



SharePoint Content Management & Dashboard Reporting (CMDR) Tool

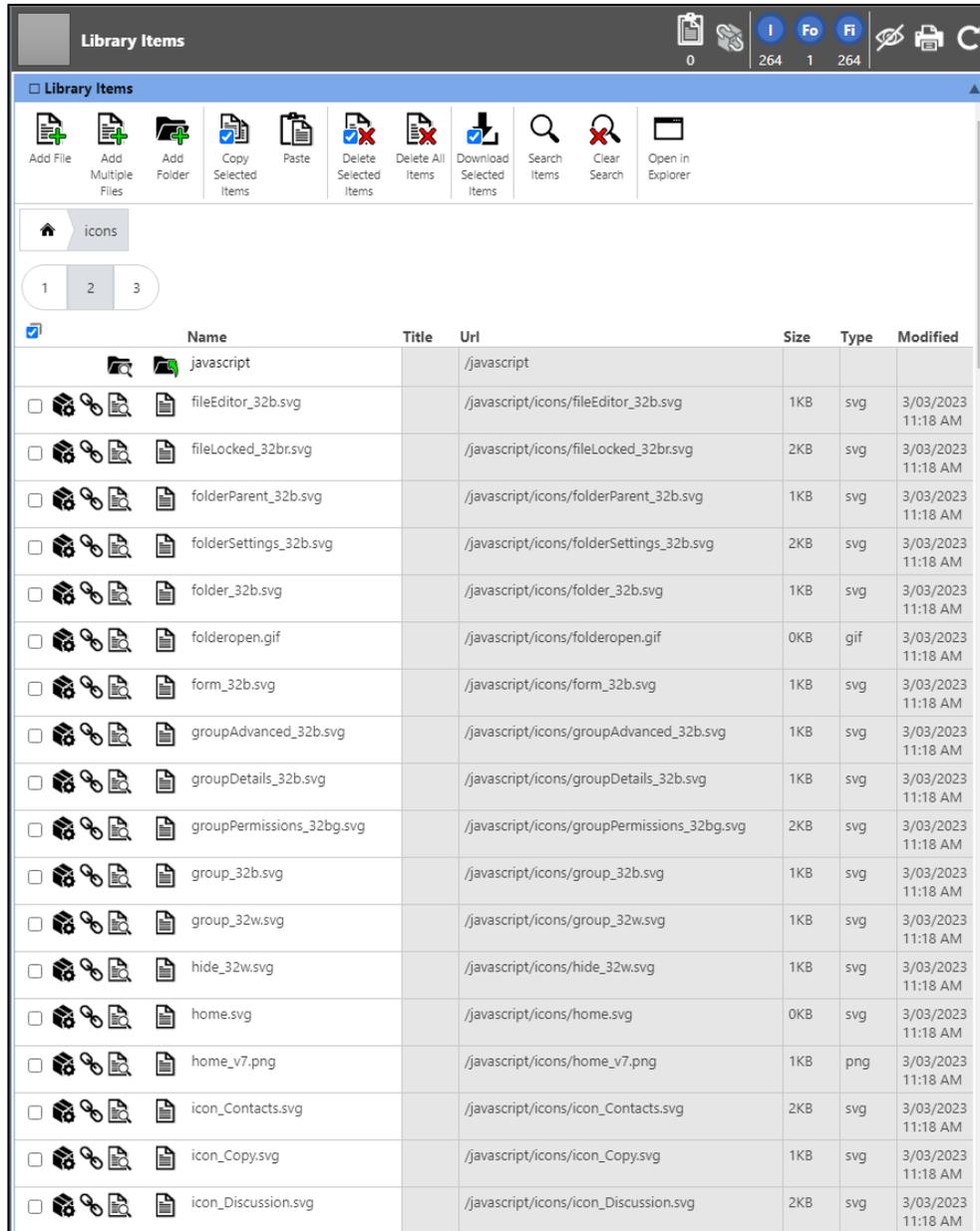
Library Items

Version 1.0

SharePoint CMDR Tool: Library Items

Purpose:

The Library Items module offers users comprehensive management of items, files, and folders within a library. Beyond standard CRUD operations, the module provides additional capabilities such as opening in Explorer, searching for items, and facilitating drag-and-drop functionality for files into the library.



