



# SharePoint Content Management & Dashboard Reporting (CMDR) Tool

Web Features

Version 1.0

## SharePoint CMDR Tool: Web Features

### Purpose:

The Web Features module is crafted to offer users comprehensive visibility and control over the management of web features within a specified SharePoint web. This module empowers users with the ability to seamlessly monitor the status of features, enabling dynamic control to activate or deactivate features as needed. Additionally, the Web Features module facilitates cross-checking features on the web against known features, ensuring a transparent and efficient process. Users can leverage this module to gain insights into the status of web features and make informed decisions to align the web environment with their specific requirements and preferences.



### Functions:

#### Header

- **Edit Features Definitions Icon:** this icon opens the Edit Features Definitions File modal.

- **Open Web Features Icon:** this icon opens the Web Features page in SharePoint.
- **Web Features Additional Details Icon:** this icon opens the Additional Details: webFeatures 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 Web Features Icon:** this icon is located in the upper-right corner of the module and allows the user to forcibly refresh the module.

### Web Features

#### *Title*

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

#### *Menu*

- No functionality associated at this time.

#### *Content*

The content of the Web Features section contains a spreadsheet of every Feature at the Web Collection level.

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.
  - Group Action Items
    - **Feature Validation Icon:** this icon appears when a Feature is enabled, and it shows:
      - A green circle when the feature was found on both the Features Definition file and within the SharePoint Web Features page.
      - A yellow triangle when the feature was found only on the Features Definition file.
      - A red diamond when the feature was found only on the SharePoint Web Features page.
    - **Show Details Icon:** this icon opens the Additional Details: feature modal.
    - **Enable/Disable Toggle:** this toggle enables or disables the Web Feature.
  - **Features:** this column lists the name of the Web Feature, any available description of the Web Feature, and the Web Feature GUID.

### Modals

#### *Edit Features Definitions File Modal*

The Edit Features Definitions File modal provides the user instructions on how to update the Features Definitions File. This will affect how the tool does its cross-check analysis to validate Features.

Edit Feature Definitions File

**You are about to open the Feature Definitions file for editing.**

A file was provided with a standard list of Feature Definitions from a SharePoint 2013 environment. This file is integral to identify features within your environment. Please review the Management/Customization Instructions below before proceeding.

Are you sure you want to proceed?

Management Instructions

To update this file:

1. Copy the PowerShell script below into a SharePoint Management Shell command window. Change the values of the text in green as appropriate to your environment.

```
Get-SPSite http://yourSharePointSite | Get-SPSite -Limit ALL | %{ Get-SPFeature -Limit ALL } | Select *, @({Name="Description";Expression="Description not available"} -Unique | Export-CSV c:\temp\featureDefinitions.csv -delimiter ";" -NoTypeInformation
```

2. Execute the PowerShell script
  - o This will create a file of all of the features installed on your SharePoint environment.
3. Open the resultant file in a text editor (Notepad.exe)
4. Copy the contents of the file in the text editor
5. Open the Feature Definitions file in the browser by clicking on the 'Continue' button below
  - o This will open the Features Definitions file in the online File Editor in a new window.
6. Paste the copied contents into the textarea of the File Editor window
7. Click on the Save icon in the File Editor window.
8. Close the File Editor window
9. Click on the Refresh icon in the Site Features section.

Customization Instructions

To customize this file:

1. Open the Feature Definitions file in the browser by clicking on the 'Continue' button below
  - o This will open the Features Definitions file in the online File Editor in a new window.
2. Identify the feature data in the text area of the File Editor window that you would like to change.
3. Type in your changes.
4. Click on the Save icon in the File Editor window.
5. Close the File Editor window
6. Click on the Refresh icon in the Site Features section.

Continue

Cancel

### *Additional Details: webFeatures Modal*

The Additional Details: webFeatures modal allows the user to view a list of all the different functions and objects (and any retrievable values) associated with a specified Web 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.

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]
\$12_1	boolean	true
itemAt	function	
get_item	function	
get_childItemType	function	function(b,a){ULSdih;SRFeature.initializeBase(this,[b,a])}
getById	function	function(c){ULSdih;var d=this.get_context(),a=b=this.get_objectData().get_methodRef();this.get_objectData().get_methodReturnObjects().GetById=b[a]=b[c.toString()];if(!SPObjectPathMethod(d,this.get_path(),"GetById",[c]));b[c.toString()]=a;return a}
add	function	[object Object]
remove	function	
constructor	function	function(b,a){ULSdih;SRFeatureCollection.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	38
\$3E_1	function	
\$2n_1	function	
get_data	function	[object Object],[object Object]
fromJson	function	function(c){ULSnd3;SPClientObject.prototype.fromJson.call(this,c);var b;b=c._Child_Item[this.\$12_1=true;SPDataConvert.\$1v(this.\$0_0,this.\$2_1,b,this.get_childItemType());f

### Additional Details: feature Modal

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## SharePoint CMDR Tool: Web Features

Additional Details: feature			
	Name	Type	Value
▲	\$0_0	object	[object Object]
▲	\$5_0	object	[object Object]
●	get_definitionId	function	00bfea71-1c5e-4a24-b310-ba51c3eb7a57
●	initPropertiesFromJson	function	function(a){ULSdih;SPClientObject.prototype.initPropertiesFromJson.call(this,a);var b;a=a.DefinitionId;if(!SPScriptUtility.isUndefined(b)){this.get_objectData().get_proper
●	constructor	function	function(b,a){ULSdih;SPFeature.initializeBase(this,[b,a])}
●	get_context	function	[object Object]
●	get_path	function	[object Object]
◆	get_objectVersion	function	
◆	set_objectVersion	function	
●	get_objectData	function	[object Object]
●	checkUninitializedProperty	function	function(a){ULSnd3;if(this.get_serverObjectsIsNull())if(this.get_path()&&!SPScriptUtility.isNullOrE Error.create(SPResResources.getString("NamedServerObjectsIsNull",this.get_path().ge Error.create(SPResResources.getString("ServerObjectsIsNull"));var b=this.\$5_0.get_pro [a];if(!SPScriptUtility.isUndefined(b))throw Error.create(SPResResources.getString("Nar
●	\$1Q_0	function	function(a){ULSnd3;this.\$5_0=a.\$5_0}
◆	fromJson	function	
◆	initNonPropertiesFromJson	function	
●	customFromJson	function	false
◆	retrieve	function	
◆	refreshLoad	function	
●	isPropertyAvailable	function	false
●	isObjectPropertyInstantiated	function	false
●	get_\$y_0	function	[object Object]
●	\$2i_0	function	function(d){ULSnd3;var a=this.\$5_0.get_properties();for(var b in a){var c={key:b,value
◆	loadExpandoFields	function	
◆	\$1U_0	function	
◆	\$R_0	object	
◆	removeFromParentCollection	function	
●	\$2P_0	boolean	false