

# ArtfulBits Column Data Adapter

*for Microsoft® SharePoint®*



## User Guide

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### Overview

You can share and manage data in many ways by using applications like Microsoft Office Access and Excel with SharePoint. By default SharePoint allows to connect and manage list data only for standard SharePoint columns. ArtfulBits Column Data Adapter is an extension component providing ability to use ArtfulBits Columns in Microsoft Access forms, reports and Microsoft Excel. This feature applies to the following columns:

- Progress
- Category
- Follow-Up
- DateTime
- Discussion
- Cascaded Lookup
- Cross-Site Lookup
- Parent Selector

## Feature List

Feature	SharePoint 2010	SharePoint 2013	SharePoint 2016
Link SharePoint list into an Access database, including viewing and editing ArtfulBits Columns values	✓	✓	✓
Export columns data to Microsoft Access	✓	✓	✓
ArtfulBits Columns support in Access forms and reports	✓	✓	✓
Edit ArtfulBits Columns in Microsoft Access	✓	✓	✓
Export columns data to Microsoft Excel	✓	✓	✓

## Why ArtfulBits Column Data Adapter?

ArtfulBits Column Data Adapter is a unique add-on to ArtfulBits Columns that allows you to track ArtfulBits Columns data in applications like Microsoft Access and Microsoft Excel.

## How to Use

Just install this solution to target Web Applications using our installer and activate "ArtfulBits Column Data Adapter" Web Application feature. After that, ArtfulBits Columns values can be viewed and edited in applications like Microsoft Access and Microsoft Excel.

## Microsoft Access Compatibility Mode

ArtfulBits Column	Actions	Remarks
<b>Progress</b>	Read & Write	
<b>Category</b>	Read & Write	
<b>DateTime</b>	Read & Write	
<b>Follow-Up</b>	Read & Write	Editing is allowed when Follow-Up's "Show Complete" option is not checked
<b>Discussion</b>	Read Only	
<b>Cascaded Lookup</b>	Read & Write	Editing is allowed when ArtfulBits Lookup's "Allow editing" option is selected in "Datasheet Compatibility Mode" section on column settings page. Control will be rendered as standard SharePoint Lookup column. Exclusive ArtfulBits Lookup column features will not be accessible in Microsoft Access in edit mode.
<b>Cross-Site Lookup</b>	Read & Write	
<b>Parent Selector</b>	Read & Write	

ArtfulBits Progress, Category, DateTime columns editing in Microsoft Access is enabled by default. Follow-Up column is read only in Access if "Show Complete" option is checked in Follow-Up Column Settings. Otherwise it's editable. Discussion column is read only in Access.