The screenshot displays the SharePoint Library Items interface. At the top, there is a header bar with the title "Library Items" and several icons for clipboard, permissions, and file collection details. Below the header is a toolbar with various actions: Add File, Add Multiple Files, Add Folder, Copy Selected Items, Paste, Delete Selected Items, Delete All Items, Download Selected Items, Search Items, Clear Search, and Open in Explorer. The main content area shows a list of items under the "icons" folder. The list has columns for Name, Title, Url, Size, Type, and Modified. The items listed include a javascript file and various SVG and GIF files related to folder and group management.

	Name	Title	Url	Size	Type	Modified
<input checked="" type="checkbox"/>	javascript		/javascript			
<input type="checkbox"/>	fileEditor_32b.svg		/javascript/icons/fileEditor_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	fileLocked_32br.svg		/javascript/icons/fileLocked_32br.svg	2KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	folderParent_32b.svg		/javascript/icons/folderParent_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	folderSettings_32b.svg		/javascript/icons/folderSettings_32b.svg	2KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	folder_32b.svg		/javascript/icons/folder_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	folderopen.gif		/javascript/icons/folderopen.gif	0KB	gif	3/03/2023 11:18 AM
<input type="checkbox"/>	form_32b.svg		/javascript/icons/form_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	groupAdvanced_32b.svg		/javascript/icons/groupAdvanced_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	groupDetails_32b.svg		/javascript/icons/groupDetails_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	groupPermissions_32bg.svg		/javascript/icons/groupPermissions_32bg.svg	2KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	group_32b.svg		/javascript/icons/group_32b.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	group_32w.svg		/javascript/icons/group_32w.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	hide_32w.svg		/javascript/icons/hide_32w.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	home.svg		/javascript/icons/home.svg	0KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	home_v7.png		/javascript/icons/home_v7.png	1KB	png	3/03/2023 11:18 AM
<input type="checkbox"/>	icon_Contacts.svg		/javascript/icons/icon_Contacts.svg	2KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	icon_Copy.svg		/javascript/icons/icon_Copy.svg	1KB	svg	3/03/2023 11:18 AM
<input type="checkbox"/>	icon_Discussion.svg		/javascript/icons/icon_Discussion.svg	2KB	svg	3/03/2023 11:18 AM

Functions:

Header

- **Clipboard Icon:** this icon opens the Library Clipboard modal.
- **Show Items with Unique Permissions Icon:** this icon opens the Unique Permissions modal.
- **Item Collection Additional Details Icon:** this icon opens the Additional Details: Items modal with a list of all the different functions and objects (and any retrievable values).

- **Folder Collection Additional Details Icon:** this icon opens the Additional Details: folders modal with a list of all the different functions and objects (and any retrievable values).
- **File Collection Additional Details Icon:** this icon opens the Additional Details: files modal with a list of all the different functions and objects (and any retrievable values).
- **Hide Icon:** this icon will hide the current module.
- **Print Icon:** this icon generates a print preview of the module.
- **Refresh Library Items Icon:** this icon is located in the upper-right corner of the module and allows the user to forcibly refresh the module.

Library Items

Title

- The title acts as a show/hide accordion toggle.

Menu

- The menu allows the user several operations:
 - **Add File Icon:** This menu option opens the Upload page in SharePoint.
 - **Add Multiple Files Icon:** this menu option opens the Add Library Items modal.
 - **Add Folder Icon:** this menu option opens the Create Folder modal.
 - **Copy Selected Items Icons:** this menu option copies the selected items to the Library Items Clipboard.
 - **Paste Icon:** this menu option pastes all of the items in the Library Items Clipboard to the current folder of the Library.
 - **Delete Selected Items Icon:** this menu option prompts the user to send the item to the Recycle Bin. NOTE: Files and Folders can exist in the Library without being considered an Item.
 - **Delete All Items Icon:** this menu option prompts the user to send all items in the current folder to the Recycle Bin. NOTE: Items can exist in other Folders in the Library, and will not be affected.
 - **Download Selected Items Icon:** This menu option downloads the selected items to the local machine. NOTE: Only files listed as Items can be downloaded.
 - **Search Items Icon:** this menu option opens the Search List Items modal.
 - **Clear Search Icon:** this menu option removes any search queries against the Library and refreshes the view of the contents of the current folder.
 - **Open in Explorer:** this menu option opens the current folder in Windows Explorer. NOTE: this option only works on machines with Internet Explorer still available.

