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Ribbon icons


 Opens a dialog form with a dwg filter which enables to open dwg files stored in your SharePoint document library. See also [Open or edit a file in a SharePoint library](#) and [Opening a drawing from AutoCAD](#)
Tip: The last visited drawings can be opened using the chevron next to it.

 Opens a dialog form with a dwg filter which enables to save the current dwg drawing to a SharePoint document library. See also [Save a file to a SharePoint library](#).

 Checks in the current drawing. See also [Check in a file to a SharePoint library](#).

 Checks out the current drawing. See also [Check out a file from AutoCAD](#).


 Undo or discard the current checked out drawing. See also [Undo check-out and discard changes in a SharePoint library](#).


 Makes possible to edit the current checked in drawing without checking it out unless a document library requires files to be checked out for editing, checked in files are opened as read only by default.


 Display your drawing version store in your SharePoint document library. See also [Introduction to versioning](#)


 A Display your current drawing SharePoint properties.


 Opens a dialog which enables to insert a dwg drawing stored in a SharePoint document library as a block reference.


 Opens a dialog which enables to insert a raster image stored in a SharePoint document library. You can also insert a previous version by using the "Link-Load Version" button.

 Opens a dialog which enables to insert a dwg drawing stored in a SharePoint document library as a dwg external reference. You can also insert a previous version by using the "Link-Load Version" button.

 Opens a dialog which enables to insert a DWF/DGN/PDF underlay stored in a SharePoint document library as a DWF/DGN/PDF external reference. You can also insert a previous version by using the "Link-Load Version" button.

 Opens a dialog which enables to see all your SharePoint drawing references, and related information. See also [Working with external references](#)

 Opens a dialog which enables to search for drawings text properties within the current document library. To look for an exact phrase, enclose your search criteria with double quotes, e.g. "My drawing".

 Opens the Options dialogs to setup the plugin preferences. See also [Change the location where you work on check-out files](#) and [User Preferences](#)

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Check a file in or out of a SharePoint library

Overview

Checking out files before working on them helps to avoid conflicts and confusion when multiple people are working on the same set of files. When a file is checked out to you, only you can make changes to it. You can check out any file on a SharePoint site for which you

have permission, and you can check out files directly from AutoCAD using this plugin.

When you check in a file, you can type comments about the changes that you made to the file. This helps people to understand what has changed in the file from version to version. This is especially helpful if several people work on a file or if the file is likely to go through several revisions. If your library tracks versions of files, your comments become a part of the version history of the file, which can be helpful if people need to view or restore a previous version.

Your organization may require you to check out a file before you edit it. When check-out is required, you must check in a new file when you create it in a library or upload it to a library.

While a file is checked out to you, the changes that you make are not visible to others until you check the file back in. There may be situations in which you want to check in the file so that others can see your changes, but you want to keep the file checked out so that you can continue working on it. When you check in a file, you can choose to continue working on the file, unless your library tracks both major and minor versions and you are checking in a major version. A major version usually has changed significantly since the previous major version, whereas a minor version usually has changed only slightly since the previous version. For example, a major version may include a large portion of new content, whereas a minor version may include only corrections to spelling errors.

When you use this plugin to check out a file on a Microsoft Windows SharePoint Foundation/Server site, the file can be stored on your hard disk in a drafts folder that is in your My Documents folder. You can change this location to another location on your hard disk or network, or you can specify that checked-out files are stored on the Web server when you work on them.

When you check out a file from a Microsoft Windows SharePoint Foundation/Server site, the file is stored on the server while you work on it, but you must still check in the file before others can see your changes. In most cases, when you check out a file from a Windows SharePoint Foundation/Server site, your file will be stored in your draft folder specified in the Options menu. While files are being tracked, you may be prompted to choose whether you are checking in a major version or a minor version.

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Check out a file from a SharePoint library

Use this procedure to check out a file that is already open in AutoCAD. You can also check out a file from the library on the SharePoint site.

On the menu, click Check Out or push  on the ribbon.

Tip You can change the options for working with checked-out files, located in the Option menu.

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Check in a file to a SharePoint library

Use this procedure to check in a file while it is open in AutoCAD. You can also check in a file from the library on the SharePoint site.

