



SharePoint Content Management & Dashboard Reporting (CMDR) Tool

List Fields

Version 1.0

SharePoint CMDR Tool: List Fields

Purpose:

The List Fields module is crafted to handle the fields (columns) of a SharePoint list with efficiency and precision. This module includes functions for initializing list field settings, rendering HTML for list fields, updating the display, and performing various operations related to list fields. By providing users with comprehensive control over list fields, the module ensures a seamless and customized approach to managing data within the SharePoint list, enhancing the overall user experience in handling diverse information and field configurations.

The screenshot displays the 'List Fields' module interface. At the top, there's a header with the title 'List Fields' and navigation icons (F, 81, eye, printer, refresh). Below the header, there are four action buttons: 'Add Field', 'Add Multiple Fields', 'Import CSV', and 'Export to Excel'. The main content area is divided into two sections: 'Public Fields' and 'Non-Public Fields'. Each section contains a table of field configurations.

Field Title	Field Name	Type	Required
Name 8553196d-ec8d-4564-9861-3dbe931050c8	FileLeafRef	File	<input checked="" type="checkbox"/>
Title fa564e0f-0c70-4ab9-b863-0177e6ddd247	Title	Text	<input type="checkbox"/>
Country b0f17d1b-b866-45a7-8fb5-dddbbfff03d7	Country	Choice	<input type="checkbox"/>
Price 30554ec7-4fb9-45bf-8e3f-58c1078a7cd7	Price	Text	<input type="checkbox"/>
OrderQuantity 2c76b385-7beb-49e0-a83f-fdc81ba0e017	OrderQuantity	Number	<input type="checkbox"/>
Tier 87db2b95-c3b5-481d-a812-c60819e84030	Tier	Text	<input type="checkbox"/>
Type 23bbe564-9c9d-45ca-bdb0-866c68b84057	Type	Text	<input type="checkbox"/>
Active ff2480be-3bca-4c17-9efa-a11ad9f3420f	Active	Text	<input type="checkbox"/>
Content Type c042a256-787d-4a6f-8a8a-cf6ab767f12d	ContentType	Computed	<input type="checkbox"/>

Field Title	Field Name	Type	Required	Hidden	Read Only
Content Type ID 03e45e84-1992-4d42-9116-26f756012634	ContentTypeId	ContentTypeId	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Approver Comments 34ad21eb-75bd-4544-8c73-0e08330291fe	_ModerationComments	Note	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Document Modified By 822c78e3-1ea9-4943-b449-57863ad33ca9	Modified_x0020_By	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Document Created By 4dd7e525-8d6b-4cb4-9d3e-44ee25f973eb	Created_x0020_By	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
File Type 39360f11-34cf-4356-9945-25c44e68dade	File_x0020_Type	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HTML File Type 0c5e0085-eb30-494b-9cdd-ece1d3c649a2	HTML_x0020_File_x0020_Type	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Functions:

Header

- **List Fields Collection Additional Details Icon:** this icon opens the Additional Details: fields 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 List Fields Icon:** this icon is located in the upper-right corner of the module and allows the user to forcibly refresh the module.

Public Fields

Title

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

Menu

- The menu allows the user several operations:
 - **Add Field Icon:** This menu option opens the Create Column page in SharePoint.
 - **Add Multiple Fields Icon:** this menu option allows the user to create multiple fields using the Add List Fields modal.
 - **Import CSV Icon:** this menu option opens a series of modals that allows the user to:
 - Load a CSV file.
 - Create new fields from the CSV.
 - **Export to Excel Icon:** This menu option converts the Public Fields table into a XLS file and downloads the file for the user to open in Microsoft Excel.

Content

The content of the Public Fields section contains a table of every Field within the current List that is not marked as hidden or read-only.

Each row 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.
 - **Field Details Icon:** this icon opens the Additional Details: field modal with a list of all the different functions and objects (and any retrievable values).
 - **Edit Field Icon:** this icon opens the Edit Column page in SharePoint.
 - **Delete Field Icon:** this icon prompts the user to delete the selected field.
- **Field Title:** this column lists the title of the Field and its GUID.
- **Field Name:** this column lists the name of the Field.
- **Type:** this column shows if the Field type.
- **Required:** this column allows the user to toggle if the field is required or not.

