EWS Calendar
Web Part

Sharepoint 2010 Version

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Instructions Version 1.1

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Description

The Exchange Calendar Web Part displays the appointments of the selected Microsoft Exchange 2007/2010 mailbox(es) in a Sharepoint 2010 calendar.
The Web Part can be used both with Windows Sharepoint 2010 Foundation and 2010 Server.
Please note that the web part cannot display appointments stored in previous versions of Microsoft Exchange Server (Microsoft Exchange 2003 or earlier).

This Web Part requires Windows Sharepoint Server 2010. Please note that an equivalent web part is available for Sharepoint WSS 3.0/MOSS

Prerequisites

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

- Microsoft SharePoint 2010 Foundation or 2010 Server
- Microsoft .NET 3.5 Framework Service Pack 1 or higher
- Microsoft Exchange Server 2007 or 2010

Installation

Manual Installation

1. download and unpack the **AEXCalendarWebpart.zip** file.
   The ZIP archive contains the **AEXCalendarWebpart.dll**, the **EWSProxies.dll**, the **Microsoft.Exchange.WebServices.dll** and the AEXCalendar.webpart files.

2. drop the 3 DLL files 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="AEXCalendarWebpart, Version=1.0.0.0, Culture=neutral,
   PublicKeyToken=9d204ffd3412b95a" Namespace="AEXCalendarWebpart" 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 AEXCalendar.webpart file.

Automatic Installation

1. Unpack the **AEXCalendarWebpart.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 AEXCalendarWebpart.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 **AEXCalendarWebpart.wsp** in the farm's solution store:

Click on "**AEXCalendarWebpart.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:
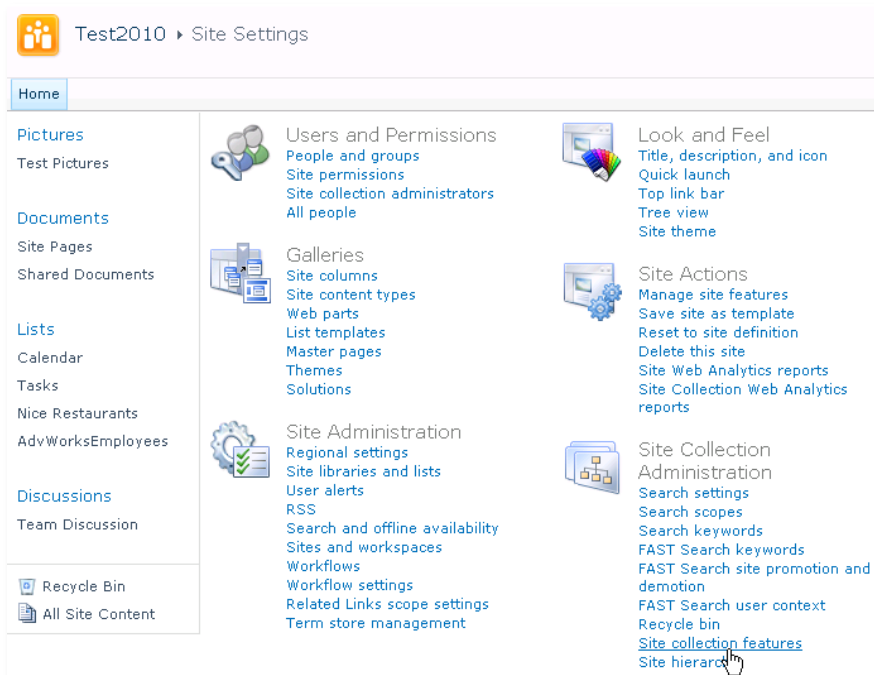
Choose "**Site collection features**" to navigate to the Site Collection Features page:
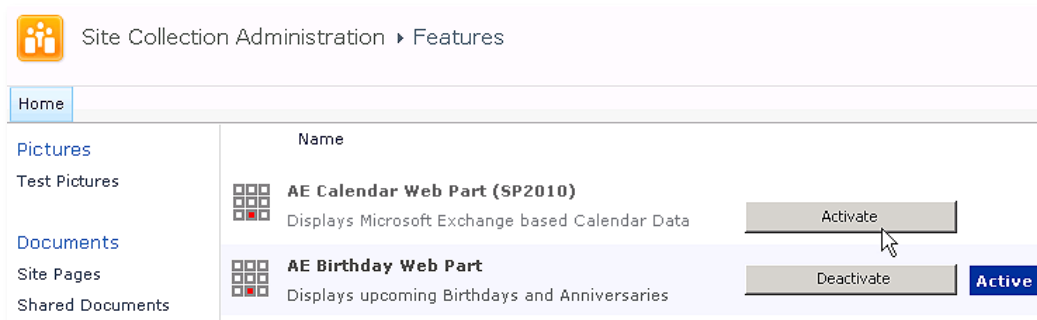
Activate the "AE Staff Directory Web Part" feature

