SPFx OOB Property Pane

Create a SPfx webpart

**Import below module**

import {

IPropertyPaneConfiguration,

PropertyPaneTextField,

PropertyPaneButton,

PropertyPaneCheckbox,

PropertyPaneChoiceGroup,

PropertyPaneDropdown,

PropertyPaneButtonType,

PropertyPaneLabel,

PropertyPaneToggle,

PropertyPaneLink,

PropertyPaneSlider,

PropertyPaneHorizontalRule,

PropertyPaneDropdownOptionType,

IPropertyPaneDropdownOption

} from '@microsoft/sp-property-pane';

**Update the interface**

export interface IPropertyPaneWebPartProps {

description: string;

name:string;

Imageurl:string;

slider:string;

toggle:string;

checkbox:string;

dropdown:string;

geturl:string;

}

Include code in render method next to welcome to SharePoint

<p class="${ styles.subTitle }">Customize SharePoint experiences using Web Parts.</p>

<p class="${ styles.description }">Name : ${escape(this.properties.name)}</p>

<p class="${ styles.description }">Description : ${escape(this.properties.description)}</p>

<p class="${ styles.description }">Name : <img src=${escape(this.properties.Imageurl)}></p>

<p class="${ styles.description }">Age : ${escape(this.properties.slider)}</p>

<p class="${ styles.description }">Status : ${escape(this.properties.toggle)}</p>

<p class="${ styles.description }">select Item : ${escape(this.properties.dropdown)}</p>

<p class="${ styles.description }">IsValid : ${escape(this.properties.checkbox)}</p>

Add the below functions

private validateName(value: string): string {

if(value === null || value.trim().length === 0)

{

return "Please enter the name";

}

if(value.length>10)

{

return 'Name should not be longer than 10 characters';

}

return '';

}

private fetchOptionsSimple(): Array<IPropertyPaneDropdownOption> {

var options: Array<IPropertyPaneDropdownOption> = new Array<IPropertyPaneDropdownOption>();

options.push( { key: 'Added1', text: 'Added from code 1' });

options.push( { key: 'Added2', text: 'Added from code 2' });

return options;

}

private pushdatatoDropDown(): Array<IPropertyPaneDropdownOption>{

let options:Array<IPropertyPaneDropdownOption> = new Array<IPropertyPaneDropdownOption>();

options.push({key:'Item1 dyn', text:'Item 1 dyn text'});

options.push({key:'Item2 dyn', text:'Item 2 dyn text'});

options.push({key:'Item3 dyn', text:'Item 3 dyn text'});

options.push({key:'Item4 dyn', text:'Item 4 dyn text'});

return options;

}

private ButtonClick(value:string)

{

//window.location.href = "https://jpower4mvp.sharepoint.com/";

window.open('https://jpower4mvp.sharepoint.com/', '\_blank');

}

Add below code in Property configuration method

* Inside return

pages: [

{//Page 1

header: {

description: "Page 1 name and description"

},

groups: [

{

groupName: "Group One",

groupFields: [

PropertyPaneTextField('name',{

label: "Name \*",

multiline:false,

resizable:false,

onGetErrorMessage:this.validateName.bind(this),

placeholder: "Please enter your name"

}),

PropertyPaneTextField('description', {

label: "Description",

multiline:true,

resizable:true,

placeholder:"Please enter description"

}),

PropertyPaneTextField('Imageurl', {

label: "Image URL",

multiline:true,

resizable:true,

placeholder:"Please enter image url"

})

]

}

]

},

{//Page 2

header:{

description: "Page 2 Slider, DropDown, Checkbox and Toggle"

},

displayGroupsAsAccordion:true,

groups: [

{

groupName: "Page 2 Group one Slider and Toggle",

isCollapsed:true,

groupFields:[

PropertyPaneSlider('slider',

{

label:"Slider Control", min:1,max:50

}),

PropertyPaneToggle('toggle',

{

label:"Toggle"

})

]

},

{

groupName:"Page 2 Group Two Dropdown and Checkbox",

isCollapsed:false,

groupFields:[

PropertyPaneDropdown('dropdown',{

label:'Drop Down Example',

selectedKey:"Item3",

options:[

{key: '', text:''},

{key: 'Item1', text:'Item1'},

{key: 'Item2', text:'Item2'},

{key: 'Item3', text:'Item3'},

{key: 'Item4', text:'Item4'},

]

}),

PropertyPaneCheckbox('checkbox',{

text: 'Yes/No',

})

]

}

]

},

{//page 3

header:{

description:" Page 3 with hyperlink"

},

groups:[

{

groupName: "",

groupFields:[

PropertyPaneLink('url',

{

text:"My blog Page", href:this.properties.Imageurl, target:''

}),

PropertyPaneButton('button',

{

text: "ClickHere",

buttonType: PropertyPaneButtonType.Normal,

onClick: this.ButtonClick.bind(this)

}

)

]

}

]

},

{//page 4

header:{

description:" Page 4 with hyperlink"

},

groups:[

{

groupName:"Group one Page 4",

groupFields:[

PropertyPaneTextField('geturl',

{

label:"Enter the URL",

resizable:true,

multiline:true,

placeholder:"Enter the URL"

}),

PropertyPaneLink('link',{

text:"My link", href:this.properties.geturl,target:'\_blank'

}),

PropertyPaneDropdown('dropdown1',{

label:"Dynamic DropDown",

options:getOptions

}

)

]

}]

}

]

};