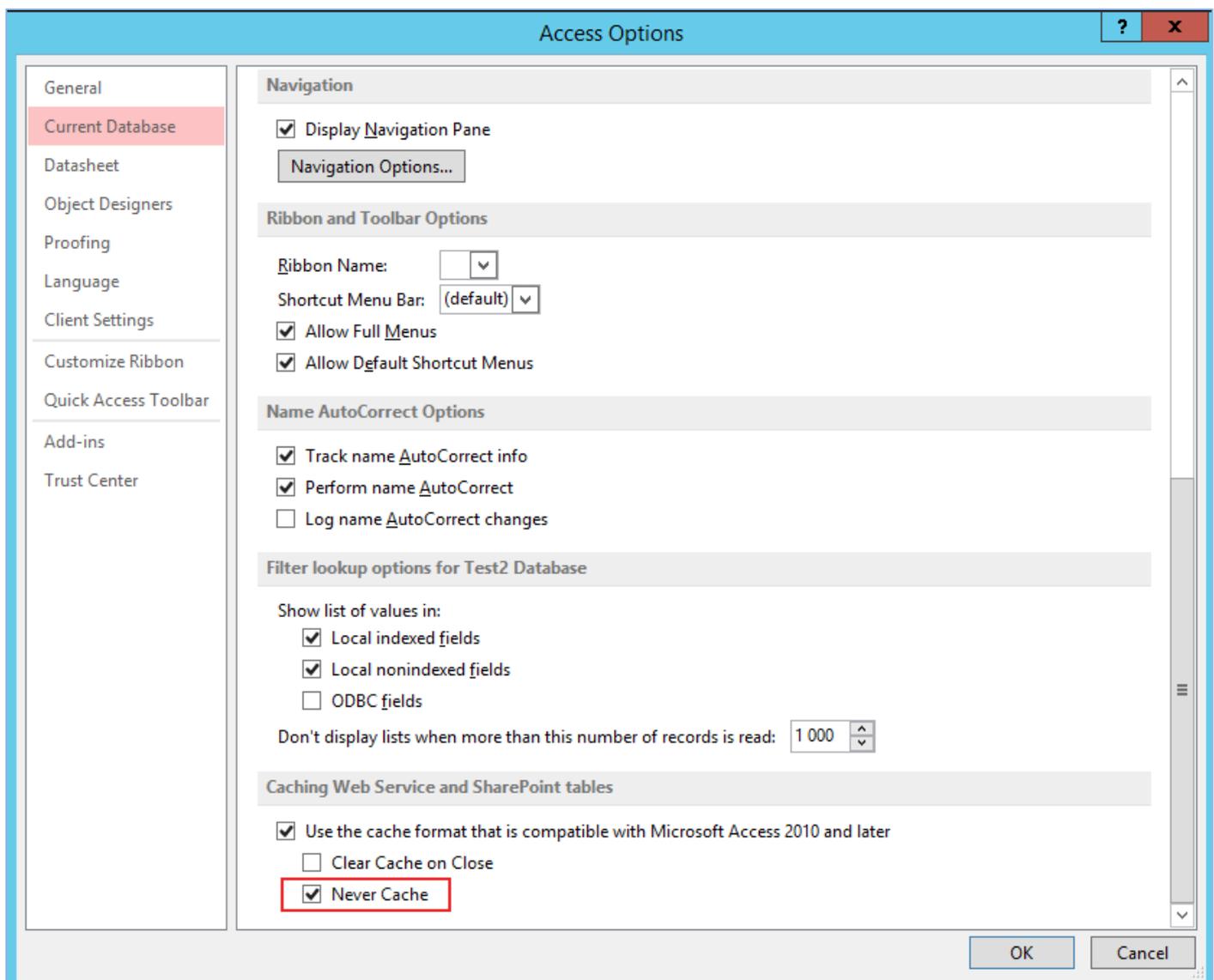
To enable column editing for Cross-Site Lookup, Cascaded Lookup, Parent Selector do the following:

1. Open column settings page
2. Go to "Datasheet Compatibility Mode" section
3. Choose "Allow editing" option to enable column value editing in Microsoft Access and Datasheet view.

NOTE: Control will be rendered as standard SharePoint Lookup column. Exclusive ArtfulBits Lookup column features will not be accessible in Microsoft Access in edit mode.

## Cross-Site Lookup and Cascaded Lookup in Microsoft Access 2013/2016

If Cross-Site Lookup Column or Cascaded Lookup column looks up information from other site within site collection, and you need to edit this column value. Then you should disable caching for Access 2013. To do this, please go to File → Option → Current Database → Caching Web Service and SharePoint tables → check Never Cache.



## Release Notes

Version	Notes
v2.1 (November 23, 2016)	<b>New Features:</b> <ul style="list-style-type: none"><li>Added SharePoint 2016 support</li></ul>
v2.0 (March 25, 2013)	<b>New Features:</b> <ul style="list-style-type: none"><li>Added SharePoint 2013 support</li></ul>
v1.1 (June 03, 2011)	<b>Improvements:</b> <ul style="list-style-type: none"><li>Added support for new licensing model (ArtfulBits License Manager v1.4)</li></ul>
v1.0 (April 23, 2011)	<b>Initial Release</b>

## See Also



### [ArtfulBits Blog](#)

Professional Blog complements and extends SharePoint default functionality with the possibility of adding video or zoomable image and preview, providing tags for the blog entries, supporting the categorization and tags cloud, filtering the entries by category or tag, configurable global settings and many more.