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 :
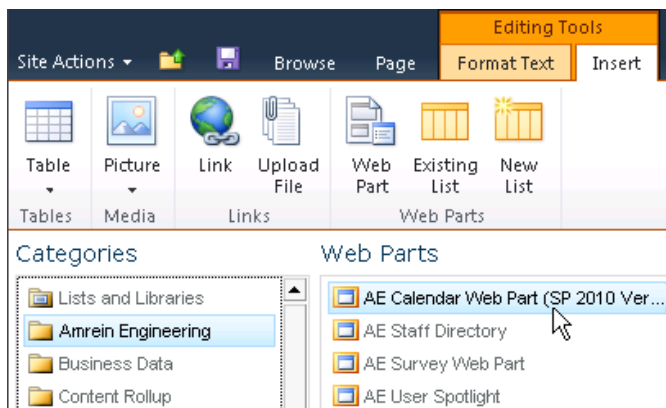
Web Part Configuration

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

- o **User ID:**
  enter the name of the Windows account under which the calendar data will be fetched from the Exchange server.

- o **User Password**: enter the password of the above user account

- o **Exchange Server URL**:
  enter the web domain name of your Exchange web frontend server (do also include the leading "http://" or "https://"). This typically is the same address as your Outlook Web Access (OWA) URL but without "/owa". **Please do NOT enter the trailing "/EWS" or the trailing "/OWA".**

  Examples:
  https://yourserver.com
  http://yourserver.com

  Examples with yourserver.yourdomain:
  https:// yourserver. yourdomain.com
  http:// yourserver. yourdomain.com

  You can **check the validity of the above URL** with your browser by entering e.g.
  http(s)://yourserver.com/EWS/Exchange.asmx

