

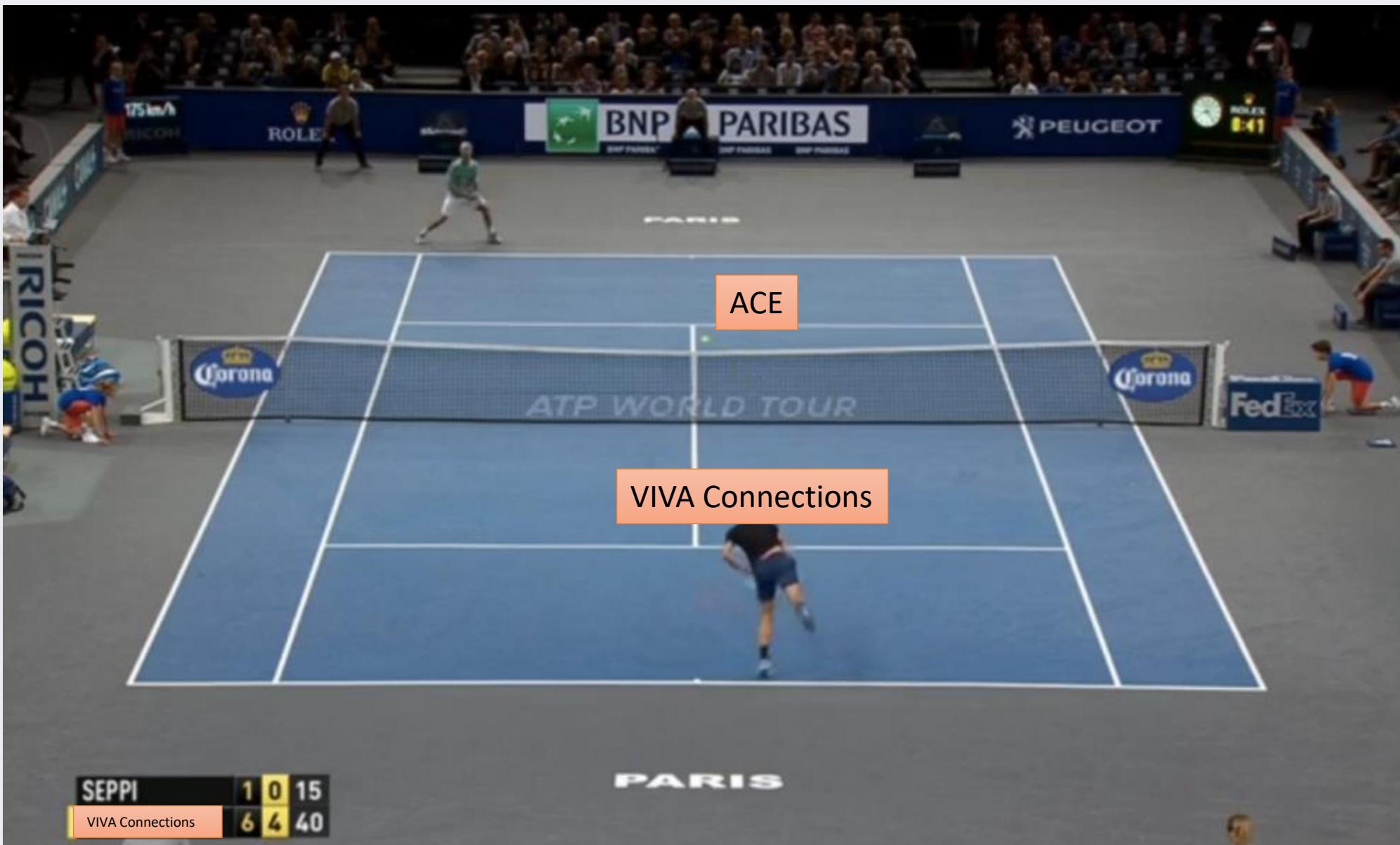
SPFx Community Call

Office locations –
Adaptive Card Extension

Bio.tsx

```
return(  
  <div>  
      
    <Name>Anoop Tatti</Name>  
    <Role>MVP, Developer</Role>  
    <Work>Content+Cloud</Work>  
    <Blog link="https://anoopt.medium.com" />  
    <Twitter username="anooptells" />  
    <GitHub username="anoopt" />  
  </div>  
);
```