### [Cascaded Lookup Column](#)

Cascaded Lookup Column allows building relationship between parent and child columns, the data selected in one field will determine the options presented in another.



### [Category Column](#)

Category Column allows tracking, organizing and grouping list items. Outlook 2007 approach for elements categorization, easy indicator color changing and using of advanced tooltip, provide a high professional component style.



### [Column Data Adapter](#)

Column Data Adapter is an extension component providing ability to use ArtfulBits Columns in Microsoft Access forms, reports and Microsoft Excel.



### [Column Permissions](#)

Column Permissions allows you to manage access to list content on column level. Permissions can be assigned for individual users and for SharePoint groups as well and are effective in forms and list views, as well as in the SharePoint Alerts, RSS, Datasheet and even during exporting to Excel and opening with Access.



### [Discussion Column](#)

Need to organize well formatted conversation in the list item without enabling list versioning? Discussion Column is the right choice. Component allows entering rich text with formatting, images, tables, hyperlinks and other features.



### **Email Web Part**

ArtfulBits Email Web Part allows sending e-mail messages directly from Microsoft SharePoint site. You can notify task assigned users, send gratitude or just send regular e-mail message, etc.



### **Follow-Up Column**

Follow-Up Column enables due date flags similar to Outlook follow-up functionality. Applying of flags to the list item allows adding of visual reminder in a natural way.



### **Image Upload Column**

Quick and simple way of uploading pictures. Image Upload Column provides with ability to select a picture using file browsing dialog, upload and display it in the list view.



### **KPI Column**

KPI (Key Performance Indicator) Column is simple graphical scorecards that can be used to evaluate business data against business goals. With this column you reduce risk to overlook information about the status of value.



### **Link to Document Column**

Link to Document Column allows referencing files and folders placed at Document Library and provides easy and intuitive way to download files directly from column. Use this column to provide a browsing interface that allows users to browse to an object to link to instead of typing a URL.



### **Parent Selector Column**

Parent Selector Column is used for organizing hierarchical relations in SharePoint list. Picker dialog allows choosing data from large lists. Standard Lookup column can be easily converted to Parent Selector column and vice versa.



### **Password Change Web Part**

Password Change Web Part allows users to change their own passwords from within the SharePoint environment using standard text box interface (current password, new password and confirm new password).



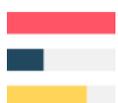
### **Password Expiration Web Part**

Password Expiration Web Part enables Active Directory users to be notified via Web Part interface that their passwords are about to expire. It also automatically sends out email notifications to users before the password expiration date.



### **Professional Calendar Web Part**

Professional Calendar Web Part provides following key benefits: it allows combining events from different SharePoint Lists, from any SharePoint Site, in one Calendar view; allows specifying different color sets for different event sources; supports on-the-fly AJAX-enabled editing features in Outlook like style; and other enhanced functionalities.



### **Progress Column**

Progress Column provides users with the ability to make SharePoint lists more visualized by displaying numerical data on the page using percentage-based progress bar. Professional progress bar style will make your SharePoint list really modern and stylish.

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### **Shopping Cart Web Part**

ArtfulBits Shopping Cart is intended to provide ecommerce functionality. This web part provides a possibility to exhibit items for sale, its basic information, items images, and price, chose the size or other category of item, submit an order and save order in history.



### **Video**

Video Column and Video Web Part are powerful controls made for uploading, managing, linking and playing video files. These controls support variety of video files that can be uploaded from computer, or linked from SharePoint library or streamed from direct URL.

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## **Remarks**

Information in this document may be outdated. Please, visit <https://www.sharepoint-artfulbits.com/> for the latest product version.