Content

The content of the Library Items section contains a table of every Item, Folder, and File, beginning with the root folder, within the current Library. Users have the ability to select a Folder to explore the file structure of the Library.

The content of the Library Items section contains a breadcrumb interface, a pagination feature that splits the files into blocks of 100 items, and a table of every folder and file within the current folder. As the user selects different folders, the breadcrumb the table and the Library Items section reflect the user's current position within the Library.

The user also has the capability to drag files from their local machine into the Library Folders and Files section to upload files.

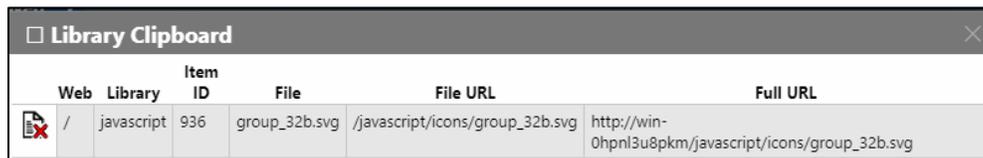
Each row in the Library Folders and Files section contains the following columns:

- **Action Column:** this column contains a series of icons that allow the user to perform actions against the listed row item.
 - **Checkbox:** this control allows the user to select one or more folders and files for various operations in the menu. NOTE: This control is only available for a Folder or File recognized as an Item.
 - **Advanced Settings Icon:** this icon opens the Advanced Settings: item modal. NOTE: this icon is only available for a Folder or File recognized as an Item.
 - **Item Permissions Icon:** this icon opens the Edit Permissions page in SharePoint, and it shows whether the Folder or File is inheriting the permissions from the Library. NOTE: this icon is only available for a Folder or File that is recognized as an Item.
 - **Folder/File Details Icon:** this icon opens the Additional Details: folder/file modal with a list of all the different functions and objects (and any retrievable values).
- **Name:** this column lists the name of the Folder or File. Users can click on the folder icon or the folder name to drill down into the Library. Clicking on the file icon will toggle the file for checkin/checkout.
- **Title:** this column shows the Title (if any) of the folder or file.
- **Url:** this column shows the full url of the folder or file.
- **Size:** this column indicates the size of the file.
- **Type:** this column provides the file extension.
- **Modified:** this column indicates the last date that the file was changed.

Modals

Library Clipboard Modal

The Library Clipboard modal allows the user to view all the files and folders that have been copied. The user can remove any items from the clipboard by clicking on the Remove Item icon.



Web	Library	Item ID	File	File URL	Full URL	
	/	javascript	936	group_32b.svg	/javascript/icons/group_32b.svg	http://win-0hpn13u8pkm/javascript/icons/group_32b.svg

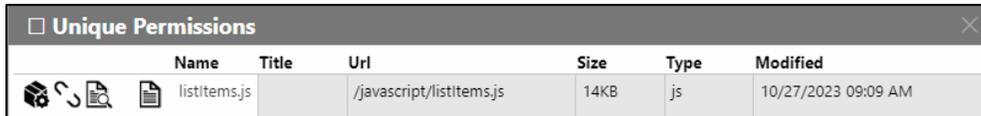
Unique Permissions Modal

The Unique Permissions modal allows the user to identify Library Items that are not inheriting permissions from the Library.

Each row contains the following columns:

- **Action Column:** this column contains a series of icons that allow the user to perform actions against the Libraryed row item.
 - **Advanced Settings Icon:** this icon opens the Advanced Settings: item modal.
 - **Item Permissions Icon:** this icon opens the Edit Permissions page in SharePoint, and it shows whether the Items is inheriting the permissions from the Library.

- **Item Details Icon:** this icon opens the Additional Details: folder/file modal with a Library of all the different functions and objects (and any retrievable values).
- **Name:** this column lists the name of the folder or file. Users can click on the file icon to toggle checkin/checkout of the file.
- **Title:** this column shows the Title (if any) of the folder or file.
- **Url:** this column shows the full url of the folder or file.
- **Size:** this column indicates the size of the file.
- **Type:** this column provides the file extension.
- **Modified:** this column indicates the last date that the file was changed.



Unique Permissions						
Name	Title	Url	Size	Type	Modified	
 listitems.js		/javascript/listitems.js	14KB	js	10/27/2023 09:09 AM	

Additional Details: Items Modal

The Additional Details: items modal allows the user to view a list of all the different functions and objects (and any retrievable values) associated with a specified object. This feature, like every Additional Details modal, is designed to provide administrators and developers more insight into their SharePoint environment.

