
SQL Edit Web Part

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AE SQL Edit Web Part

First Name:

Last Name:

City:

Country:

*Married:

Description

The SQL Edit Web Part allows to create, edit and delete SQL database records. The Web Part can be used with Windows Sharepoint Services V3, MOSS.2007, Sharepoint 2010, 2013, 2016 and 2019

The following parameters can be configured:

- Database Connection String (supports both SQL Server and Windows Integrated Security)
- SQL Select statement

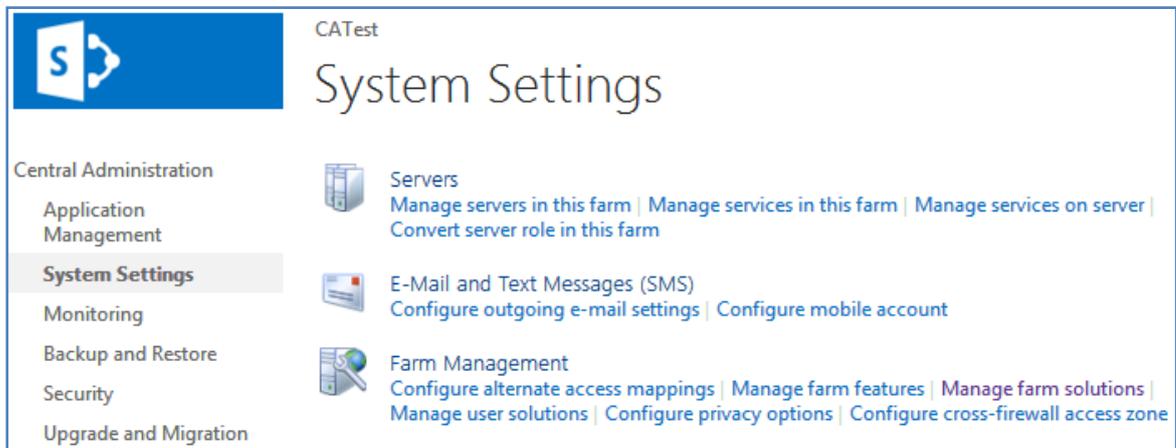
Prerequisites

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, 2013, 2016 or 2019.

Installation

1. Unpack the **AESQLEditWebpart.wsp** and **Install201x.bat** files from the Zip Archive and place the 2 files onto your Sharepoint Server.
2. Add the Solution by either running **Install201x.bat** by manually entering:
`stsadm -o addsolution -filename AESQLEditWebpart.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 **AESQLEditWebpart.wsp** in the farm's solution store:

The screenshot shows the 'Solution Management' page in SharePoint Central Administration. It displays a table of solutions installed in the farm. A mouse cursor is pointing at the 'aesqleditwebpart.wsp' entry in the table.

	Name	Status	Deployed To
Application Management	aegooglemapwebpart.wsp	Not Deployed	None
System Settings	aestaffdirectorywebpart.wsp	Deployed	http://bto-web1-cd/
Monitoring	aesurveywebpart.wsp	Deployed	http://bto-web1-cd/
Backup and Restore	aesqleditwebpart.wsp	Not Deployed	None
Security			

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

Microsoft SharePoint 2010 Central Administration > Solution Properties

Central Administration Application Management System Settings Monitoring Backup and Restore Security Upgrade and Migration General Application Settings	Deploy Solution Remove Solution Back to Solutions
	Name: aesqleditwebpart.wsp
	Type: Core Solution
	Contains Web Application Resource: Yes
	Contains Global Assembly: Yes
	Contains Code Access Security Policy: No
	Deployment Server Type: Front-end Web server
	Deployment Status: Not Deployed
	Deployed To: None

