

SPJSBlog.com

# DFFS: JSLink

Configuring DFS with JSLink on SP2013

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## General information

This solution is used to set up DFFS using JSLink / client site rendering in SharePoint 2013. The method used to load DFFS and all selected plugins is by adding a field to the lists when you want to activate the solution. The field is rigged with code that dynamically loads the solution on form load.

This means the setup process will be as follows (see page 6 for a step-by-step guide with images):

- 1:** Add a document library named "SPJS" to the site collection root, or the current site and add a folder named "DFFS". Upload the files from the package to this folder.
- 2:** Add the "Setup.html" file to a CEWP using the "Content link option".
- 3:** Fill in the setup form based on the description below.
- 4:** If you set it up for one specific list you are now done and can go to the list and start building the forms. If you set it up as a site column, you must go to the list(s) were you want to activate the solution and add the site column "DFFS Loader by SPJSBlog.com" to the list.

## Configuration options

### Select an individual list, or a site column

- Add DFFS-loader to an individual list
- Add DFFS-loader as a site column for use with all lists in the site collection

DFFS JSLink setup tool by SPJSBlog.com

v1.0 - June 02, 2015

First you must decide whether to use a site column, or add a field to one specific list. The recommended setup is a site column as this lets you set up the solution one time, and then use it in any list throughout the site collection (also for new lists or sites that is added after the solution is first set up).

### Target list

This is used only when you decide to add the solution to one specific list. Specify the list GUID or the Display name of the list and the base URL. Hit the "Connect to list" button to expand the rest of the setup form.

### Site column

This is used only when you decide to add the solution as a site column. Hit the button "Add or update site column". The first time you set it up you are prompted to create the site column. When this is done, the rest of the setup form will expand.

### File location

#### Root of site collection [recommended]

Use this option if you have put the DFFS files in a folder named "DFFS" in a document library named "SPJS" on the root site of the current site collection.

#### Current site

Use this option if you have put the DFFS files in a folder named "DFFS" in a document library named "SPJS" in the current site.

## Custom location

Use this option if you want to manually specify the location of the files. Please note that you cannot use a location outside the current site collection.

## Variables

### Config list BaseUrl

This is the location of the DFFS configuration list. The default value is {currentsite}. This will create a configuration list in every site where DFFS is used.

If you plan to use a site template to create multiple identical subsites, you can specify a fixed location for the configuration list to be able to control the setup for all the sites in one location.

### vLookup config list BaseUrl

This is the location of the vLookup configuration list. The default value is {currentsite}. This will create a configuration list in every site where the vLookup plugin is used.

If you plan to use a site template to create multiple identical subsites, you can specify a fixed location for the configuration list to be able to control the setup for all the sites in one location.

### Resource management config list BaseUrl

This is the location of the Resource management configuration list. The default value is {currentsite}. This will create a configuration list in every site where the resource management plugin is used.

If you plan to use a site template to create multiple identical subsites, you can specify a fixed location for the configuration list to be able to control the setup for all the sites in one location.

### Required field validation message (optional)

This is optional. Use this to override the default validation message for required fields. Use plain text OR if you like to have a MUI setup, use a JSON formatted string like this:

```
{"1033":"Message in English","default":"Fallback for other languages"}
```

## Form type switch field

Read about this option here: <http://spjsblog.com/2015/05/09/dffs-multiple-variations-on-one-form/>

## License code

### License code challenge for site collection

This step is used only for site collection scoped licenses. You must provide a challenge code to use when generating the license code.

*Ensure you click the button to generate the challenge code from within the site collection where you intend to use the solution.*

The challenge code must be sent to [LicenseCodeChallenge@spjsblog.com](mailto:LicenseCodeChallenge@spjsblog.com) and you will get the site collection scoped license code in return.

### License code

Paste the license code you got when purchasing DFFS. If you already have a DFFS v4 license code you must request an updated license code to use with this version of DFFS. If the existing license is site collection scoped (Site collection or Corporate user) you must perform the "License code challenge for site collection" step above.

## Plugins

Select the plugins to load with DFFS. Please note that the naming of the files in the downloaded "package" must not be altered for the solution to be able to load the correct files.

