

Building multilingual communication sites in SharePoint Online

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Agenda

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- Enabling multilingual pages and news
- Localize Web Part Metadata
- Localize Web Part Contents
- Localize Web Part Settings Values
- Testing Localization



Why we need to localize Webparts

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- Diverse environment
- Users can consume contents in their preferred language.





Multilingual in Communication Site

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Publishing Site Pages

Modern News

Site Title

Site Navigation

Site Footer

Hub Navigation

Demo

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Localize Web Part Metadata

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```
"preconfiguredEntries": [{  
  "groupId": "5c03119e-3074-46fd-976b-c60198311f70", // Other  
  "group": { "default": "Other", "fr-FR": "Other French" },  
  "title": { "default": "Localized Webpart", "fr-FR": "Webpart localisé" },  
  "description": { "default": "Localized Description", "fr-FR": "Description localisée" },  
  "officeFabricIconFontName": "LocaleLanguage",  
  "properties": {
```

The manifest provides information about the web part like title, description.

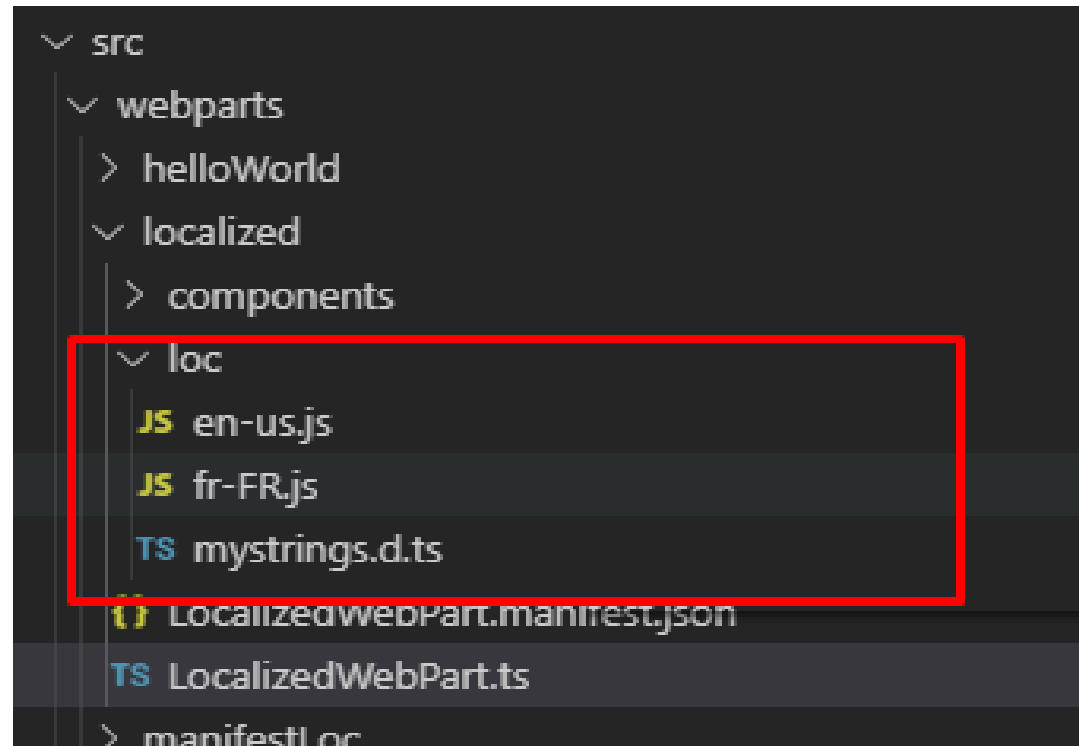
`\src\webparts\localized\LocalizedWebPart.manifest.json`

If the user preferred language is not supported by your SharePoint site, then the default will be used.

The first part of locale name needs to be in lowercase letters while the last part has to be written in uppercase. Example: ("fr-FR").

Localize Web Part Contents

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The localization files used by the web part are stored in the ./src/webparts/localized/loc folder.

Localized string contents are configured in a JavaScript resource file.

mystrings.d.ts is the definition file which defines the strings included in the localized resource files.

All keys specified in the TypeScript type definition file for localization have translations in all localization JavaScript resource files.

```
TS LocalizedWebPart.ts  JS en-us.js  x
src > webparts > localized > loc > JS en-us.js > define() callback
1  define([], function() {
2    return {
3      "PropertyPaneDescription": "Description",
4      "BasicGroupName": "Greeting to show in the web part",
5      "DescriptionFieldLabel": "Description Field",
6      "WelcomeMessage": "Welcome to SharePoint!",
7      "WelcomeDescription": "Customize SharePoint experiences using Web Parts.",
8      "LearnMoreButtonText": "Learn more"
9    }
10  });
```



Localize Web Part Settings Values

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Localized Webpart ×

Description

Greeting to show in the web part

en-US

ru-RU

fr-FR

Values configured through property pane is not saved in resource files.

Use the building blocks provided with the SharePoint Framework to get setting values for each locale



Testing Localization in Development

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Specify the locale to be tested by using the command-line argument when you do the gulp serve.

The locale given in the gulp task will become the default language for the webpart.

Unfortunately, the SharePoint Workbench doesn't currently support previewing the localized values from the web part manifest.

```
E:\Communities\SPFX Webinar Series\mlp1>gulp serve --locale=fr-FR
```



References

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- Localize web parts:

<https://docs.microsoft.com/en-us/sharepoint/dev/spfx/web-parts/guidance/localize-web-parts>

- Localize Communication Sites:

<https://spo.ms/mlp>

- This Webinar Sample Project Git Hub Link:

<https://github.com/JayakumarB/Multilingual-in-SPFx>



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Questions?

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