On the plugin menu, click Check In or push  on the ribbon.

If you are prompted whether to check in a major or minor version, click Minor version if you made a minor change or Major version if you made a major change.

In the Version Comments box, type any comments that you want to make about your changes.

These comments appear as part of the version history for the file in the SharePoint library, which can be helpful if you or someone else needs to view information about previous versions.

If the Keep the document checked out after checking in this version check box is available, you can select it if you plan to keep working on the file.

This option is available if your library does not track versions, if it tracks all versions the same way, or if you are checking in a minor version. This option is not available if you are checking in a major version or publishing a file.

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Change the location where you work on checked-out files

This setting changes the location where you work on the next file that you check out. If you are currently working on a checked-out file, this procedure does not change its location.

Click the plugin ribbon, and then click the Options.

In the Check out tab do one of the following:

Use the following procedure to work with checked-out files on your hard disk or on a network location:

Under Save checked-out files to, click The server drafts location on this computer.

In the Server drafts location box, type the location on your hard disk where you want to work with checked-out files, or click Browse to find the location.

To work with checked-out files on a Web server, under Save checked-out files to, click The web server.

When you choose this option, you work with your checked-out files on the Web server or site where your files are stored. You cannot customize the specific location.

Click OK.

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Undo check-out and discard changes in a SharePoint library

On the plugin menu, click Discard Check Out or press  on the ribbon.

When you are asked whether you want to discard the check-out, click Yes.

Tip: You can also discard the check-out by using commands in the library on the SharePoint site.

See Also

[Check a file in or out of a SharePoint library](#)

[Open or edit a file in a SharePoint library](#)

[Save a file to a SharePoint library](#)

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Open or edit a file in a SharePoint library

Overview

Checking out files to work on them

If multiple people work on the same files, you may want to check out files before you work on them. When you check out a file, you are the only person who can change it while it is checked out to you. This reduces the potential for confusion or editing conflicts. A file must be checked in before other people can see the changes.

A library can be set up so that it requires check-out. When a library requires check-out, you must check out files before editing them. New files must be checked in before other people can see them.

Working with files on your hard disk

When you check out a file and the file is in a library on a Windows SharePoint Foundation/Server site, you can work with the file on your hard disk in AutoCAD. In most cases, this is faster than working with the file on a server. The file is stored in the server drafts folder on your hard disk; you can change this location through the options for saving in the Options menu.

When you check out a file to your server drafts folder, you can even work with a file when you aren't connected, such as when you are away from the office. When you are connected again, you can update your changes on the server. If you checked out the file, you need to check in the file to enable other people to see your changes.

Open a file from a SharePoint site

Note: Your site may be customized differently, but you can use the following guideline in most cases to determine which version of Windows SharePoint Foundation/Server is running on the site: On a Windows SharePoint Foundation/Server site, a menu with your user name or account appears in the upper-right corner.

On the SharePoint site, open the library where your file is located.

What to do if you can't find your library

If the name of your library does not appear, do the following:

On a Windows SharePoint Foundation/Server site, click View All Site Content.

Click the name of your list.
Click on the drop-down list next to the file that you want to open.
Select Edit in Autodesk AutoCAD to start editing the file.

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Check out a file from AutoCAD

Use the following procedure to check out a file while it is open in AutoCAD. You can also check out a file from the library on the SharePoint site.

On the plugin menu, click Check Out or press  on the ribbon.

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Edit a file by opening it from a SharePoint site

To open a dwg AutoCAD file from a Windows SharePoint Foundation/Server site, you can just click the file. To edit a file on a site running Windows SharePoint Foundation/Server use the editing command that appears in the drop-down list for the file and select Edit in Autodesk AutoCAD.



Note: If you do not see the option above, follow the instructions from the plugin Readme file, make sure you have administrative privileges on the SharePoint server.

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Opening a drawing from AutoCAD


On the plugin menu or ribbon, click Open.


If you have not open a file previously, type the document library entire path, e.g. http://servername/Document Library name.

This path location will be remembered next time you open a file. To save file locations, you can add to your favorites by clicking the  button and navigate to them by using the  button.