Non-Public Fields

Title

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

Menu

- No functionality associated at this time.

Content

The content of the Non-Public Fields section contains a table of every hidden or read-only Field within the current List.

Each row 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.
 - **Field Details Icon:** this icon opens the Additional Details: subscription modal with a list of all the different functions and objects (and any retrievable values).

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- **Field Title:** this column lists the title of the Field and its GUID.
- **Field Name:** this column lists the name of the Field.
- **Type:** this column shows if the Field type.
- **Required:** this column shows if the Field is required.
- **Hidden:** this column shows if the Field is hidden.
- **Read-Only:** this column shows if the Field is read-only.

Modals

Additional Details: fields Modal

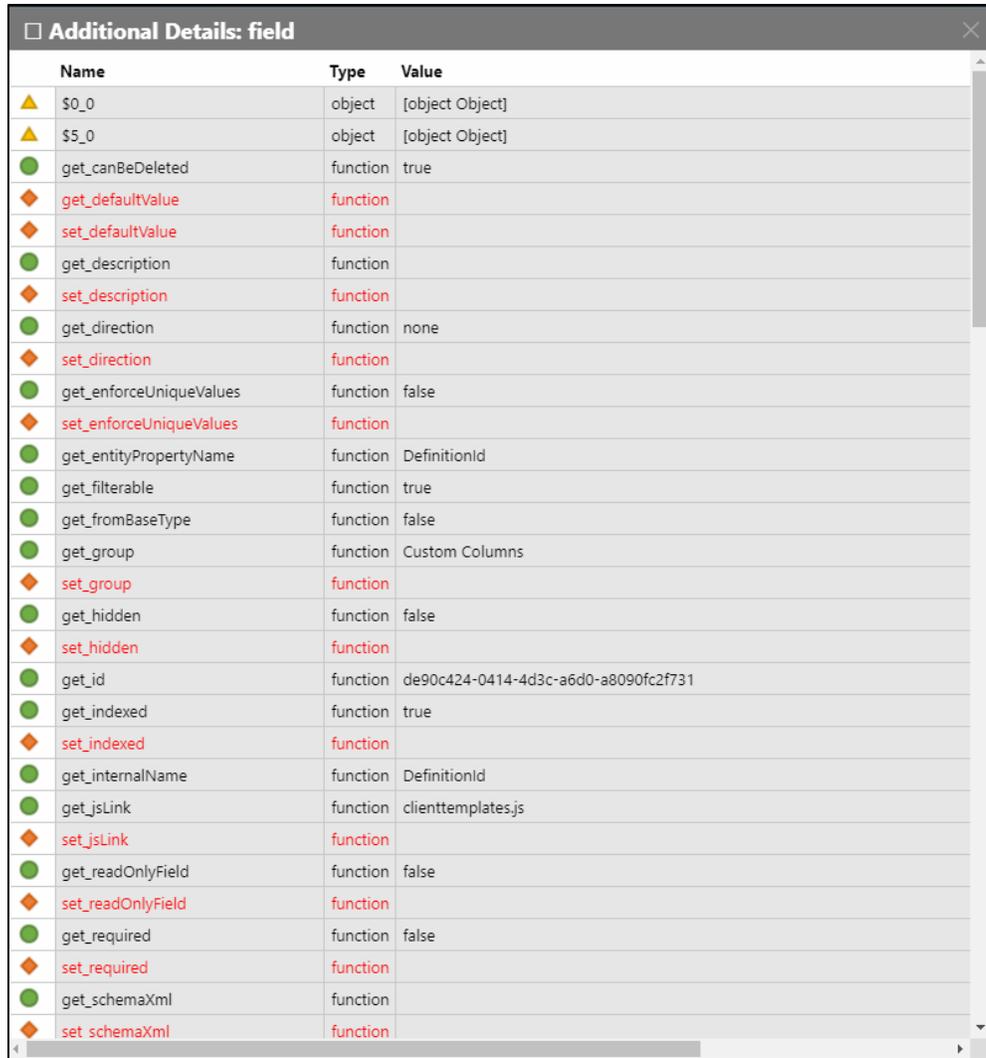
The Additional Details: fields modal allows the user to view a list of all the different functions and objects (and any retrievable values) associated with a specified object. This feature, like every Additional Details modal, is designed to provide administrators and developers more insight into their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