Demo



OfficeLocationsAdaptiveCardExtension.ts

```
96
97  private loadOffices = async (): Promise<void> => {
98
99 >    const { ... } = this.properties;
100
101 >    // #region - Show setup card when properties not set ...
102
103    setTimeout(async () => {
104
105        let sp: SPFI = null;
106
107        let offices: Office[] = null;
108
109        switch (dataSource) {
110            case DataSource.Local:
111                offices = this.properties.offices;
112                break;
113            case DataSource.Taxonomy:
114                sp = getSP(this.context);
115                let isTermsetValid: boolean = await sp.termStore.validateTermSet(officesTermSetId, "UsedForOfficeLocations", "true");
116                if (isTermsetValid) {
117                    offices = await sp.termStore.getOfficeTerms(officesTermSetId);
118                }
119                break;
120            case DataSource.List:
121                if (!isEmpty(list)) {
122                    sp = getSP(this.context);
123                    offices = await sp.web.getOfficeItems(list);
124                }
125                break;
126        }
127
128        if (offices === null) {
129            this.setState({
130                cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
131                errorMessage: "Please check logs"
132            });
133            this.cardNavigator.replace(this.state.cardViewToRender);
134        }
135    });
136
```

EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts
- SP-DEV-FX-ACES [SSH: 20.108.241.11]
- > ImageCard-HideACE
- > ImageCard-HybridWork-Checkin
- ✓ ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
 - ✓ src
 - ✓ adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
 - > listView
 - > loc
 - > quickView
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
 - TS officelocation.service.ts
 - TS types.ts
 - > temp
 - .gitignore
- OUTLINE
- TIMELINE
- VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts

```
96
97  private loadOffices = async (): Promise<void> => {
98
99 >    const { ...
100   } = this.properties;
101
102 // #region - Show setup card when properties not set...
103
104 setTimeout(async () => {
105
106     let sp: SPFI = null;
107
108     let offices: Office[] = null;
109
110     switch (dataSource) {
111         case DataSource.Local:
112             offices = this.properties.offices;
113             break;
114         case DataSource.Taxonomy:
115             sp = getSP(this.context);
116             let isTermsetValid: boolean = await sp.termStore.validateTermSet(officesTermSetId, "UsedForOfficeLocations", "true");
117             if (isTermsetValid) {
118                 offices = await sp.termStore.getOfficeTerms(officesTermSetId);
119             }
120             break;
121         case DataSource.List:
122             if (!isEmpty(list)) {
123                 sp = getSP(this.context);
124                 offices = await sp.web.getOfficeItems(list);
125             }
126             break;
127     }
128
129     if (offices === null) {
130         this.setState({
131             cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
132             errorMessage: "Please check logs"
133         });
134         this.cardNavigator.replace(this.state.cardViewToRender);
135     }
136 }
```

EXPLORER

OPEN EDITORS 1 UNSAVED

● TS OfficeLocationsAdaptiveCardExtension.ts sa...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

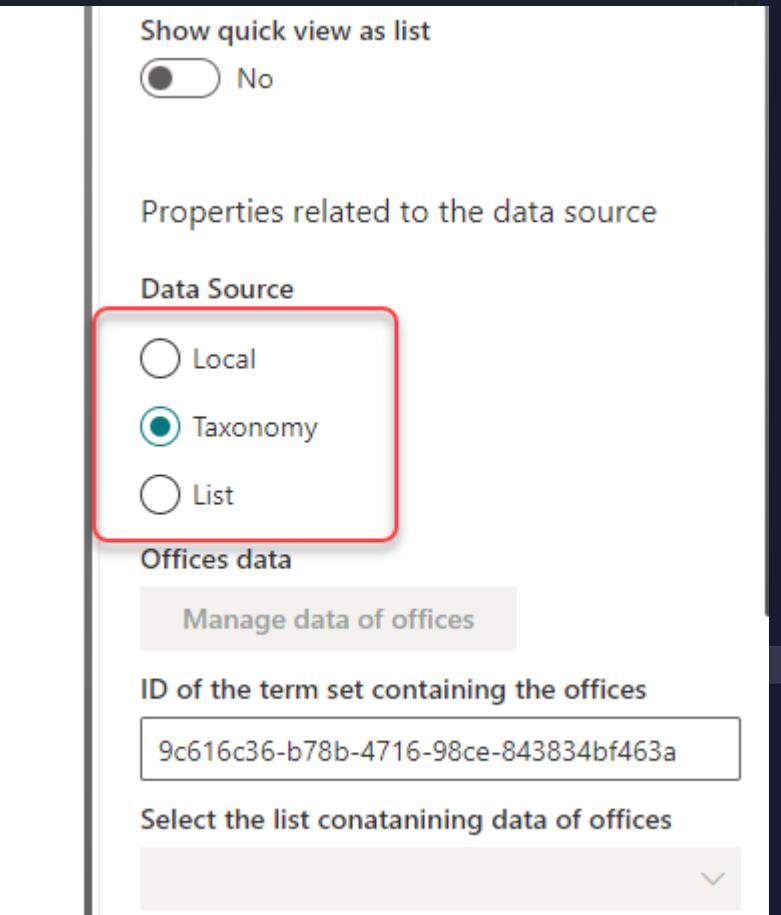
- > 📁 ImageCard-HideACE
- > 📁 ImageCard-HybridWork-Checkin
- ⌄ 📁 ImageCard-OfficeLocations
 - > 📁 .vscode
 - > 📁 assets
 - > 📁 config
 - > 📁 deployment
 - > 📁 dist
 - > 📁 fast-serve
 - > 📁 lib
 - > 📁 node_modules
 - > 📁 release
 - > 📁 sharepoint
- ⌄ 📁 src
 - ⌄ adaptiveCardExtensions / officeLocations
 - > 📁 assets
 - > 📁 cardView
 - > 📁 listView
 - > 📁 loc
 - > 📁 quickView
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
 - TS officelocation.service.ts
 - TS types.ts
- > 📁 temp
- ❗ .gitignore