## Custom JS and CSS files

Here you can load your custom scripts or style sheets. Put the files in a folder named "custom" in the location specified in "Select file location" above, and add the name of the files (only the name, not the relative or full URL) in the textarea. Put each file name in a separate line.

Please note that there is no built-in error handling for these custom files. Use the developer tools in the browser to look for errors if things does not load as you expect.

## Save changes

You will get a confirmation message when the configuration is saved successfully.

## Final steps if you added the DFFS-Loader as a Site column

Go to the list you want to set up DFFS, and add the column like this:

### Columns

A column stores information about each item in the list. The following columns are currently available in this list:

| Column (click to edit) | Type                | Required |
|------------------------|---------------------|----------|
| Title                  | Single line of text | ✓        |
| Modified               | Date and Time       |          |
| Created                | Date and Time       |          |
| Created By             | Person or Group     |          |
| Modified By            | Person or Group     |          |

- 
- [Create column](#)
  - [Add from existing site columns](#)
  - [Column ordering](#)
  - [Indexed columns](#)

## Settings ▸ Add Columns from Site Columns ①

### Select Columns

Select which site columns to add to this list.

Select site columns from:

SPJSBlog.com

Available site columns:

Add >

< Remove

Columns to add:

DFFS Loader by SPJSBlog.com

Description:

Add this field to activate the DFFS feature.

Group: SPJSBlog.com

### Options

Add to default view

OK

Cancel

You are done and can start configuring DFFS.

[Final steps if you added the column directly to a list](#)

No more setup required, go to the list and start configuring DFFS.

### [Support for Calendar lists](#)

For some reason Microsoft have disabled the JSLink / Client side rendering in SharePoint calendars.

To be able to use this solution in a calendar, you must add the field "DFFS Loader by SPJSBlog.com" as for the other list types, and then refer the script file "DFFS\_NoJSLink.js" in NewForm, DispForm and EditForm.

This can be done by editing the page and adding a script editor web part, or by updating the script tag in the file "/SPJS/DFFS/jslink/DFFS\_CalendarLoader.html" and using a CEWP to link to the file using the "Content link" option. Do not add the script tag directly to the CEWP source code.

# Step by step installation [images]

The screenshot shows the Office 365 Sites interface for a site named "DFFS JSLink Test site". At the top, there is a navigation bar with "Office 365" and "Sites" on the left, and settings, help, and user profile icons on the right. Below the navigation bar, there are options to "BROWSE" and "PAGE", and actions for "SHARE", "FOLLOW", "EDIT", and a search icon. The main header area includes the domain "spjsblog.com" and the site name "DFFS JSLink Test site" with an "EDIT LINKS" option. A search box labeled "Search this site" is also present. On the left side, a sidebar menu is visible with "Home" selected, and "Site Contents" circled in red. Other items in the sidebar include "Recycle Bin" and "EDIT LINKS". The main content area features a "Get started with your site" section with a "REMOVE THIS" link and six blue tiles with icons and text: "Share your site.", "Working on a deadline?", "Add lists, libraries, and other apps.", "What's your style?", "Your site. Your brand.", and "Keep email in context.". Below this is a "Newsfeed" section with a "Start a conversation" input field and the text "It's pretty quiet here. Invite more people to the site, or start a conversation.". To the right of the Newsfeed is a "Documents" section with "New", "Upload", and "Share" buttons, a "Name" dropdown, and a "Drag files here to upload" area.

spjsblog.com

DFFS JSLink Test site EDIT LINKS

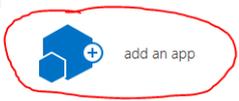
Search this site

# Site Contents

- Home
- Site Contents
- Recycle Bin

## Lists, Libraries, and other Apps

SITE WORKFLOWS SETTINGS RECYCLE BIN (3)



**Documents**  
0 items  
Modified 6 months ago

**Form Templates**  
0 items  
Modified 3 weeks ago

**MicroFeed**  
2 items  
Modified 6 months ago

**Site Assets**  
2 items  
Modified 14 minutes ago

**Site Pages**  
3 items  
Modified 22 minutes ago

**Style Library**  
5 items  
Modified 6 months ago

## Subsites

[+ new subsite](#)

This site does not have any subsites.

