

Updating Other User Interface Customizations



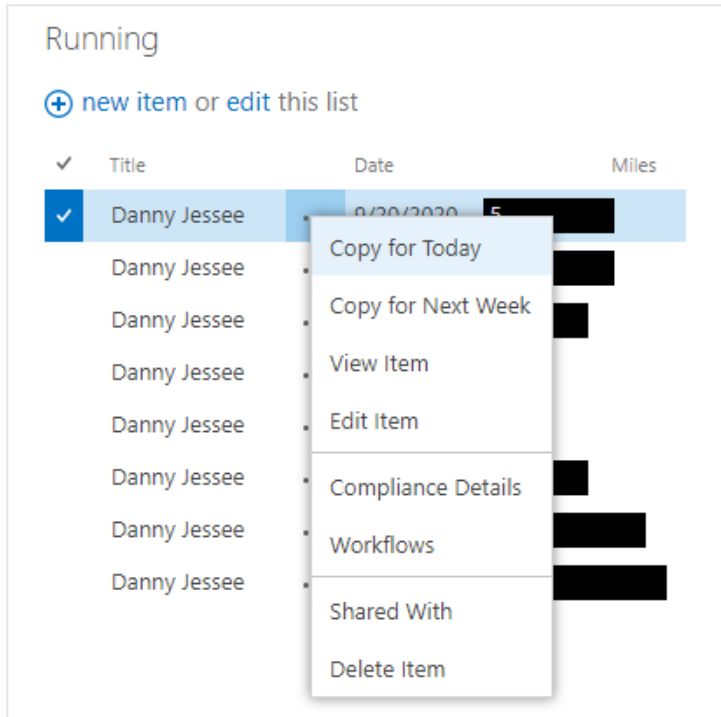
Danny Jessee

SENIOR SHAREPOINT DEVELOPER

@dannyjessee



User Custom Actions



Feature framework deployment

Content type, list template, list instance

List item menu or ribbon (command bar)

UrlAction to define links

`~site/SitePages/Page.aspx?item={ItemId}`

**SharePoint Framework:
Command Set Extension**



JSLink

Client-side rendering

List view web parts have
JSLink property

No way to change rendering globally

Can also be applied to display
and edit form views

SharePoint Framework:
Field Customizer Extension

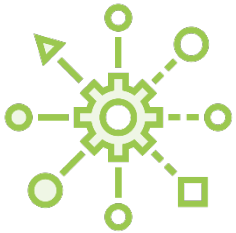
Running

[+ new item](#) or [edit this list](#)

✓	Title		Date	Miles
	Danny Jessee	...	9/20/2020	5
	Danny Jessee	...	9/11/2020	5
	Danny Jessee	...	9/10/2020	4
	Danny Jessee	...	9/9/2020	1
	Danny Jessee	...	9/8/2020	2
	Danny Jessee	...	9/7/2020	4
	Danny Jessee	...	9/6/2020	6.2
	Danny Jessee	...	9/5/2020	7



Command Set Extensions



Specify custom
commands



Context menu and/or
command bar



Tenant-wide or individual
site deployment



ClientSideExtension
.ListViewCommandSet
.ContextMenu

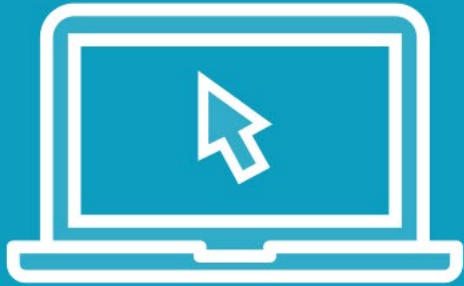


onExecute() method for
running the command



Event parameter for
command information

Demo



Command Set Extension

Use of pageContext and event properties

Associate extension to a list instance



Field Customizer Extensions

Define custom renderings for fields

Run any custom client-side script

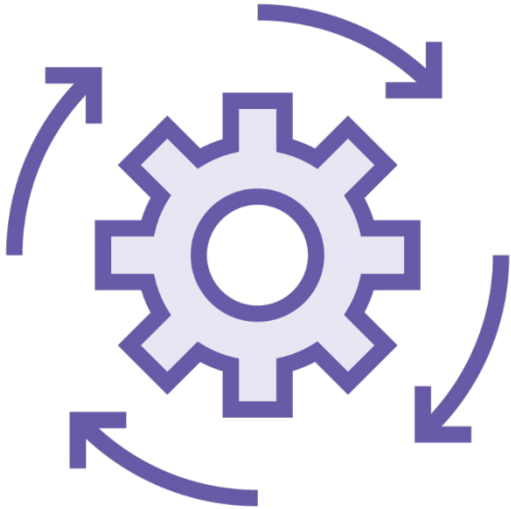
onRenderCell() method

Provision a new site column

Programmatically associate with existing column



PnP PowerShell



SharePoint Patterns
and Practices

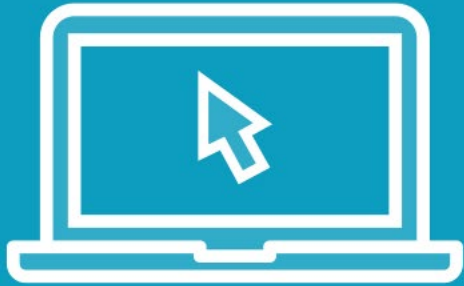


Open source library of
PowerShell commands



Connect-PnPOnline,
Get-PnPList,
Get-PnPField

Demo



Field Customizer Extension

Deploy with a new field

Use PnP PowerShell to associate
with an existing field



Course Summary



Assess existing legacy customizations

Map customizations to SharePoint
Framework capabilities

Script Editor: Client-side web part,
Application Customizer Extension

User Custom Action:
Command Set Extension

JSLink: Field Customizer Extension



Thank You!

