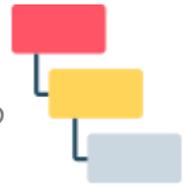


ArtfulBits Cascaded Lookup Column

for Microsoft® SharePoint®

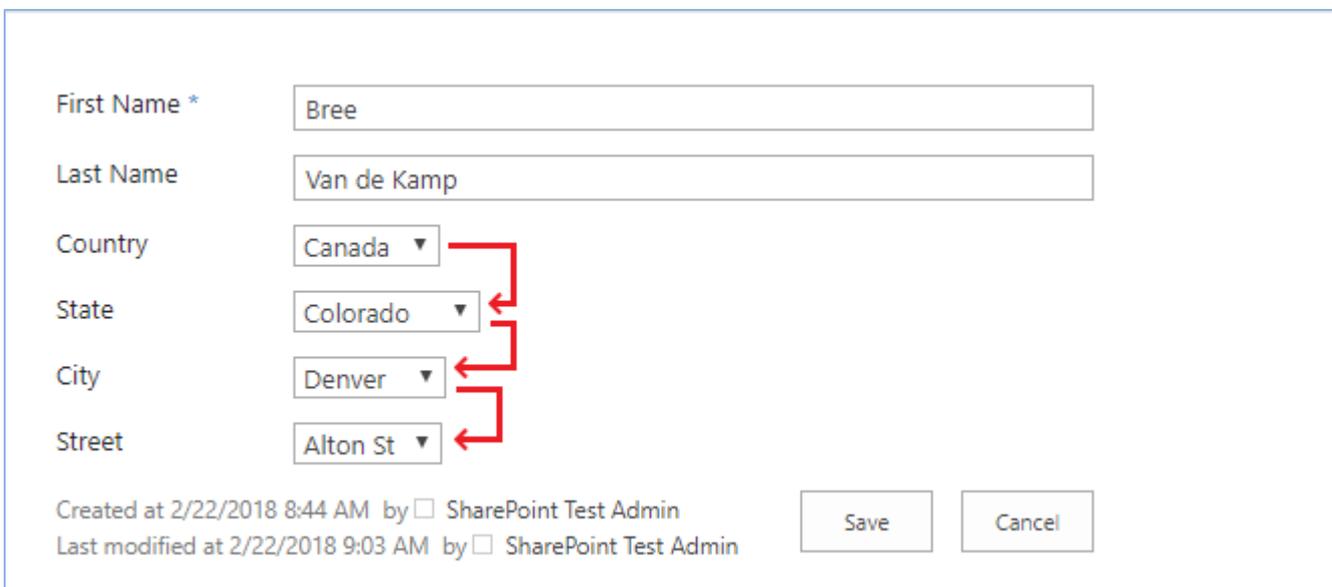


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Overview

Cascaded Lookup Column is intended to enhance standard SharePoint lookup functionality. Component allows building relationship between parent and child columns, the data selected in one field will determine the options presented in another.



First Name *

Last Name

Country

State

City

Street

Created at 2/22/2018 8:44 AM by SharePoint Test Admin
Last modified at 2/22/2018 9:03 AM by SharePoint Test Admin

First Name *	<input type="text" value="Bree"/>
Last Name	<input type="text" value="Van de Kamp"/>
Country	<input type="text" value="Canada"/>
State	<input type="text" value="Colorado"/>
City	<input checked="" type="checkbox"/> Denver <input type="checkbox"/> Dinosaur
Street	<input checked="" type="checkbox"/> Alton St <input type="checkbox"/> Arden St

Feature List

Feature	SharePoint online
Build parent-child relationships	✓
Ajax support enabled	✓
Unlimited number of cascading levels	✓
Supported single-single, single-multi, multi-single and multi-multi relations	✓
Supported lookup data from SharePoint lists in all sites within site collection	✓
Supported default values	✓
Ability to add lookup items on the fly	✓
Conversion among ArtfulBits Cascaded Lookup column and standard SharePoint Lookup column	✓
Supported lookup data from subfolders	✓
Supported additional displayed column types (<i>other than default</i>): Currency, Boolean	✓

Why ArtfulBits Cascaded Lookup Column?

SharePoint Cascaded Lookup is powerful lookup tool that saves your time by reducing presented options and avoids the possibility of incompatible value selection.

ArtfulBits Lookups and standard SharePoint Lookup columns feature comparison

Feature	SharePoint Lookup	Cascaded Lookup
Lookup data from lists cross-site within site collection		✓
Lookup data from lists on the same site	✓	✓
Lookup data from the same list	✓	✓
Single and multiple lookup	✓	✓
Default displayed column types	✓	✓
Additional displayed column type : Currency Column		✓
Additional displayed column type : Boolean Column		✓

Parent-child relationships	✓
Supported default values	✓
Adding lookup items via New Item form on the fly	✓
Conversion among "ArtfulBits Cascaded Lookup" column and standard SharePoint "Lookup" column	✓

How to Use

Installation

In order to properly use Cascaded Lookup Column to your SharePoint site you need to install both:

1. **ArtfulBits Cascaded Lookup** Online Column app in your SharePoint online ([Click here](#) for more information)
2. **Tenant app** ([Click here](#) for details). All ArtfulBits apps function in combination with this app. Its main goal is to take all shared functionalities out of boundaries of other ArtfulBits apps, and to empower functionalities which require higher app permissions.