Items with a red diamond indicator represent a function or object that exists, but no data was able to be retrieved; if the user wants to explore the function or object, they will have to pursue that on their own.

A yellow triangle indicator represents a function or object that exists, and some information about the function or object was able to be retrieved; the user will need to explore that on their own.

A green circle indicator indicates the function or object was able to be executed and provided results.

□ Additional Details: folders			
	Name	Type	Value
●	getEnumerator	function	[object Object]
▲	\$0_0	object	[object Object]
▲	\$5_0	object	[object Object]
◆	\$1E_1	object	
▲	\$2_1	object	[object Object],[object Object],[object Object],[object Object],[object Object],[object
●	\$12_1	boolean	true
◆	itemAt	function	
◆	get_item	function	
●	get_childItemType	function	function(b,a){ULSdih;SPFolder.initializeBase(this,[b,a])}
●	getByUrl	function	[object Object]
●	add	function	[object Object]
●	constructor	function	function(b,a){ULSdih;SPFolderCollection.initializeBase(this,[b,a])}
●	get_areItemsAvailable	function	true
●	retrieveItems	function	[object Object]
◆	\$1U_0	function	
●	\$3M_1	function	[object Object]
◆	getItemAtIndex	function	
●	get_count	function	9
◆	\$3E_1	function	
◆	\$2n_1	function	
●	get_data	function	[object Object],[object Object],[object Object],[object Object],[object Object],[object
●	fromJson	function	function(c){ULSnd3;SPClientObject.prototype.fromJson.call(this,c);var b=c._Child_It [];this.\$12_1=true;SPDataConvert.\$1v(this.\$0_0,this.\$2_1,b,this.get_childItemType());f
●	addChild	function	function(a){ULSnd3;Array.add(this.get_data(),a);if(!a.\$R_0)a.\$R_0=this;this.\$12_1=true
●	removeChild	function	function(c){ULSnd3;if(!this.\$2_1)return;var b=null;if(SPObjectPathIdentity.isInstanceC ->if(this.\$2_1[a]==c){if(this.\$2_1[a].\$R_0===this.\$2_1[a].\$R_0=null;Array.remove if(b&&SPClientObject.isInstanceOfType(this.\$2_1[a])&&SPObjectPathIdentity.isInstar {if(this.\$2_1[a].\$R_0===this.\$2_1[a].\$R_0=null;Array.removeAt(this.\$2_1,a)}}
●	get_context	function	[object Object]
●	get_path	function	[object Object]
◆	get_objectVersion	function	

Additional Details: files Modal

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Search Library Items Modal

The Search modal allows the user to find any Item within the current folder of Library Items module by selecting the column to search and entering the criteria to search by.



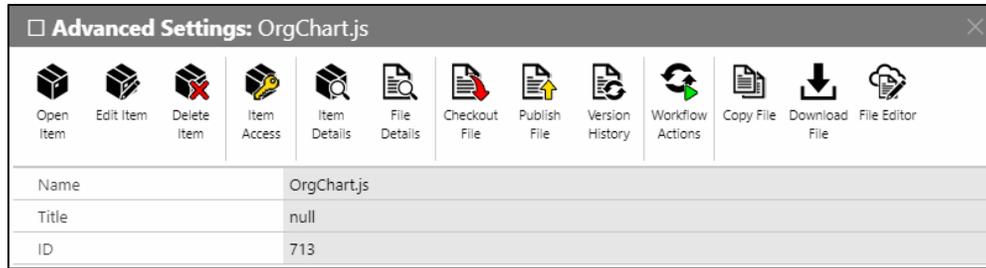
Advanced Settings: item Modal

The Advanced Settings: item modal provides a more in-depth view of each item. The modal contains a menu for advanced functionality, and a table containing all of the public fields associated with the item.