Office 365 Sites

spjsblog.com DFFS JSLink Test site EDIT LINKS

Site Contents > Your Apps

Your Apps Find an app

Apps You Can Add

Manage Licenses

Your Requests

SharePoint Store

**Noteworthy**

-  **Document Library**  
Popular built-in app  
[App Details](#)
-  **Custom List**  
Popular built-in app  
[App Details](#)
-  **Tasks**  
Popular built-in app  
[App Details](#)
-  **Site Mailbox**  
Popular built-in app  
[App Details](#)

Apps you can add **Newest** **Name**

-  **"Napa" Office 365 Development Tools**  
from Microsoft Corporation  
[App Details](#)
-  **Document Library**  
[App Details](#)
-  **Form Library**  
[App Details](#)
-  **Wiki Page Library**  
[App Details](#)

Office 365 Sites

spjsblog.com DFFS JSLink Test site EDIT LINKS

Site Contents > Your Apps

Find an app

Your Apps

- Apps You Can Add
- Manage Licenses
- Your Requests
- SharePoint Store

Noteworthy

Document Library

Pick a name

You can add this app multiple times to your site. Give it a unique name.

Name: SPJS

Advanced Options

Create Cancel

Apps you can add

- "Napa" Office 365 Development Tools
- Document Library
- Form Library
- Wiki Page Library

spjsblog.com

DFFS JSLink Test site EDIT LINKS

Search this site

# Site Contents

Home Recent

SPJS Site Contents Recycle Bin

EDIT LINKS

## Lists, Libraries, and other Apps

SITE WORKFLOWS SETTINGS RECYCLE BIN (3)



**Documents**  
0 items  
Modified 6 months ago

**Form Templates**  
0 items  
Modified 3 weeks ago

**MicroFeed**  
2 items  
Modified 6 months ago

**Site Assets**  
2 items  
Modified 20 minutes ago

**Site Pages**  
3 items  
Modified 27 minutes ago

**SPJS**  
**new!**  
0 items  
Modified 1 minute ago

**Style Library**  
5 items  
Modified 6 months ago

## Subsites

new subsite

This site does not have any subsites.

Office 365 Sites

BROWSE FILES LIBRARY

SHARE FOLLOW

View Quick Edit Create View Create Column All Documents Tags & Notes E-mail a Link Alert Me RSS Feed Most Popular Items Sync Connect to Outlook Connect to Office Open with Explorer Export to Excel Form Web Parts Edit Library Library Settings Shared With Workflow Settings

View Format Manage Views Tags and Notes Share & Track Connect & Export Customize Library Settings