NOTE: After installing FREE version you will see a corresponding notification indicating that you're using FREE version. This message will be removed after purchasing the license key.

Adjustment

First of all, you should create several lists with different data (e.g. Single Line of Text Column) which you would like to use as a source. Then you need to create Cascaded Lookup Column which will relate to your data source. In order to access Cascaded Lookup Column settings you can either click on ArtfulBits Cascaded Lookup button in the list ribbon, or click on ArtfulBits Cascaded Lookup app in the Site Contents. For multiple data entry, just select the "Allow multiple items" option, the front-end UI will allow multiple selections to be added/removed from a list. If you're using a series of parent-child Cascaded Lookups, each subsequent field will immediately update as you add or remove each selection from the prior one.

Cascaded Lookup settings:

- Source site to get information from (*This dropdown list shows all the sites in the current site collection. Choose the site which contains the source list*)
- Source list to get information from (*This dropdown list shows all the available lists in the site you have selected before. Choose source list which you retrieve information from*)
- Display column (from source list) and values to be displayed (*Select the source column which you want to get information from*). Supported source column types include: Single Line of Text, Number, Number as percentage, Date and Time, Calculated (output is single line of text), Counter type (ID field), Currency column, Boolean (Yes/No column)
- Parent Column (not required) for cascaded lookup (*located in the current list*) that triggers a change for this Cascaded Lookup column. If column is not provided, default Cross-Site Lookup column

behavior will be applied (no cascading). Lookup, Person or Group, Choice, Single line of text, Yes/No column is available as parent column

IMPORTANT: Single line of text allows only single value.

- Filter Column (*located in the source list*) that provides filtering mechanism for this Cascaded Lookup Column. Lookup, Person or Group, Choice, Single line of text, Yes/No column is available as filter column

IMPORTANT:

Single line of text allows only single value.

Filter column should supports the same type as Parent column.

- “Allow multiple values” property allows multiple selections for Cascaded Lookup column

Cascaded Lookup Column location:

Target site:

Target list:

Target column:

Parent column:

This is the parent column for **Target column**
If you indicate **Parent Column**, you must also indicate **Filter Column**

Get information from:

Source site:

Source list:

Display column:

Values from this column are displayed in **Target column**

Filter column:

Display column is filtered by the values in **Filter column**

Additional settings

Allow multiple items

Add items on the fly

Select default value:

Conversion

This will convert Artfulbits Cascaded Lookup to standard lookup (all the data preserved)

You have made changes on this page. Would you like to save?

Example: there are two SharePoint lists: USA States (contains State column) and Cities (contains City, State column). You have third list (Contacts) and need to add State and City column with parent-child relationships. In this case you should add State column (it can be standard SharePoint Lookup or ArtfulBits Cascaded Lookup). Add City column (ArtfulBits Cascaded Lookup) with parent-child relationships after that.

Do following:

- In “Source site” drop-down list, select site that contains Cities list
- In “Source list”, select Cities list
- In “Display column”, select City column in Cities list
- In “Parent Column”, select State column of current list
- In “Filter Column”, select State column from Cities list (source list)

After that State column value changing triggers a change of City column in customer’s list.

In addition, there is useful property that allows adding items to the source list on the fly. For this, you should enable “Add items on the fly” option in Cascaded Lookup Special Settings.

First Name *	<input type="text" value="Gabrielle"/>
Last Name	<input type="text" value="Solis"/>
Country	<input type="text" value="Italy"/> ▾ <input type="button" value="Add new item"/>
State	<input type="text" value="Basilicata"/> ▾
City	<input checked="" type="checkbox"/> Abriola <input type="checkbox"/> Potenza
Street	<input checked="" type="checkbox"/> Bellevue Rd

Conversion

Cascaded Lookup column supports conversion from standard “Lookup” column and vice versa.

Conversion from Lookup Column to Cascaded, happens automatically. You should go to created standard SharePoint lookup column and see the next text: *“Please note that you have selected default SharePoint lookup. Upon this operation it will be converted to ArtfulBits Cascaded Lookup with all the data preserved.”*

Cascaded Lookup Column location:

Target site:	<input type="text" value="/Nastya Test (Cascaded)"/>
Target list:	<input type="text" value="Country"/>
Target column:	<input type="text" value="Country (lookup)"/>

Please note that you have selected default SharePoint lookup. Upon this operation it will be converted to ArtfulBits Cascaded Lookup with all the data preserved.

In order to **convert Cascaded Column to Lookup Column**, you should choose ArtfulBits Cascaded Lookup column in List Settings Page and click “Convert” button (in Conversion section) to convert current column to standard SharePoint Lookup.

Conversion

This will convert Artfulbits Cascaded Lookup to standard lookup (all the data preserved)

Version Update

If the version of Cascaded Lookup has been updated (*new features, bugs fixes or improvements*), you will automatically see “Updates” section, and be able to update to the latest version. There are two options: *“Update target site”* or *“Update all site collection sites”*. If you want to update Cascaded Lookup only at the current site, click *“Update target site”*. On the other hand, if you want to update Cascaded Lookup on all your sites at once, click *“Update all site collection sites”*.

Updates

Artfulbits Cascaded Lookup scripts are out of date. This will download new scripts from Artfulbits servers.

Release Notes

Version	Notes
v1.0 (March 01, 2018)	Initial Release

See Also



[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).



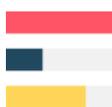
[Password Expiration Web Part](#)

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.



[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.

Remarks

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