Once you have navigated to the document library, select the file and hit the Open button.

Available for the latest SharePoint Online version there are the  and the  buttons to list and navigate all document library files.

The  called Flat View was introduced to overcome 5K file view limitation and it will allow to search for files which metadata is registered as "managed property". More information about managed properties can be found at <https://docs.microsoft.com/en-us/sharepoint/technical-reference/automatically-created-managed-properties-in-sharepoint>

The  called Light View was introduced to be able to navigate fast using the latest SharePoint tools, it gives the document status like checked out by and locked by. You can open and save files using this view.

Tip: The last 10 files that have been opened or saved are listed in the file name box, just click the chevron on the right to display the recent drawings, select the one needed and hit the Open/Save button.

You can also open and search for files by clicking on the  button. Searches are made to every SharePoint drawing text property used by the document library default view. Type several words to narrow your search. If you need to look for an exact phrase, enclose your search words with double quotes e.g. "My drawing".

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Save a file to a SharePoint library

Overview

A SharePoint site or document management server can provide a central location for people to manage and track files. For example, you can use a SharePoint library to manage versions of files, store additional information about files, and receive updates when the files change. Some document management servers also provide workflow features to help manage business processes, such as review and approval.

This plugin provides an option to make it easier to find your available SharePoint libraries, saving to a library is similar to saving to any network or Web location.

To save a file to a SharePoint site, you must have permission to contribute to the SharePoint site. Other people in your group also need permission to read or contribute. For example, to save a file to a document library on a SharePoint site, you need to have permission to contribute to the library.

When you save a file, you may be prompted to provide additional information or perform other actions, depending on how your site or server is set up. For example, you may need to enter information about the file, such as your department name or the content type of the file. For more information, see the administrator or owner of your site.

If a file is checked out to you, which means that only you can make changes to it during check-out, you must check the file back in before other people can see your changes. If your library tracks major and minor versions, you are prompted when you check in the file to specify whether you are checking in a major version or a minor version. A major version usually has changed significantly since the previous major version; whereas a minor version usually has changed only slightly since the previous version. For example, a major version may include a large portion of new content, whereas a minor version may include only corrections to spelling errors.


Depending on how your library is set up, you may have additional steps to take before you make your files visible to others. For example, you may need to specify information about the file, or your file may need to be approved before it is visible to everyone in your group.

In addition to saving a file directly to a SharePoint library, you can also save the file to your hard disk and then save or upload it later to a library or another Web location.

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Save a file to a SharePoint library

The following procedure is for saving your file to a SharePoint library or another location for the first time. After you save a file for the first time, you can click Save as you do for any file.

To save a file for the first time, on the plugin menu, click Save or push the  button on the ribbon.

If you like to save the file to a different location, on the plugin menu, click Save As. If you see the name of the server or site that you want to save the file to, click it, and then click Open, otherwise type the entire document path e.g. http://servername/Document Library Name and hit Open.

Tip: You can also double-click the name.

Click the name of the library or other location that you want to save the file to, such as Shared Documents, and then click Open.


Tip You can also double-click the name of the library or other location.

In the File name box, type a name for the file.

Click Save.

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Introduction to versioning

Versioning enables you to store, track, compare, and restore items in a list and files in a library as they are changed. Access the file version history on the plugin menu Version History or push the  button on the ribbon

Overview

When versions are tracked for lists or libraries, revisions to the items or files and their properties are stored. This enables you to better manage content as it is revised and even to restore a previous version — for example, if you make a mistake in the

current version. Versioning is especially helpful when several people work together on projects, or when information goes through several stages of development and review.

You can use versioning to do the following:

- Record a version history When versioning is enabled, you can see when an item or file was changed and who changed it. You can also see when properties, or information about the file, were changed. For example, if someone changes the due date of a list item, that information appears in the version history. For files, you also see comments that people include about their changes.
- Restore a previous version as your current version Did you make a mistake in a current version? Or perhaps you need to restore part of a document that you deleted. You can easily replace your current version with a previous version. Your current version then becomes part of the version history.
- View a previous version: You can view a previous version — for example, to refer to a previous guideline — without overwriting your current version.