Home Recent

SPJS

Site Contents Recycle Bin

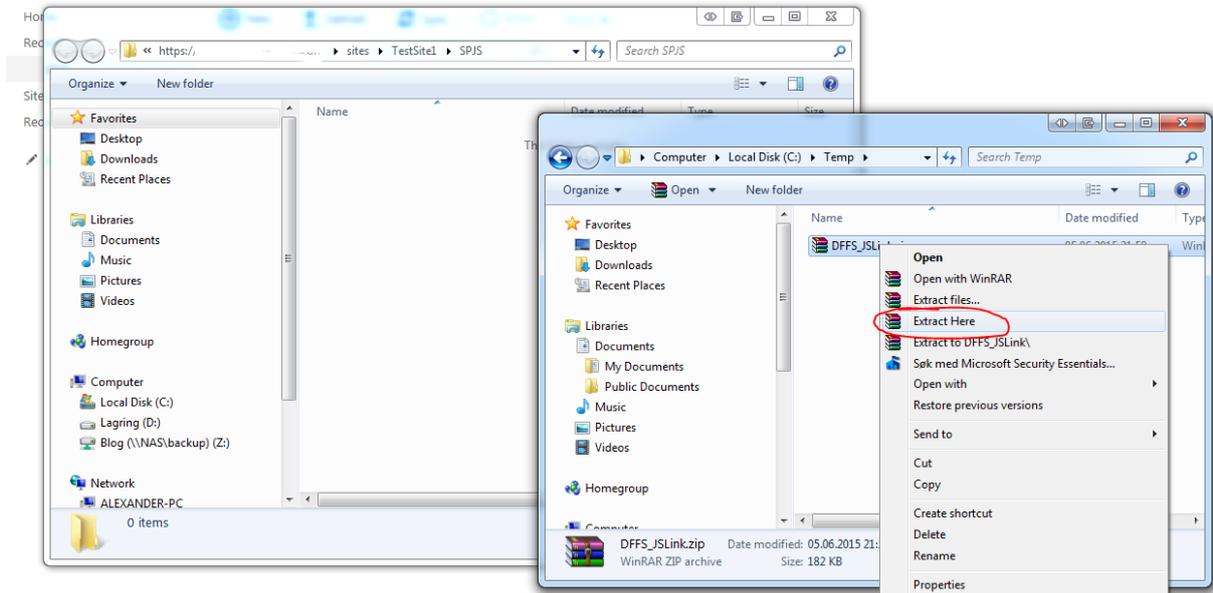
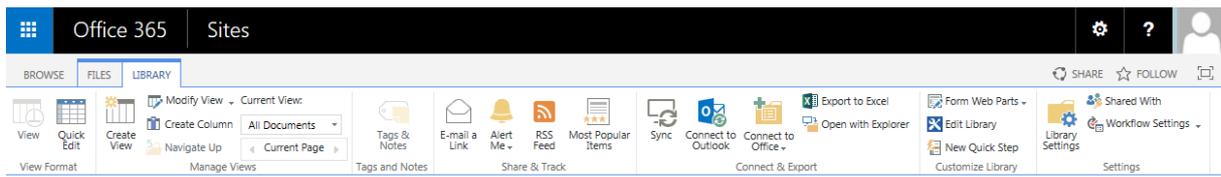
EDIT LINKS

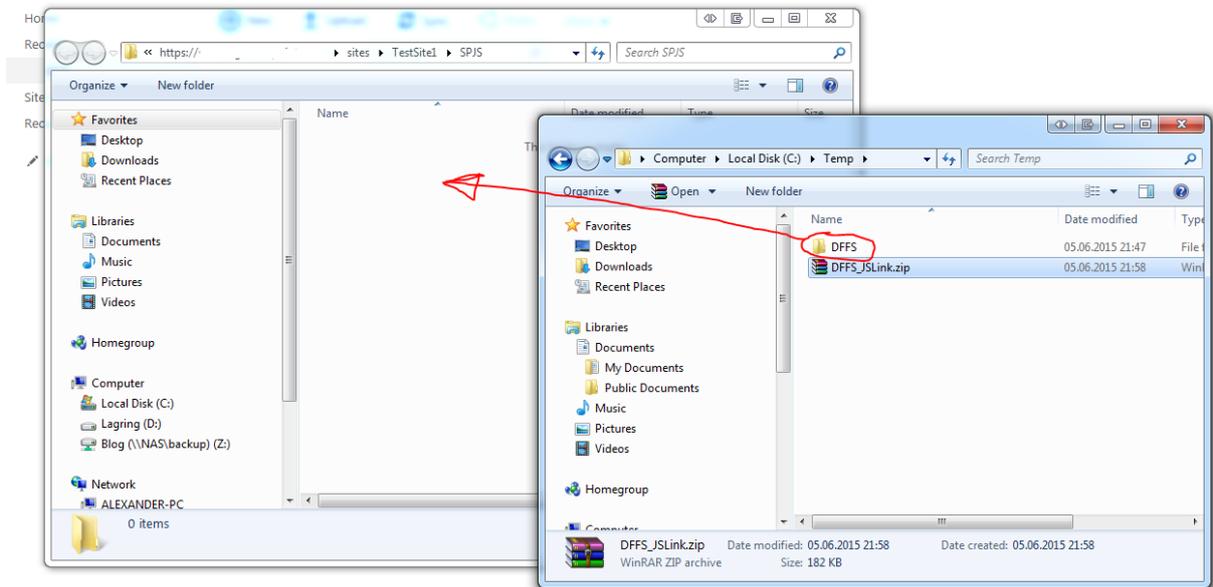
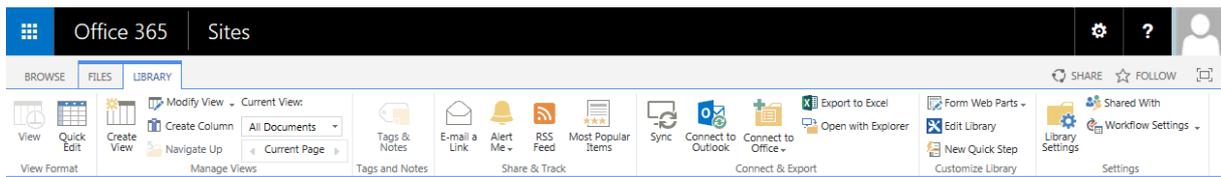
New Upload Sync Share More