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

Test2010 > Site Settings

- Home
- Pictures: Test Pictures
- Documents: Site Pages, Shared Documents
- Lists: Calendar, Tasks, Nice Restaurants, AdvWorksEmployees
- Discussions: Team Discussion
- Recycle Bin, All Site Content
- Users and Permissions: People and groups, Site permissions, Site collection administrators, All people
- Galleries: Site columns, Site content types, Web parts, List templates, Master pages, Themes, Solutions
- Site Administration: Regional settings, Site libraries and lists, User alerts, RSS, Search and offline availability, Sites and workspaces, Workflows, Workflow settings, Related Links scope settings, Term store management
- Look and Feel: Title, description, and icon, Quick launch, Top link bar, Tree view, Site theme
- Site Actions: Manage site features, Save site as template, Reset to site definition, Delete this site, Site Web Analytics reports, Site Collection Web Analytics reports
- Site Collection Administration: Search settings, Search scopes, Search keywords, FAST Search keywords, FAST Search site promotion and demotion, FAST Search user context, Recycle bin, **Site collection features**, Site hierarchy

Choose “Site collection features” to navigate to the Site Collection Features page:

Site Collection Administration > Features

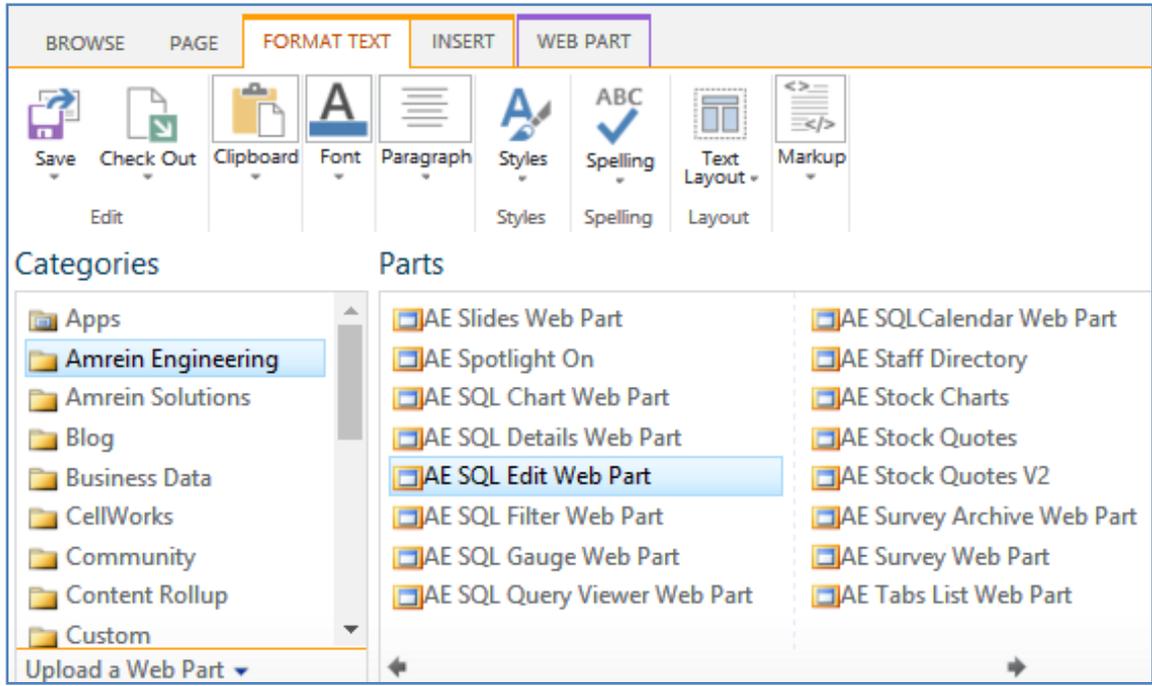
Name	
AE SQL Edit Web Part Allows to edit an SQL database record	<input type="button" value="Activate"/>
AE Documents Rollup Web Part Rolls up all new site Documents	<input type="button" value="Deactivate"/> <input type="button" value="Active"/>

