

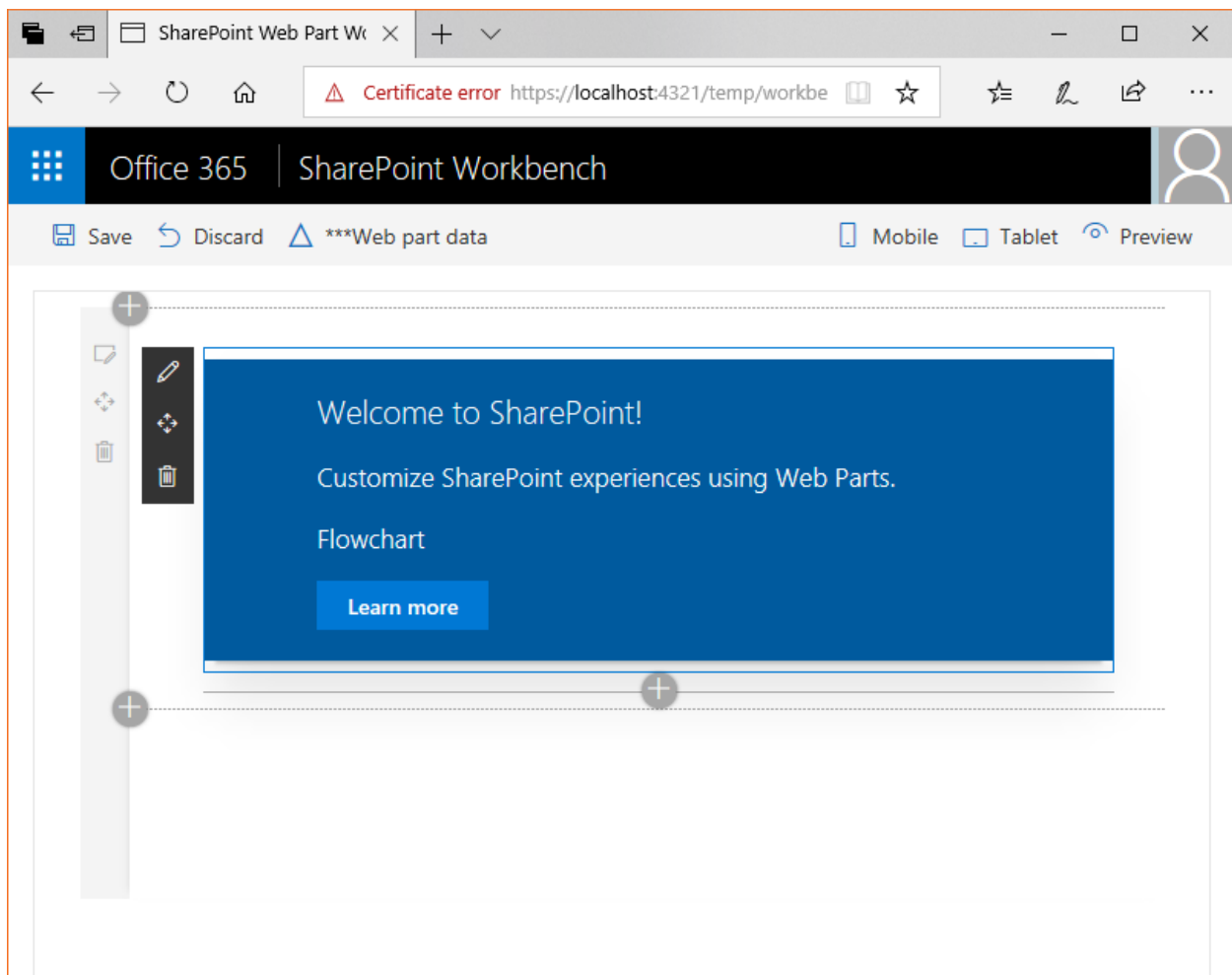
sp-flowchart-js

```
>git clone https://github.com/Haddley/sp-flowchart-js.git
```

```
>yo @microsoft/sharepoint
```

```
>cd sp-flowchart-js
```

```
>gulp serve
```



```
>npm shrinkwrap
```

```
>npm install flowchart.js
```

```
>npm install @pnp/spfx-controls-react
```