All Documents Find a file

| Name                      | Modified | Modified By |
|---------------------------|----------|-------------|
| Drag files here to upload |          |             |







spjsblog.com

DFFS JSLink Test site EDIT LINKS

Search this site

# SPJS

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin

New Upload Sync Share More

All Documents Find a file

| Name | Modified           | Modified By      |
|------|--------------------|------------------|
| DFFS | About a minute ago | Bautz, Alexander |

Drag files here to upload

spjsblog.com

DFFS JSLink Test site EDIT LINKS

Search this site

SPJS > DFFS

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin
- EDIT LINKS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified           | Modified By      |
|---------|--------------------|------------------|
| css     | About a minute ago | Bautz, Alexander |
| images  | About a minute ago | Bautz, Alexander |
| js      |                    |                  |
| jslink  |                    |                  |
| plugins |                    |                  |
| Setup   |                    |                  |

Setup.html  
Changed by you on 6/5/2015 10:31 PM  
Only shared with you  
<https://...>

OPEN SHARE FOLLOW

- Undo
- Cut
- Copy**
- Paste
- Delete
- Send to OneNote
- Select all
- Inspect element

Office 365 Sites

spjsblog.com DFFS JSLink Test site EDIT LINKS

SPJS > DFFS

Home Recent SPJS Site Contents Recycle Bin EDIT LINKS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified           | Modified By      |
|---------|--------------------|------------------|
| css     | About a minute ago | Bautz, Alexander |
| images  | About a minute ago | Bautz, Alexander |
| js      | About a minute ago | Bautz, Alexander |
| jslink  | About a minute ago | Bautz, Alexander |
| plugins | About a minute ago | Bautz, Alexander |
| Setup   | About a minute ago | Bautz, Alexander |

Drag files here to upload

Office 365 settings

- Sites settings
- Shared with...
- Edit page
- Add a page
- Add an app
- Site contents
- Change the look
- Site settings
- Getting started
- Feedback

spjsblog.com

DFFS JSLink Test site EDIT LINKS

SPJS > DFFS

Search this site

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin
- EDIT LINKS

Main

Add a Web Part

SPJS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified      | Modified By      |
|---------|---------------|------------------|
| css     | 4 minutes ago | Bautz, Alexander |
| images  | 4 minutes ago | Bautz, Alexander |
| js      | 4 minutes ago | Bautz, Alexander |
| jslink  | 4 minutes ago | Bautz, Alexander |
| plugins | 4 minutes ago | Bautz, Alexander |
| Setup   | 4 minutes ago | Bautz, Alexander |

Drag files here to upload

Office 365 Sites

BROWSE PAGE FILES LIBRARY

SHARE FOLLOW

Categories

- Business Data
- Community
- Content Rollup
- Document Sets
- Filters
- Forms
- Media and Content
- Search
- Search-Driven Content

Upload a Web Part

Parts

- Content Editor
- Get started with your site
- Image Viewer
- Media Web Part
- Page Viewer
- Picture Library Slideshow Web ...
- Script Editor
- Silverlight Web Part

About the part

Content Editor

Allows authors to enter rich text content.