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The screenshot shows a modal window titled "Additional Details: field" with a close button in the top right corner. The window contains a table with three columns: "Name", "Type", and "Value". The table lists various field properties and their corresponding values. Some rows have a green circle icon, while others have a red diamond icon. The "Value" column contains various data types, including objects, booleans, strings, and integers.

Name	Type	Value
▲ \$0_0	object	[object Object]
▲ \$5_0	object	[object Object]
● get_canBeDeleted	function	true
◆ get_defaultValue	function	
◆ set_defaultValue	function	
● get_description	function	
◆ set_description	function	
● get_direction	function	none
◆ set_direction	function	
● get_enforceUniqueValues	function	false
◆ set_enforceUniqueValues	function	
● get_entityPropertyName	function	DefinitionId
● get_filterable	function	true
● get_fromBaseType	function	false
● get_group	function	Custom Columns
◆ set_group	function	
● get_hidden	function	false
◆ set_hidden	function	
● get_id	function	de90c424-0414-4d3c-a6d0-a8090fc2f731
● get_indexed	function	true
◆ set_indexed	function	
● get_internalName	function	DefinitionId
● get_jsLink	function	clienttemplates.js
◆ set_jsLink	function	
● get_readOnlyField	function	false
◆ set_readOnlyField	function	
● get_required	function	false
◆ set_required	function	
● get_schemaXml	function	
◆ set_schemaXml	function	

Add List Fields Modal

The Add List Fields modal provides the user the ability to add multiple fields to the List. The modal is composed of the following controls:

- **Action Column:** this column contains a series of icons that allow the user to perform actions against the listed row item.
 - **Delete Icon:** this icon allows the user to remove a potential field from the list.
- **Field Name:** this column contains a text field for the Name of the Field.
- **Field Type:** this column contains a dropdown of the various Field Types.
- **Required:** this column contains a checkbox to indicate if the potential field is Required.

The user can generate new rows to the list by clicking on the 'Add Field' button.

The user can create the fields by clicking on the 'Submit' button.

The user can quit by clicking on the 'Cancel' button.

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The 'Add List Fields' modal dialog contains a table with the following data:

	Field Name	Field Type	Required
<input checked="" type="checkbox"/>	testField	Single-Line of Text	<input type="checkbox"/>
<input checked="" type="checkbox"/>	TestField 2	Dropdown	<input checked="" type="checkbox"/>
<input type="checkbox"/>	TestField 3	User	<input type="checkbox"/>

Below the table is an 'Add Field' button. At the bottom right are 'Submit' and 'Cancel' buttons.

Import CSV Modals

The Import CSV modals allows are a 2-stage process that allows users to import fields from a CSV file.

The first modal, Load CSV File, allows the user to load a CSV file from their local machine.

The 'Load CSV File' modal dialog features a 'Select File' label, a 'Choose File' button, and a text box displaying 'No file chosen'. At the bottom right are 'Load' and 'Cancel' buttons.

The second modal, Map CSV Headers to List, allows the user to determine which fields/columns to import.

The 'Map CSV Headers to List' modal dialog displays a table for mapping CSV headers to list field types:

	CSV Headers	New Field Types
<input type="checkbox"/>	Title	Select...
<input checked="" type="checkbox"/>	URL	Single-Line of Text
<input type="checkbox"/>	Tier	Select...
<input type="checkbox"/>	Type	Select...
<input type="checkbox"/>	Active	Select...
<input checked="" type="checkbox"/>	Order	Dropdown
<input type="checkbox"/>	Locked	Select...
<input checked="" type="checkbox"/>	Startup	Date/DateTime

At the top left, there is a 'Select All' button with a checkmark icon. At the bottom right are 'Finish' and 'Cancel' buttons.