Libraries can track both major versions, such as those to which a new section was added, and minor versions, such as those in which a spelling error was corrected. Lists can track only major versions. Lists and libraries can also limit the number of versions that people can store.

To enable versioning, you must have permission to design a list or library.

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When versions are created

When versioning is enabled, versions are created in the following situations:

- When a list item or file is first created or when a file is uploaded.

Note: If file check-out is required, the file must first be checked in, in order to create its first version.

- When a file is uploaded that has the same name as an existing file and the Add as a new version to existing files check box is selected.
- When the properties of a list item or file are changed.
- When a file is opened, edited, and saved. A version is created when you first click Save. This version is updated with the latest changes that you make to the file before closing it.

Note: A version is not created every time that you or another user clicks Save, because this would create too many versions.

- When a file is checked out, changed, and then checked back in.

Note: If you or another user discards the checked-out version, no version is created.

You can choose to delete a single version of a file — for example, if you know that you made a mistake in that version — which removes that version from the version history. However, if you delete the actual file, all of its versions are deleted with it. By default, when you delete a version, the version is sent to the Recycle Bin, where it can be recovered until it is permanently deleted. Your organization may handle deletions differently, however.

Important: If your organization limits the number of versions that it stores, the oldest versions are permanently deleted when the limit is reached. They are not sent to the Recycle Bin.

Working with major and minor versions

Depending on the needs of your organization, your library may be set up with simple versioning, which tracks only major versions, or it may track both major and minor versions. If people in your group don't often work on several revisions, your organization may only need simple versioning. If many people work on files together and usually create several versions, your organization may want to track both major and minor versions.

Providing two types of versions can help your team to better manage its content. People who work with the content can better understand the current status of a file. For example, a major version is usually one that is ready for a larger group to see and review, whereas a minor version is a draft that someone is still working on.

Tracking both kinds of versions also helps to make the version history more meaningful. A major version is more likely to represent a milestone in the file's development, such as when a file is submitted for review or distributed to others. A minor version is typically used as a routine increment, such as a version that you save or check in while you are still writing the content, or a version in which you correct some minor errors. When you want to view the version history of a file, the major versions may help you to identify the stages of the file's development and make the history easier to browse through.

When major and minor versions are tracked, a version is stored by default as a minor version, unless you designate the version as a major version. When you save a file and close it, the version is tracked as a minor version. You must first publish the file in order for it to become a major version. You can publish the file by using drop-down commands in a library. In some programs that are compatible with Microsoft Windows SharePoint Foundation/Server, you can also use commands in the program. By default, each major version can have up to 511 drafts (minor versions), but the site administrator or owner can further limit the number of versions.

If you have permission to delete versions, you can overwrite a minor version with another minor version. For example, you may want to overwrite a version if you know that the previous version contains an error and you don't need to keep it. If you publish a major version and then realize that you made a mistake, you can turn the version into a minor version again by unpublishing it.

If you check out files before working on them, you can designate which type of version you are checking in. You do not have to publish a file if you designate it as a major version when you check it in.

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Version numbering

Versions are numbered as you create them. In a list or in a library with simple versioning enabled, version 1 is the first version that you create or upload, and the version number increases by increments of whole numbers, as in version 2, version 3, and so on.

When you track major and minor versions, the major versions are whole numbers, and the minor versions are decimals. For example, 0.1 is the first minor version of a file, 1.3 is the third minor version of a file that was published once, and 2.0 is the second major version of a published file.

No. ↓	Modified	Modified By	Comments
This is the current published major version			
2.0 1	5/15/2009	Nina Vietzen	Legal Review
1.3	5/14/2009 Due date 6/9/2006	Vanessa Garcia	changed due date
1.2 2	5/13/2009	Mike Miller	Updated figures
1.1	5/11/2009	Vanessa Garcia	Fixed some typos
1.0	5/10/2009	Dave Natsuhara	ready for first review
0.2	5/10/2009	Mike Miller	Inserted chart
0.1 3	5/10/2009	Dave Natsuhara	added sales data

1- The current published major version is highlighted, and the version number is a whole number.

2- A version is created when properties or metadata changes.