The menu contains the following options:

- **Open Item Icon:** This menu option opens the Display Item page in SharePoint.
- **Edit Item Icon:** this menu option opens the Edit Form page in SharePoint.
- **Delete Item Icon:** this menu option prompts the user to send the item to the Recycle Bin.
- **Item Access Icon:** this menu option opens the Item Permissions page in SharePoint.
- **Item Details Icon:** this icon opens the Additional Details: item modal with a list of all the different functions and objects (and any retrievable values).
- **Folder/File Files Icon:** this menu option opens the Additional Details: folder/file modal with a list of all the different functions and objects (and any retrievable values).
- **Checkout/Checkin File Icon:** this menu option toggles whether the file is checked in or checked out. NOTE: Only available for files.
- **Publish File Icon:** this menu option allows the user to publish the checked in file. NOTE: Only available for files.
- **Version History Icon:** this menu option opens the Versions page in SharePoint. NOTE: Only available for files.
- **Workflow Actions Icon:** this menu option opens the Item Workflows page in SharePoint. NOTE: Only available for files.
- **Copy Folder/File Icon:** this menu option copies the item to the Library Clipboard.
- **Download File Icon:** This menu option downloads the file for the user to store on their local machine. NOTE: Only available for files.
- **File Editor Icon:** This menu option opens the file on a new tab in the File Editor Tool. This allows the user to make changes directly to the file. NOTE: Only available for files.

SharePoint CMDR Tool: Library Items



Additional Details: Item Modal

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Additional Details: item		
Name	Type	Value
▲ \$0_0	object	[object Object]
▲ \$5_0	object	[object Object]
● get_fieldValues	function	[object Object]
● get_item	function	function(a){ULSdih;return this.\$Q_2(a)}
◆ set_item	function	
◆ \$7_2	function	
● get_attachmentFiles	function	[object Object]
● get_contentType	function	[object Object]
● get_displayName	function	function(){ULSdih;this.checkUninitializedProperty("DisplayName");return this
● get_effectiveBasePermissions	function	function(){ULSdih;this.checkUninitializedProperty("EffectiveBasePermissions" this.get_objectData().get_properties().EffectiveBasePermissions)
● get_effectiveBasePermissionsForUI	function	function(){ULSdih;this.checkUninitializedProperty("EffectiveBasePermissionsF this.get_objectData().get_properties().EffectiveBasePermissionsForUI)
● get_fieldValuesAsHtml	function	[object Object]
● get_fieldValuesAsText	function	[object Object]
● get_fieldValuesForEdit	function	[object Object]
● get_file	function	[object Object]
● get_fileSystemObjectType	function	0
● get_folder	function	[object Object]
● get_id	function	702
● get_parentList	function	[object Object]
● get_client_Title	function	function(){ULSdih;this.checkUninitializedProperty("Client_Title");return this.ge
◆ initNonPropertiesFromJson	function	
● initPropertiesFromJson	function	function(b){ULSdih;SP.SecurableObject.prototype.initPropertiesFromJson.call a;a=b.AttachmentFiles;if(!SP.ScriptUtility.isUndefined(a)) {this.updateClientObjectPropertyType("AttachmentFiles",this.get_attachment b.AttachmentFiles)a=b.ContentType;if(!SP.ScriptUtility.isUndefined(a)) {this.updateClientObjectPropertyType("ContentType",this.get_contentType(),a b.ContentType)a=b.DisplayName;if(!SP.ScriptUtility.isUndefined(a)){this.get_of b.DisplayName)a=b.EffectiveBasePermissions;if(!SP.ScriptUtility.isUndefined(a {this.get_objectData().get_properties().EffectiveBasePermissions=SP.DataCom b.EffectiveBasePermissions)a=b.EffectiveBasePermissionsForUI;if(!SP.ScriptUti {this.get_objectData().get_properties().EffectiveBasePermissionsForUI=SP.Dat b.EffectiveBasePermissionsForUI)a=b.FieldValuesAsHtml;if(!SP.ScriptUtility.isU

Additional Details: folder Modal

The Additional Details: folder modal allows the user to view a list of all the different functions and objects (and any retrievable values) associated with a specified object. This feature, like every Additional Details modal, is designed to provide administrators and developers more insight into their SharePoint environment.

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A green circle indicator indicates the function or object was able to be executed and provided results.

