



react-company-templates

SPFx sample extension

expose your company templates
in SharePoint Online

Happy to be here 🙌



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01 Intro - Why

The screenshot shows the Microsoft OneDrive web interface. The top navigation bar includes buttons for '+ New', 'Upload', 'Edit in grid view', 'Sync', 'Add shortcut to OneDrive', 'Pin to Quick access', 'Company templates', 'Automate', 'Integrate', and a menu icon. The left sidebar shows a 'New' menu with options: Folder, Word document, Excel workbook, PowerPoint presentation, OneNote notebook, Visio drawing, Clipchamp video, Link, Edit New menu, and Add template. The main content area displays a table of documents with columns for 'Modified', 'Modified By', and 'Category'. Annotations with blue arrows point to specific elements: #1 points to the 'Company templates' button; #2 points to the 'Add template' option in the 'New' menu; #3 points to the 'Organization Assets Library (OAL)' document in the table; and #4 points to the 'SPFx Extension' document in the table.

#1 Document library as template lib 🤔

#2 «NEW» menu button 🤔

#3 Organization Assets Library (OAL) 🤔

#4 SPFx Extension

	Modified	Modified By	Category
Communication	March 28	Tobias Maestrini	
Production	March 28	Tobias Maestrini	
Office graphics	March 28	Tobias Maestrini	
Documentation	March 28	Tobias Maestrini	
Technologies	March 28	Tobias Maestrini	
Documents	March 28	Tobias Maestrini	

02 Demo - What

Used components in this sample

- **spfx-controls-react**: Reusable components (SitePicker, ListPicker, TreeView)
- **Fluent UI** for awesome look & feel 😊
- **PnPJs**: template (files) handling



Known issues

- ⚠ broken reusable components (<https://github.com/pnp/sp-dev-fx-controls-react/issues/1767> and <https://github.com/SharePoint/sp-dev-docs/issues/9515>); the dropdown options are occasionally rendered behind the dialog, which makes them unselectable

#1

Permissions

Command action is accessible when a user has permissions to add items to a library

#2

Admin Settings

Admin settings are only available for (site) admin users

#3

Filtering

Filter your templates by name or by category (if category is set)

#4

Copy template

Copy your template(s) by a single click to your current document library (works in any doc lib!)

CODE

```
const field of
if (field.Type = ...ldType.FieldGroup) {
    arr.push(field as IGroup)
} else {
    field.Type == FieldGroup) {
        ConditionalField.Type
        .GetLookUpField as I
        field as IField).F
    }
} else {
    arr.push(fie
    upField).Fields
```


Conclusion

Key Takeaways

- The ListViewCommandSet extensions UNFORTUNATELY (still) do not work in Microsoft Teams – this would be added value 🚀
- File handling in PnPs is straight-forward – but...
 - ⚠ be careful when copying files from one location to another (and avoid side effects)
- <https://coreyroth.com/2022/02/18/connecting-to-other-sites-with-pnp-js-3-0-0/>
- 💡 Idea: use security groups to access the admin settings or handle the visibility rather than the implemented permission checks
- Thanks to Dan Toft (@tanddant) for code review 🚀

Resources

- **Slides:** <https://github.com/tmaestrini/community>
- **Sample:** <https://github.com/pnp/sp-dev-fx-extensions/tree/main/samples/react-company-templates>



Thank you 🙏

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