3- The first version of a file is always minor version number 0.1.

In a list or library, you can display a Version column that displays the version number of files or list items, which can be helpful if your team frequently revises information.

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How versioning works with content approval

Major and minor versioning integrates with content approval for lists and libraries.

When content approval is required, a list item or file remains in a draft or pending state until it is approved or rejected by someone who has permission to approve it. If the item or file is approved, it is assigned an Approved status in the list or library, and it is displayed to anyone with permission to view the list or library. If the item or file is rejected, it remains in a pending state and is visible only to the people with permission to view drafts.

When you enable major and minor versioning in a library that requires content approval, you can also add a workflow, if you or someone in your organization has created one. A workflow controls how your files move through business processes, such as review or approval. You can use a workflow to manage the approval process when major versions are checked in.

By default, in a library that tracks both major and minor versions, you must first publish a major version of a file before it can be approved. Minor versions are considered drafts that are still being developed, so they don't appear as pending items that are waiting for approval.

For example, a travel agency might use a document library to manage files. While team members develop a new sales proposal, they track minor versions of the file. If they make a mistake in one version, they can restore it to a previous version. When they finish the proposal, they can create a major version and then publish it for approval by their legal department and their manager. When the file is approved, other employees in the company can view the file.

By default, a pending item or file is visible only to its creator and to the people with permission to approve items, but you can specify whether other groups of users can view the item or file.

When content approval is required, the people who have permission to read content but who do not have permission to see draft items will see the last approved or major version of the list item or file. If major and minor versions are tracked in a library and no one has published a major version yet, the file will not be visible for the people who do not have permission to see draft items..

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How versioning works with file check-out

Checking out files make the most of versioning. When you check out a file, a version is created only when you check the file back in, so that you can specifically designate when a version is created. When check-out is not required, a version is created when you first save a file, and then this version is updated when you close it. If you open and save the file again, another version is created. Depending on the situation, you might not intend for multiple versions to be created, for example, if you have to close a file to attend a meeting before you finish making changes to the file.

When check-out is required, you cannot add a file, change a file, or change the file's properties without first checking out the file. When you check in the file, you are prompted to provide comments about the changes that you made, which helps to create a more meaningful version history.

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Working with external references

Overview

This plugin will allow you to seamlessly update your external references to its SharePoint location when issuing the REFEDIT command. Besides it counts with an external reference manager which enables easy organization of your external references saved in a SharePoint site. For a complete description of this plugin external reference manager see also [External Reference Manager](#)

You can also set your external references to the same host url location when this plugin does not find your external reference. It will look at your host url folder for it. If the external reference is found when opening your host drawing and your host drawing is in checkin or checkout status (requires checkout or offline status are not allowed), the plugin will prompt you for setting the external reference at the host url location. This is useful when moving the entire project files to a new location if the external references are in the same host url location.

Specify a Relative Path

Relative paths are partially specified folder paths that assume the current drive letter or the folder of the host drawing. This is the most flexible option, and enables you to move a set of drawings from your current drive to a different drive that uses the same folder structure.

The conventions for specifying a relative folder path are as follows:

./path

From the folder of the host drawing, follow the specified path

../path

From the folder of the host drawing, move up one folder level and follow the specified path

../../path

From the folder of the host drawing, move up two folder levels and follow the specified path

Note If a drawing that contains referenced files is moved or saved to a different SharePoint folder, you must edit any relative paths to accommodate the host drawing's new location or you must relocate the referenced files.

Specify an Absolute Path

An absolute path is a fully specified hierarchy of folders that locates the file reference. An absolute path is a complete URL address. This is the most specific but least flexible option.

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External Reference Manager

Access to the reference manager by clicking on the  icon

The plugin reference manager will display in a tree view all your current drawing external references coming from a SharePoint site or any other web location. By moving on external reference or host icons, you can get information like status (checked in/out, checked out offline, checked out by other, etc), url location and saved path. If you right click on the icon, it will allow to do the following operations:

Refresh: Will update the status and the rest of the external references information shown when the mouse is on top of each tree node.

Open: This will open the host to ease SharePoint document library operations.

