Using the Avant Drive Web Part on SharePoint pages

The Avant Drive web part is a powerful tool designed to display and interact with document libraries or folders within your SharePoint site. This guide will walk you through the steps to add, configure, and fully use the Avant Drive web part.

[Video]

Notes:
- OneDrive: The options for Show internal names, Select column name for description, and Maximum mumber of characters to display, Label for more text, Enable tooltip are disabled for OneDrive URLs.
- Changes in the configuration panel are shown immediately in the web part, allowing you to preview them instantly before saving, publishing, or republishing.
- Use "Copy Link" for valid URLs from SharePoint or OneDrive. Browser URLs are only supported for SharePoint, not OneDrive.

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Add the Avant Drive Web Part

To begin using Avant Drive, you first need to add it to your SharePoint page.

1. Go to the page where you want to add a web part.
2. If you don't see the site page that you want, click **Site Contents** on the Quick Launch bar, in the list of contents, click **Site Pages**, and then click the page that you want.
3. If the page is not already in edit mode, click **Edit** at the top right of the page.
4. Hover your mouse above or below an existing web part and you'll see a line with a circled ⊕ , like this:

5. Click ⊕ and you'll see a list of web parts to choose from. Search for "Avant Drive" or scroll through the list to locate it.

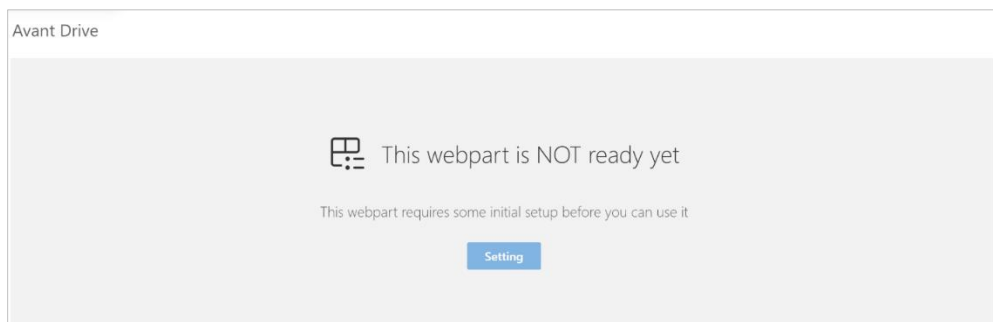6. Click on Avant Drive to add it to the page.

Configure the Avant Drive Web Part

After adding the Avant Drive web part, you'll need to configure its settings to suit your specific needs.

1. Initial Setup

Upon adding the web part, you'll see a message: *"This web part is NOT ready yet. This web part requires initial setup before you can use it."*

Under this message, click **Setting** button to open the configuration panel on the left side of your screen.

2. Configure the Settings

The configuration panel lets you customize the web part's display and behavior, with changes visible immediately for instant preview before saving, publishing, or republishing.

URL	

Enter the URL of the document library or folder type you want to display. (Note: Use "Copy Link" for valid URLs from SharePoint or OneDrive. Browser URLs are only supported for SharePoint, not OneDrive.)	**Avant Drive** Config URL * https://avantility.s
Folders or Flat Choose how to display files and folders: • *Only show files, no folders* • *Show files and folders* • *Show all files without folders*	**Folders or Flat** Only show files, no folders Only show files, no folders Show files and folders Show all files without folde
Maximum number of items to retrieve Set the maximum number of items to get from the library.	Maximum number of items 20
Number of items to show on a single page Control pagination by setting the number of items displayed per page.	Number of items to show on a 4
Select the redirect method Decide how links should open: • *Open in New Tab* • *Open in This Tab*	Select the redirect method Open in new tab
Show internal names Toggle this option to display internal names (This option will be disabled when using a OneDrive URL.)	Show internal names ⚫ Off

Select column name for description
Choose a column to display as the item description (e.g., Title, Created, Created By). (This option will be disabled when using a OneDrive URL.)

Maximum number of characters to display:
Set a limit on the number of characters shown in descriptions.
(This option will be disabled when using a OneDrive URL.)

Label for more text
Customize the label for expanding text, such as "More" or "Read More."
(This option will be disabled when using a OneDrive URL.)

Select column name for descripti

Title

Maximum number of characters

100

Label for more text

More

UI fabric icon names

Customize Icons:

Click Customize to open the icon selection panel. Each default icon (e.g., Word, Excel) is represented by a button.

Edit Icons

Click an icon button (e.g., Word Icon) to open the icon selection panel. Search for and select a new icon. Click Save to replace the default icon.

Save Changes

After making your icon selections, click Save to apply the changes and return to the main configuration panel.

UI fabric icon names

Customize

UI fabric icon names

Click to edit the icon selections

Word icon

PowerPoint icon

Text icon

Folder icon

Select icon   word

PasswordField   WordDocume   WordLogo   Wor

WordLogoInv

Cancel   Sel

Define the number of item columns per zone width

Customize Column Count:
Click Customize to adjust the number of item columns per zone width.
Click the ✏ icon next to a zone width to enable the text field for editing.

Edit Column Counts:
Input the specified number of columns, keeping within the allowed range.
Click ✓ to save your edits.