Additional Details: folder		
Name	Type	Value
 \$0_0	object	[object Object]
 \$5_0	object	[object Object]
 get_contentTypeOrder	function	function(){ULSdih;this.checkUninitializedProperty("ContentTypeOrder");return this.get_objectData().get_properties().ContentTypeOrder}
 get_files	function	[object Object]
 get_listItemAllFields	function	[object Object]
 get_itemCount	function	0
 get_name	function	Archive
 get_parentFolder	function	[object Object]
 get_properties	function	[object Object]
 get_serverRelativeUrl	function	/javascript/tree/Archive
 get_folders	function	[object Object]
 get_uniqueContentTypeOrder	function	function(){ULSdih;this.checkUninitializedProperty("UniqueContentTypeOrder");return this.get_objectData().get_properties().UniqueContentTypeOrder}
 set_uniqueContentTypeOrder	function	
 get_welcomePage	function	
 set_welcomePage	function	
 initPropertiesFromJson	function	function(b){ULSdih;SPClientObject.prototype.initPropertiesFromJson.call(this,b);var a;a=b.ContentTypeOrder;if(!SPScriptUtility.isUndefined(a))(this.get_objectData().get_properties().ContentTypeOrder)=a;SPDataConvert.populateArray(this.get_context(),this.get_objectData().get_properties().Files)a=b.Files;if(!SPScriptUtility.isUndefined(a))(this.updateClientObjectPropertyType("Files",this.get_files(),a);this.get_files().fromJson(b.Files)a=b.ListItemAllFields;if(!SPScriptUtility.isUndefined(a))(this.updateClientObjectPropertyType("ListItemAllFields",this.get_listItemAllFields(),a)b.ListItemAllFields)a=b.ItemCount;if(!SPScriptUtility.isUndefined(a))(this.get_objectData().ItemCount)=a;b.Name;if(!SPScriptUtility.isUndefined(a))(this.get_objectData().get_properties().Name)=a;b.ParentFolder;if(!SPScriptUtility.isUndefined(a))(this.updateClientObjectPropertyType("ParentFolder",this.get_parentFolder(),a);this.get_parentFolder())a=b.Properties;if(!SPScriptUtility.isUndefined(a))(this.updateClientObjectPropertyType("Properties",this.get_properties(),a);this.get_properties())a=b.ServerRelativeUrl;if(!SPScriptUtility.isUndefined(a))(this.get_objectData().get_properties().ServerRelativeUrl=a;delete b.ServerRelativeUrl(this.updateClientObjectPropertyType("Folders",this.get_folders(),a);this.get_folders().Folders)a=b.UniqueContentTypeOrder;if(!SPScriptUtility.isUndefined(a))(this.get_objectData().get_properties().UniqueContentTypeOrder)=a;SPDataConvert.populateArray(this.get_context(),this.get_objectData().get_properties().UniqueContentTypeOrder)a=b.WelcomePage;if(!SPScriptUtility.isUndefined(a))

Additional Details: file Modal

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□ Additional Details: file		
Name	Type	Value
▲ \$0_0	object	[object Object]
▲ \$5_0	object	[object Object]
◆ \$7_1	function	
● \$4j_1	function	function(a){ULSdih;if(typeof a==="undefined")throw Error.argument(0);}
● get_author	function	[object Object]
● get_checkedOutByUser	function	[object Object]
● get_checkInComment	function	
● get_checkOutType	function	2
● get_contentTag	function	{5D6F24B2-B22F-4C8B-BA5F-08E5ACC49755}, 1, 2
● get_customizedPageStatus	function	0
● get_eTag	function	"{5D6F24B2-B22F-4C8B-BA5F-08E5ACC49755}, 1"
● get_exists	function	true
● get_length	function	372
● get_level	function	1
● get_listItemAllFields	function	[object Object]
● get_lockedByUser	function	[object Object]
● get_majorVersion	function	1
● get_minorVersion	function	0
● get_modifiedBy	function	[object Object]
● get_name	function	folder.gif
● get_serverRelativeUrl	function	/javascript/tree/folder.gif
● get_timeCreated	function	Tue Aug 23 2022 14:28:57 GMT-0400 (Eastern Daylight Time)
● get_timeLastModified	function	Tue Aug 23 2022 14:28:57 GMT-0400 (Eastern Daylight Time)
◆ get_title	function	
● get_uiVersion	function	512
● get_uiVersionLabel	function	1.0
● get_versions	function	[object Object]
● initPropertiesFromJson	function	function(b){ULSdih;SPClientObject.prototype.initPropertiesFromJson.call(this,b);var a {this.updateClientObjectPropertyType("Author",this.get_author(),a);this.get_author().f b.Author}a=b.CheckedOutByUser;if(!SPScriptUtility.isUndefined(a)) {this.updateClientObjectPropertyType("CheckedOutByUser",this.get_checkedOutByU