Properties: The SharePoint properties form for the selected file are displayed for editing if it is allowed.

Reload: This will allow to download a copy of the external reference saved in your SharePoint library. This is useful to update your local copy and watch the changes, if a host is selected, it will close, download and open the host file if required.


Attach: It will mimic the behavior of the regular 'Attach' dialog found under the AutoCAD 'External References' dialog.


Check in/out: It will check the selected external reference out if it is checked in and viceversa. This option is only available when the drawing is closed.

Add Drawing: It will allow to add the selected external reference file as a host. Useful to perform operations on nested external references.

Link-Load version: It will link and load the external reference, raster or underlay to a specific version. This way if the referenced file is updated, the host drawing will have an unchanged version linked. Note, the version mapping is only available with relative path and also the referenced file may not load correctly if the "Use a single folder for working files" option is selected. See [Known limitations](#).

Other operations can be performed by clicking on the next icons

 It will allow to choose a SharePoint drawing and add it to the tree panel. Useful to see drawings simultaneously.




 It shows the file thumbnail if available along with its information when the mouse is on the file tree node.

 It adds all the existing drawings from the selected SharePoint folder to the tree node panel. This operation can take long time depending on the amount of drawings on the Sharepoint folder.

 Opens a right panel to show all the external references from the hosts added to the left panel.

To edit the external references saved path, right click on your selections and choose "Edit selected path" option, if you need to set them as absolute path check the box on the upper right window corner.

The above feature is useful when you have external references mapped to local folders or network shares. To remap the external references to a SharePoint folder do the next steps.

1. Close the host drawings you need to modify, make sure you have write permission for these drawings in SharePoint.
2. Add the hosts drawings to the left panel either using  for a single drawing choice or  for all drawings in the selected folder
3. Open the right panel by selecting the  icon, you will see all the external references which belong to the host files listed on the left panel.
4. By holding the ctrl key select with the mouse the external references you need to modify their path.
5. Right click and select "Edit Selected path..." this will open a folder selector dialog
6. Navigate and select the folder where the external references are located, click the Select button.
7. After this operation finishes, changes are shown in the "Saved Path" column.

Tip: You can remap automatically a "not found" external references that are placed in the same SharePoint folder where the host drawing is located. This remapping will happen when the host drawing is being opened.

Note: External reference change notification is only available for relative mapped ones (the default), you can do transmittals as usual by using relative paths.

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User Preferences

Close drawing after check in option

When checked, drawing files are close after being checked in

Use titleblocks

As its name indicates, it is a AutoCAD block designated to carry the main drawing information, like its title, drawing number, designers etc. title blocks are usually placed at the bottom right corner. In AutoCAD you can assign custom attribute tags to a title block which matches those column names in your SharePoint document library. By doing so, your title block data will be connected both ways to SharePoint.

By checking the "Use titleblock" box, when checking in your drawing, SharePoint column values will be updated from the matching titleblock attributes, on the other hand, when checking out your drawing the titleblock attributes will be updated from the matching SharePoint column values.

By default a title block attribute tag and a SharePoint column name are mapped when they both have the same value. If you are working with a drawing from SharePoint, a mapping button is enabled which allow you to customize the mapping relationship between a block attribute tag and a SharePoint column name. You can save the customized mapped values and date time format using the Save button or restore the default values using the Reset to default button.

Note:

1. Some SharePoint columns are defined as read only ones therefore they will not accept values coming from the block attribute.
2. Some special SharePoint fields can update AutoCAD attribuites when checking in. These are Version, Check in Comment, Modified

Use a single folder for working files

Check this option if you receive errors because of a long path. All opened drawings and their external references will be downloaded in the same local folder. See notes in [Known limitations](#) section.

Open checked in drawings as read only

When opening a checked in drawing it is opened as read-only by default then a message explaining how to edit the drawing is displayed. To suppress this message and open a checked in drawing for editing by default, uncheck this option. Note that by unchecking this option the drawing will be locked by you as long as it is opened.

Check out and open

It will automatically check out a drawing if possible before opening it. Note, it will not check out the drawing to a draft location if selected.