Activate the “AE SQL Edit Web Part” feature

Adding the Web Part to a Page

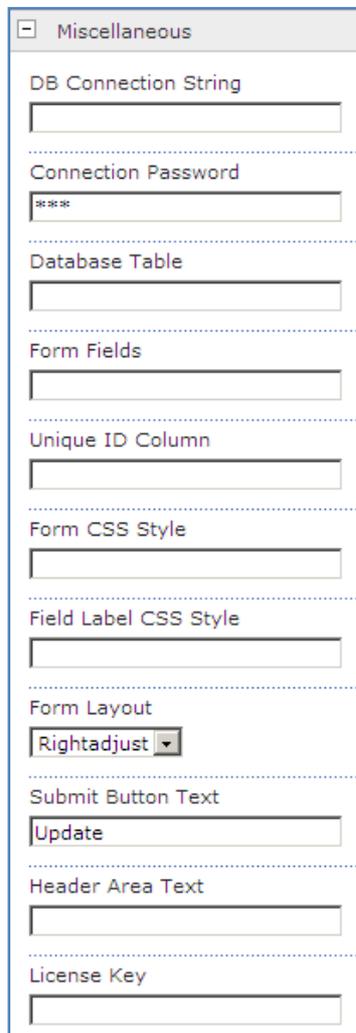
Navigate to a page where you would like to place the web part and choose "Site Actions/Edit Page"

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 image shows a screenshot of the 'Miscellaneous' configuration pane in a Web Part Editor. The pane is titled 'Miscellaneous' and contains the following fields:

- DB Connection String: A text input field.
- Connection Password: A text input field with masked characters (asterisks).
- Database Table: A text input field.
- Form Fields: A text input field.
- Unique ID Column: A text input field.
- Form CSS Style: A text input field.
- Field Label CSS Style: A text input field.
- Form Layout: A dropdown menu set to 'Rightadjust'.
- Submit Button Text: A text input field containing 'Update'.
- Header Area Text: A text input field.
- License Key: A text input field.

- **DB Connection String (SQL Server):**

- if you use SQL Server authentication, enter the connection string as follows:

UID=**uuu**;Initial Catalog=**database**;Data Source=**servername**

where

uuu = SQL Server User Account

database = the database you want to connect to

servername = the name of the SQL Server

Example:

UID=sa;Initial Catalog=Northwind;Data Source=TestSQL;

Please note that the password is entered in the *Connection Password* field for security reasons.

- if you use Windows authentication, enter the connection string as follows:

Initial Catalog=**database**;Data Source=**servername**;Integrated Security=SSPI;

Example:

Initial Catalog=Northwind;Data Source=TestSQL;Integrated Security=SSPI;

- **Connection Password:** if you use SQL Server authentication, enter the User account password into this field. It will be automatically encrypted for security reasons.

- **Database Table:** enter the name of the database table to be edited
- **Unique ID Column:** enter the name of the database table column used as the unique ID
Example: `EmployeeID`
- **Form Fields:** enter the database table column names to be displayed in the form
Example: `EmployeeID,LastName,FirstName,City,ZIP,BirthDate,Vegetarian,Salary,Notes`
- **Unique ID Column:** enter the name of the database table column that is passed from the SQL Query Viewer web part via the page URL.
- **Lookup Columns:** allows to set up Lookup dropdown boxes

by entering the table column name, followed by the SQL statement to populate the dropdown box:

```
Column1=SELECT DisplayValue,TransmittedValue FROM Table;
Column2=SELECT...
```

(separate multiple dropdowns with semicolons)

Example:

```
PriceCode=SELECT PriceCode,Amount FROM Price
```

- **Form CSS Style:**
enter the desired CSS style for the Form container:
Example: `width:250px;border:3px solid orange;background-color:#fffcc`
- **Field Label CSS Style:**
enter the desired CSS style for the form field labels:
Example: `color:brown;font-weight:bold`
- **Form Layout:** choose the desired labels/form fields layout
- **Submit Button Text:** enter the name of the Submit button caption
- **Header Area Text:** enter the optional text to be displayed at the top of the form
- **License Key:**
enter your Product License Key (as supplied after purchase of the "SQL Edit 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:

SP 2010:

`c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\template\features\AESQLEditWebpart`

SP 2013:

`c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\15\template\features\AESQLEditWebpart`

SP 2016 and SP 2019:

`c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\16\template\features\AESQLEditWebpart`

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="AESX" value="AESX-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.