The Exchange Server should now return an XML page:


```
http://ex.amrein.com/EWS/Services.wsdl - Windows Internet Explorer

http://ex.amrein.com/EWS/Services.wsdl

Datei   Bearbeiten   Ansicht   Favoriten   Extras   ?

Sharepoint Quick...   Home - TestTest   http://ex.am...

<?xml version="1.0" encoding="utf-8" ?>
- <wsdl:definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns:tns="http://schemas.microsoft.com/exchange/services/2006/messages"
    xmlns:s="http://www.w3.org/2001/XMLSchema"
    targetNamespace="http://schemas.microsoft.com/exchange/services/2006/messages"
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
    xmlns:t="http://schemas.microsoft.com/exchange/services/2006/types">
  - <wsdl:types>
    - <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:import
          namespace="http://schemas.microsoft.com/exchange/services/2006/messages"
          schemaLocation="messages.xsd" />
      </xs:schema>
    </wsdl:types>
  - <wsdl:message name="ConvertIdSoapIn">
      <wsdl:part name="request" element="tns:ConvertId" />
      <wsdl:part name="RequestVersion" element="t:RequestServerVersion" />
    </wsdl:message>
```
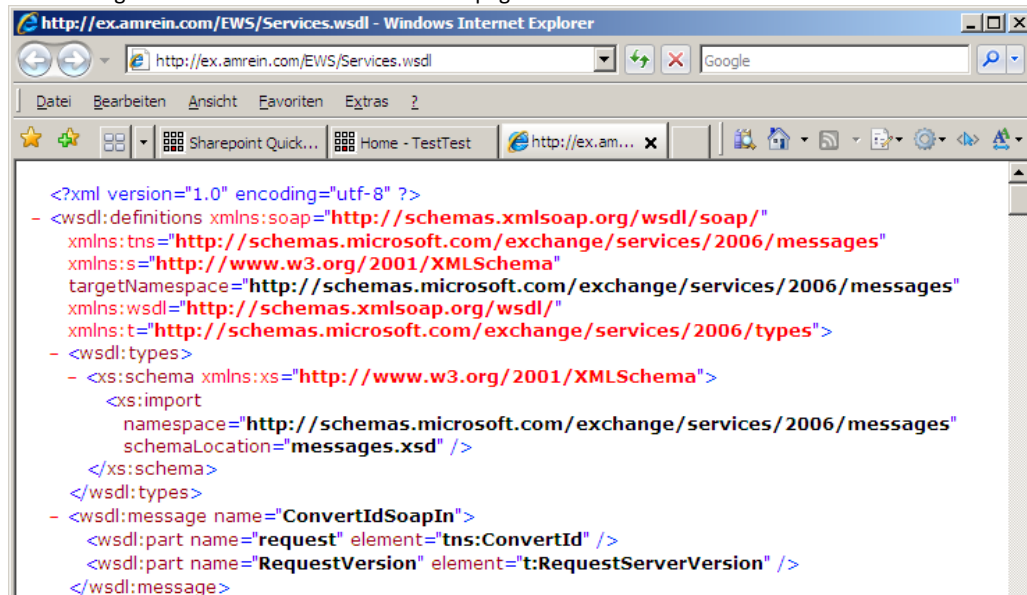
o   **Mailbox Calendar(s):**
    enter the mailbox name(s) of the calendar(s) to be displayed (separate the names with semicolons).
    Use the {uid} placeholder to inject the current user's name.
    You can alternatively use a web part connection to select the mailbox calendar to be displayed.

    Example:
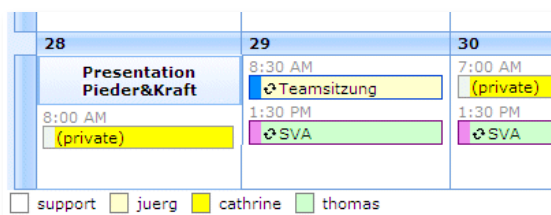   john;{uid};Room707

    Calendar Color Coding:
    You can optionally individually color the calendar entries for each calendar user by adding the desired color (preceded
    by a colon) to each mailbox name as follows:

    Example:
    john:yellow;Room707:#CCFFCC;harry:red

    Enter either the HTML color names (as eg. "red" etc.) or use hexadecimal RRGGBB coding (as eg. "#CCFFCC")

o   **Public Folder Calendar(s):**
    enter the public folder name(s) of the calendar(s) to be displayed (separate the names with semicolons).

    Example:
    Meeting Room 101

o   **Mail Domain:**
    enter the domain name of your Exchange mail server. This typically corresponds with the part of your mail addresses
    right to the @ character.

o   **Time Zone Offset:**
    Enter the optional desired time zone offset in minutes

- o **Busy Type Colors:**
  Enter the desired Busy Type color codings (either as HTML color names or #RRGGBB values) in the following order: free;tentative;busy;out of office.
  The default values reflect the standard Microsoft Outlook color settings.

- o **Default View:** choose the desired startup calendar view (Month, Week or Day)
- o **Export to CSV:** Show/hide the "Export" button for exporting the calendar items to Excel/CSV.
- o **CSV Separator**: Enter the desired CSV field separator character (Default=Comma). Specify a semicolon in countries which use the comma as a decimal separator.
- o **Cache Retention Time:** Enter the public folder cache retention time in minutes
- o **License Key**: enter your Product License Key (as supplied after purchase of the "Staff Directory 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\14\template\features\AEXCalendarWebpart
   ```

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="AEEC" value="AEEC-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.