Add part to: Main

Add Cancel

spjsblog.com

DFFS JSLink Test site EDIT LINKS

Search this site

SPJS > DFFS

Home

Recent

SPJS

Site Contents

Recycle Bin

EDIT LINKS

Main

Add a Web Part

SPJS

New Upload Sync Share More

All Documents Find a file

| Name   | Modified      | Modified By      |
|--------|---------------|------------------|
| css    | 4 minutes ago | Bautz, Alexander |
| images | 4 minutes ago | Bautz, Alexander |
| js     | 4 minutes ago | Bautz, Alexander |

spjsblog.com

DFFS JSLink Test site EDIT LINKS

Search this site

SPJS > DFFS

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin
- EDIT LINKS

Main

Add a Web Part

Content Editor

Click here to add new content

SPJS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified      | Modified By      |
|---------|---------------|------------------|
| css     | 5 minutes ago | Bautz, Alexander |
| images  | 5 minutes ago | Bautz, Alexander |
| js      | 5 minutes ago | Bautz, Alexander |
| jslink  | 5 minutes ago | Bautz, Alexander |
| plugins | 5 minutes ago | Bautz, Alexander |
| Setup   | 5 minutes ago | Bautz, Alexander |

Drag files here to upload

Minimize Close Delete Edit Web Part Connections Export...

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DFFS JSLink Test site EDIT LINKS

Search this site

SPJS > DFFS

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin
- EDIT LINKS

Main

Add a Web Part

Content Editor

Click here to add new content

SPJS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified      | Modified By      |
|---------|---------------|------------------|
| css     | 7 minutes ago | Bautz, Alexander |
| images  | 7 minutes ago | Bautz, Alexander |
| js      | 7 minutes ago | Bautz, Alexander |
| jslink  | 7 minutes ago | Bautz, Alexander |
| plugins | 7 minutes ago | Bautz, Alexander |
| Setup   | 7 minutes ago | Bautz, Alexander |

Drag files here to upload

Content Editor

Content Link

To link to a text file, type a URL.

Test Link

Appearance

Layout

Advanced

OK

Undo

Cut

Copy

Paste

Delete

Send to OneNote

Select all

Inspect element

spjsblog.com

DFFS JSLink Test site EDIT LINKS

Search this site

SPJS > DFFS

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin
- EDIT LINKS

Main

Add a Web Part

Content Editor

Click here to add new content

SPJS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified      | Modified By      |
|---------|---------------|------------------|
| css     | 7 minutes ago | Bautz, Alexander |
| images  | 7 minutes ago | Bautz, Alexander |
| js      | 7 minutes ago | Bautz, Alexander |
| jslink  | 7 minutes ago | Bautz, Alexander |
| plugins | 7 minutes ago | Bautz, Alexander |
| Setup   | 7 minutes ago | Bautz, Alexander |

Drag files here to upload

Content Editor

Content Link

To link to a text file, type a URL.

testSite1/SPJS/DFFS/Setup.html

Test Link

Appearance

Layout

Advanced

OK Cancel Apply

Office 365 Sites

BROWSE PAGE INSERT WEB PART

SHARE FOLLOW

Stop Editing Edit Properties Permissions Versions E-mail a Link Alert Me Popularity Trends Approve Reject Workflows Edit Mobile Page Make Homepage Title Bar Properties Tags & Notes

- Home
- Recent
- SPJS
- Site Contents
- Recycle Bin
- EDIT LINKS

Main

Add a Web Part

Content Editor

Select an individual list, or a site column

Add DFFS-loader to an individual list

Add DFFS-loader as a site column for use with all lists in the site collection

DFFS JSLink setup tool by SPJSBlog.com

SPJS

New Upload Sync Share More

All Documents Find a file

| Name    | Modified      | Modified By      |
|---------|---------------|------------------|
| css     | 9 minutes ago | Bautz, Alexander |
| images  | 9 minutes ago | Bautz, Alexander |
| js      | 9 minutes ago | Bautz, Alexander |
| jslink  | 9 minutes ago | Bautz, Alexander |
| plugins | 9 minutes ago | Bautz, Alexander |
| Setup   | 9 minutes ago | Bautz, Alexander |