi" and sent before the date "2011-05-09".

movie -scary :)
containing "movie", but not "scary", and with a positive attitude.

flight :(
containing "flight" and with a negative attitude.

traffic ?
containing "traffic" and asking a question.

hilarious filter:links
containing "hilarious" and with a URL.

news source:tweet_button
containing "news" and entered via the Tweet Button

@nasa/mars
Twitter list “mars” from user @nasa.

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:

   SP2007:
   `c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12\template\features\AETwitterEnterpriseWebpart`

   SP2010 and SP2013:
   `c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\template\features\AETwitterEnterpriseWebpart`

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="AETW" value="AETW-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.