>npm install office-ui-fabric-react

>npm install @microsoft/sp-core-library

```
Node.js command prompt
npm notice package-lock.json has been renamed to npm-shrinkwrap.json. npm-shrinkwrap.json will be used for future installations.
c:\Projects\sp-flowchart-js>npm install flowchart.js
npm WARN ajv-keywords@3.2.0 requires a peer of ajv@^6.0.0 but none is installed. You must install peer dependencies yourself.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
+ flowchart.js@1.11.3
added 3 packages in 67.371s
c:\Projects\sp-flowchart-js>npm install @pnp/spfx-controls-react
> @pnp/spfx-controls-react@1.7.0 postinstall c:\Projects\sp-flowchart-js\node_modules\@pnp\spfx-controls-react
> node postinstall/install.js
INFO: Adding the required localized resource configuration to the config.json file.
INFO: Localized resource added.
npm WARN ajv-keywords@3.2.0 requires a peer of ajv@^6.0.0 but none is installed. You must install peer dependencies yourself.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
+ @pnp/spfx-controls-react@1.7.0
added 12 packages in 32.001s
c:\Projects\sp-flowchart-js>
```

```
import * as React from 'react';
import styles from './Flowchart.module.scss';
import { IFlowchartProps } from './IFlowchartProps';
import { escape } from '@microsoft/sp-lodash-subset';
import { WebPartTitle } from "@pnp/spfx-controls-react/lib/WebPartTitle";

export default class Flowchart extends React.Component<IFlowchartProps, {}> {
  public render(): React.ReactElement<IFlowchartProps> {
    return (

      <div>

        <WebPartTitle displayMode={this.props.displayMode}
          title={this.props.title}
          updateProperty={this.props.updateProperty} />

        <h1>{this.props.description}</h1>
      </div>
    );
  }
}
```

```
    );  
  }  
}
```

```
import { WebPartContext } from "@microsoft/sp-webpart-base";  
import { DisplayMode } from "@microsoft/sp-core-library";  
import { IFlowchartWebPartProps } from "../FlowchartWebPart";  
  
export interface IFlowchartProps extends IFlowchartWebPartProps {  
  displayMode: DisplayMode;  
  updateProperty: (value: string) => void;  
  context: WebPartContext;  
}
```

```
{  
  "$schema": "https://developer.microsoft.com/json-schemas/spfx/client-side-web-part-manifest.schema.json",  
  "id": "210a6bf7-ab94-4810-9904-6f8cbfc6c6e1",  
  "alias": "FlowchartWebPart",  
  "componentType": "WebPart",  
  
  // The "*" signifies that the version should be taken from the package.json  
  "version": "*",  
  "manifestVersion": 2,  
  
  // If true, the component can only be installed on sites where Custom Script is  
  // allowed.  
  // Components that allow authors to embed arbitrary script code should set this  
  // to true.  
  // https://support.office.com/en-us/article/Turn-scripting-capabilities-on-or-off-1f2c515f-5d7e-448a-9fd7-835da935584f  
  "requiresCustomScript": false,  
  
  "preconfiguredEntries": [{  
    "groupId": "5c03119e-3074-46fd-976b-c60198311f70", // Other  
    "group": { "default": "Other" },  
    "title": { "default": "Flowchart" },  
    "description": { "default": "Flowchart (flowchart.js)" },  
    "officeFabricIconFontName": "Page",  
    "properties": {  
      "description": "Flowchart Description",  
      "title": "Flowchart Title"  
    }  
  }  
}]
```

```
}
```

```
import * as React from 'react';
import * as ReactDOM from 'react-dom';
import { Version } from '@microsoft/sp-core-library';
import {
  BaseClientSideWebPart,
  IPropertyPaneConfiguration,
  PropertyPaneTextField
} from '@microsoft/sp-webpart-base';

import * as strings from 'FlowchartWebPartStrings';
import Flowchart from './components/Flowchart';
import { IFlowchartProps } from './components/IFlowchartProps';

export interface IFlowchartWebPartProps {
  description: string;
  title: string;
}

export default class FlowchartWebPart extends
BaseClientSideWebPart<IFlowchartWebPartProps> {

  public render(): void {
    const element: React.ReactElement<IFlowchartProps > = React.createElement(
      Flowchart,
      {
        description: this.properties.description,
        title: this.properties.title,
        context: this.context,
        displayMode: this.displayMode,
        updateProperty: (value: string) => {
          this.properties.title = value;
        }
      }
    );

    ReactDOM.render(element, this.domElement);
  }

  protected onDispose(): void {
    ReactDOM.unmountComponentAtNode(this.domElement);
  }
}
```

```
protected get dataVersion(): Version {
    return Version.parse('1.0');
}

protected getPropertyPaneConfiguration(): IPropertyPaneConfiguration {
    return {
        pages: [
            {
                header: {
                    description: strings.PropertyPaneDescription
                },
                groups: [
                    {
                        groupName: strings.BasicGroupName,
                        groupFields: [
                            PropertyPaneTextField('description', {
                                label: strings.DescriptionFieldLabel
                            })
                        ]
                    }
                ]
            }
        ]
    };
}
```
