



# SharePoint Document Merge

## Get the Internal Column Names of a List - PowerShell

In a SharePoint list, we usually use the user friendly (readable) names in list columns or fields. Each column has a display name and internal name which we also call as physical name of the field.

SharePoint Document Merge is the simple, fast and clean way to merge SharePoint list data into predefined Word, Excel and PowerPoint document templates with NO CODE!

Microsoft AppSource: <https://appsource.microsoft.com/en-gb/product/office/WA104379659?tab=Overview>

More Information: <https://sharepointdocumentmerge.com>

Internal column names are used to setup Word, Excel and PowerPoint Templates to automatically generate documents from SharePoint list data.

There are not many options for how to get the internal name and the easiest way is to copy it from the query string. This can be time consuming and error prone especially when working with many columns in a list.

The following PowerShell script will Export the SharePoint Column Display Name and Internal Name into a text file. This can then be used to create your document templates for SharePoint Document Merge or for any other Internal Column Name requirement (workflow, triggers etc...)

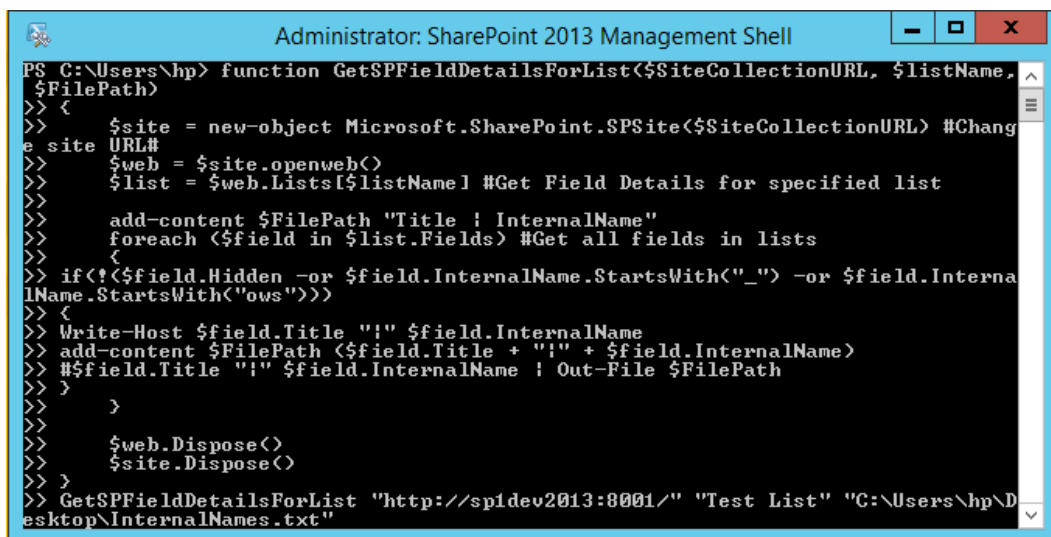
1. First open the script ("Get\_list\_columns\_internal\_names\_SharePoint\_On-Prem.ps1") and edit the parameters of the function.

GetSPFieldDetailsForList "<SiteUrl>" "<ListName>" "<Path of the text file>"

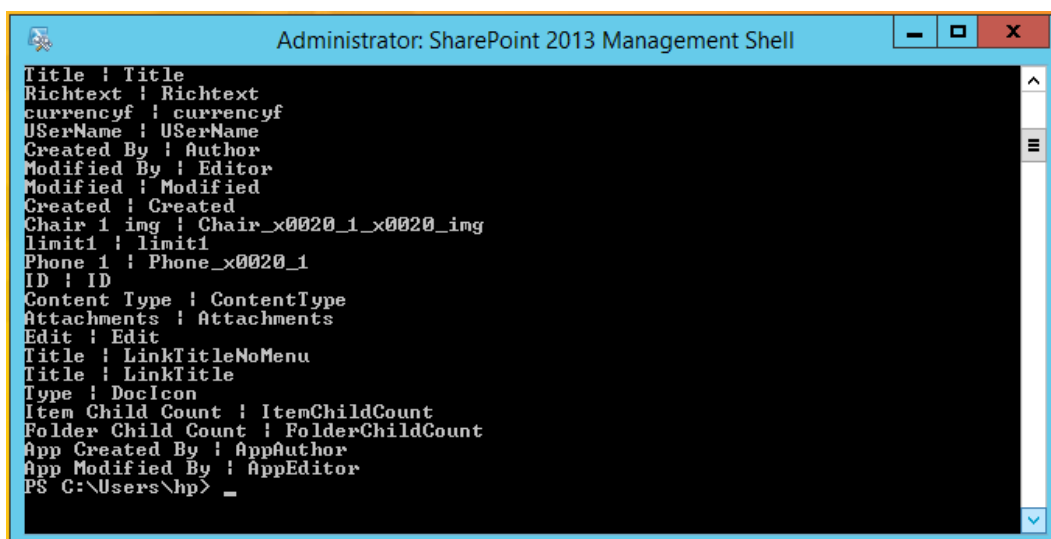
Replace <SiteUrl>, <ListName> and <Path of the text file>" place holder with actual values.

e.g. GetSPFieldDetailsForList "http://sp1dev2013:8001/" "Test List" "D:\InternalNames.txt"

2. Run "SharePoint 2013 Management Shell" as Administrator.
3. Now copy and Paste the script to the to the Management Shell as shown below.



```
Administrator: SharePoint 2013 Management Shell
PS C:\Users\hp> function GetSPFieldDetailsForList($SiteCollectionURL, $listName, $FilePath)
>> {
>>     $site = new-object Microsoft.SharePoint.SPSite($SiteCollectionURL) #Change site URL#
>>     $web = $site.openweb()
>>     $list = $web.Lists[$listName] #Get Field Details for specified list
>>     add-content $FilePath "Title : InternalName"
>>     foreach ($field in $list.Fields) #Get all fields in lists
>>     {
>>         if(!$field.Hidden -or $field.InternalName.StartsWith("_") -or $field.InternalName.StartsWith("ows"))
>>         {
>>             Write-Host $field.Title "!" $field.InternalName
>>             add-content $FilePath ($field.Title + "!" + $field.InternalName)
>>             # $field.Title "!" $field.InternalName ! Out-File $FilePath
>>         }
>>     }
>>     $web.Dispose()
>>     $site.Dispose()
>> }
>> GetSPFieldDetailsForList "http://sp1dev2013:8001/" "Test List" "C:\Users\hp\Desktop\InternalNames.txt"
```



```
Administrator: SharePoint 2013 Management Shell
Title ! Title
RichText ! RichText
currencyf ! currencyf
UserName ! UserName
Created By ! Author
Modified By ! Editor
Modified ! Modified
Created ! Created
Chair ! img ! Chair_x0020_1_x0020_img
limit1 ! limit1
Phone ! Phone_x0020_1
ID ! ID
Content Type ! ContentType
Attachments ! Attachments
Edit ! Edit
Title ! LinkTitleNoMenu
Title ! LinkTitle
Type ! DocIcon
Item Child Count ! ItemChildCount
Folder Child Count ! FolderChildCount
App Created By ! AppAuthor
App Modified By ! AppEditor
PS C:\Users\hp> _
```

This will save the data to the specified text file, allowing the Internal Names to be simply referenced.