Reset to the default number of column:
The icon ⟳ appears after clicking ✓. Click to reset the edited value to the default value.

Save Changes:
After editing, click Save to apply the settings and return to the main configuration panel.

Adjust web part height
Set the height of the web part for better page integration.

Configure tooltip

Enable Tooltip
Toggle this option to On to enable tooltips. This feature is available only for SharePoint Libraries and is off by default.
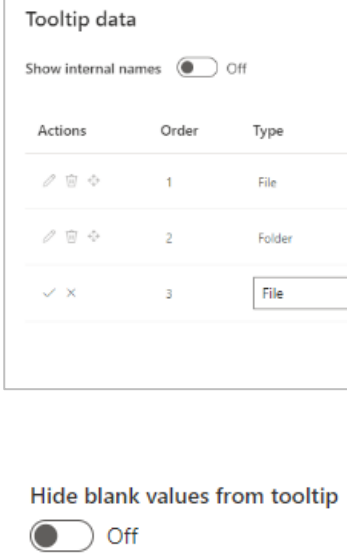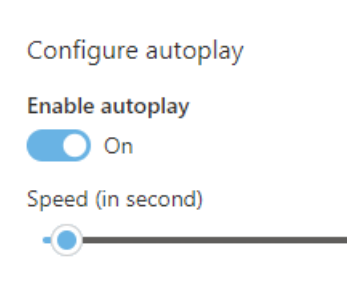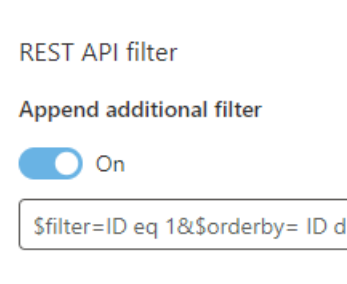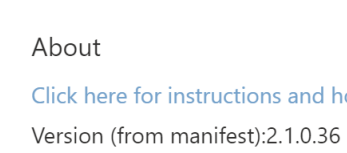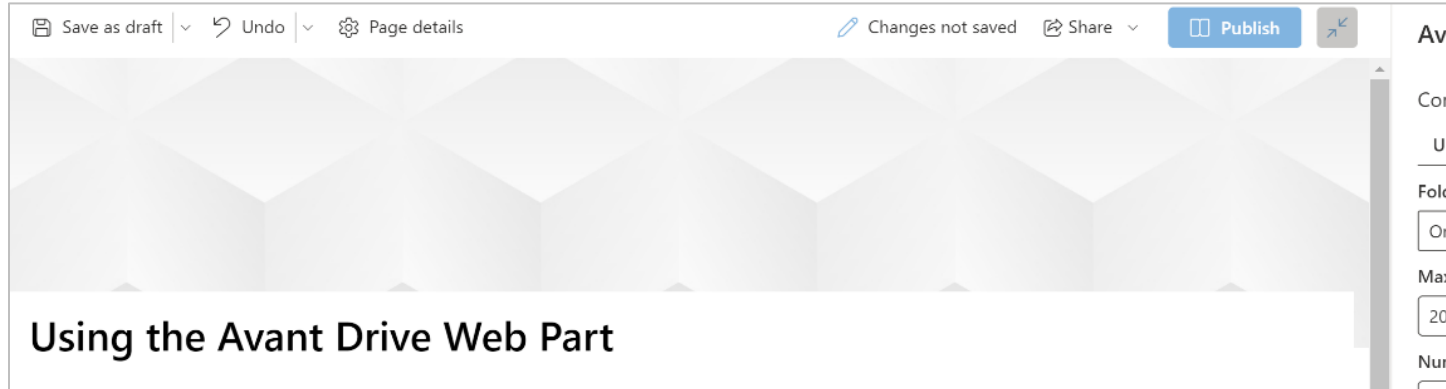
Add Tooltip Data:
Click Customize to open a panel. Click the + button to add a new row. Choose a type (File or Folder), enter a name, and a custom name if needed. Click the ✓ button to save the row. Repeat to add more tooltips.

Edit, Move, Delete and Save:
Use the pencil icon to edit existing rows or the move icon to reorder entries or the delete button to remove them. Once all changes are made, click Save to apply and return to the main configuration panel.
(This option will be disabled when using a OneDrive URL.)

Hide blank values from tooltip
This option is off by default. Switch it to On if you want to hide blank values in tooltips.

Configure autoplay
Enable autoplay
Toggle autoplay on or off.
Speed (in seconds)
Use the slider to set the autoplay speed, up to 100 seconds.

REST API Filter
Append additional filter
Toggle on or off.

When toggled On, a text box below it will be enabled. Placeholder text as an example will be displayed by default, such as "$filter=ID eq 1&$orderby=ID desc".

About
Link
Click the provided link for instructions and how-to guides.
Version
Displays the current version of the web part (as specified in the manifest).

Save, Publish and Republish

After configuring the Avant Drive web part, finalize your settings by choosing **Save as draft** to keep changes private, **Publish** to make them live, or **Republish** to update an existing live version. Then, review the page to ensure everything displays correctly.

At the top right of the web part, you'll find a **See all** button. Clicking it will redirect you to the full view of the connected SharePoint Library or OneDrive.