Auto Check-In on Close

It will automatically check in the document as a minor version when the checked out document is closed. Note, for checked out offline documents, this method does not work, the user must check in the document manually using the check-in button

before document is closed.

Add a SharePoint network location

This will open a browse folder dialog to select a particular folder that will add a shortcut to the SharePoint folder under the "This PC" Windows explorer. This shortcut will enable file access using the application regular dialogs. Use this option only for specific cases where this plugin does not offer a solution to access SharePoint files. Notice that using this link may lead to file corruption since it does not have the reliability of the native SharePoint check-in/out file locking control, therefore this access will work fine for read-only file operations.

External References

Notify changes in the external references

If an external reference changes in the SharePoint server, and its host drawing is the current one, an AutoCAD notification to reload the external reference is received. Unchecking this option will suppress this notification.

Automatically check in/out all host xrefs when these operations are applied to host

When doing check in or check out operations to a host drawing, the plugin will try to check in or check out the host external references.

Do not download an xref mapped incorrectly

This option will skip looking for an external refererence not found in the mapped location, even if the xref is in the same host location., saving time.

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Other features

Language change

Type C2W_LANGUAGE on the AutoCAD command window and select the desired language. You may need to restart the AutoCAD session.

Automatic Publish

When this AutoCAD option is activated, it will create or update a published pdf, dwf or dwfx file at the same drawing SharePoint location. Note, it will only work if the Auto-publish Location option selected is Drawing folder.

External references download

If the external reference is not found in the relative or absolute SharePoint saved location and the external reference is in the same SharePoint folder where the host is, it will be downloaded and placed where the host drawing is temporarily downloaded. This way the external reference will be loaded by the host drawing.

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Known limitations

Special characters:

Saving drawings with file names that contains characters like # or & are not allowed. This is a SharePoint limitation, for a complete description see <http://support.microsoft.com/kb/905231> .

External references:

1. Nested external references which host is mapped with absolute url path may not display, use relative mapped xrefs.
2. External references mapped with absolute url path may not be displayed as the latest version, reload or use relative mapped xrefs.
3. Updating external references using the refedit command will not work if the xref is checked out offline, while the host file is a checked in or checked out online.
4. Reloading using the xref command by right clicking a raster image or an underlay will not work. Use the plugin external manager instead.

External references manager:

1. Can not do check in/out operations to a checked out offline file.
2. The "Check out" option will check-out the selected reference in online mode despite the user offline preferences.
3. Xrefs will not be loaded if the host file is a version file.
4. Absolute path mapping and remapping is not supported for dwf, dgn, pdf external references.
5. Can not edit external reference path when its host is opened.
6. Absolute mapped xrefs with nested xrefs may not be resolved.

Version operations:

There are not message descriptions for operations not allowed like erasing a published version.

When the "Use a single folder for working files" option is activated:

1. Cannot "save as" a drawing located in SharePoint using the same name. Workaround, save the file under a different name.

2. A linked version does not display correctly in the host drawing if the current version file is opened. The reason is that the current version overwrites the local linked version copy. Workaround, save the version using another file name and re-attach it.
3. Bringing to front a version linked xref that was added as drawing in the CADtoWIN xref manager main node, will not work when the node is clicked.
4. Only one dwg,raster or underlay version file will be displayed to a particular host if multiple versions of the same file are attached. This is because all versions have the same file name and only one version file can be copied in the working folder. Workaround, save the version to another file name and re-attach it.
5. External references which saved path is too long may not load. Workaround, move it closer to host location and attach them using relative path.

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Additional Notes

- After closing the AutoCAD session, the temporal working folder located at %localappdata%\CADtoWIN should be erased to prevent working with old files. If this does not happen, follow the instructions from article titled "AutoCAD .NET API: IExtensionApplication.Terminate () Not Called" located at the next link <https://adndevblog.typepad.com/autocad/net/>
- Using Onedrive to sync the files files you are working with this plugin in SharePoint is not recommended. Lost of work may happens. See <https://knowledge.autodesk.com/support/autocad/troubleshooting/caas/sfdcarticles/sfdcarticles/Conflict-copies-of-drawing-files-saved-from-AutoCAD-are-created-in-OneDrive-synced-network-drives.html>

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