OfficeLocationsAdaptiveCardExtension.ts ●

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > **TS** OfficeLocationsAdaptiveCardExtension.ts > OfficeLocationsAdaptiveCardExtension

```

96
97     private loadOffices = async (): Promise<void> => {
98
99       const { ... } = this.properties;
100
101      // #region - Show setup card when properties not set ...
102
103      setTimeout(async () => {
104
105        let sp: SPFI = null;
106
107        let offices: Office[] = null;
108
109        switch (dataSource) {
110          case DataSource.Local:
111            offices = this.properties.offices;
112            break;
113          case DataSource.Taxonomy:
114            sp = getSP(this.context);
115            let isTermsetValid: boolean = await sp.termStore.validateTermSet(officesTermSetId);
116            if (isTermsetValid) {
117              offices = await sp.termStore.getOfficeTerms(officesTermSetId);
118            }
119            break;
120          case DataSource.List:
121            if (!isEmpty(list)) {
122              sp = getSP(this.context);
123              offices = await sp.web.getOfficeItems(list);
124            }
125            break;
126        }
127
128        if (offices === null) {
129          this.setState({
130            cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
131            errorMessage: "Please check logs"
132          });
133          this.cardNavigator.replace(this.state.cardViewToRender);
134        }
135      }
136    }
137  }
138
139  // #endregion
140
141  setTimeout(() => {
142    this.loadOffices();
143  }, 1000);
144
145  return (
146    <div>
147      <div>Office Locations</div>
148      <div>${this.state.errorMessage}</div>
149    </div>
150  );
151}
152
```



EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- SP-DEV-FX-ACES [SSH: 20.108.241.11]
 - > ImageCard-HideACE
 - > ImageCard-HybridWork-Checkin
 - > ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
- src
 - adaptiveCardExtensions/officeLocations
 - > assets
 - > cardView
 - > listView
 - > loc
 - > quickView
 - { } OfficeLocationsAdaptiveCardExtensi...
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
 - TS officelocation.service.ts
 - TS types.ts
 - > temp
 - !.gitignore

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts

```
96
97  private loadOffices = async (): Promise<void> => {
98
99 >    const { ...
100   } = this.properties;
101
102 >    // #region - Show setup card when properties not set...
103
104  setTimeout(async () => {
105
106      let sp: SPFI = null;
107
108      let offices: Office[] = null;
109
110      switch (dataSource) {
111          case DataSource.Local:
112              offices = this.properties.offices;
113              break;
114          case DataSource.Taxonomy:
115              sp = getSP(this.context);
116              let isTermsetValid: boolean = await sp.termStore.validateTermSet(officesTermSetId, "UsedForOfficeLocations", "true");
117              if (isTermsetValid) {
118                  offices = await sp.termStore.getOfficeTerms(officesTermSetId);
119              }
120              break;
121          case DataSource.List:
122              if (!isEmpty(list)) {
123                  sp = getSP(this.context);
124                  offices = await sp.web.getOfficeItems(list);
125              }
126              break;
127      }
128
129      if (offices === null) {
130          this.setState({
131              cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
132              errorMessage: "Please check logs"
133          });
134          this.cardNavigator.replace(this.state.cardViewToRender);
135      }
136  
```

EXPLORER

OPEN EDITORS 1 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts
- DEV-FX-ACES [SSH: 20.108.241.11]
- ImageCard-HideACE
- ImageCard-HybridWork-Checkin
- ImageCard-OfficeLocations
- .vscode
- assets
- config
- deployment
- dist
- fast-serve
- lib
- node_modules
- release
- sharepoint
- src
 - adaptiveCardExtensions / officeLocations
 - assets
 - cardView
 - listView
 - loc
 - quickView
 - { } OfficeLocationsAdaptiveCardExtension....
 - OfficeLocationsAdaptiveCardExtension.ts
 - OfficeLocationsPropertyPane.ts
 - icons.ts
 - index.ts
 - officelocation.service.ts
 - types.ts
- temp
- .gitignore

OfficeLocationsAdaptiveCardExtension.ts ● TS officelocation.service.ts X

You, 2 months ago via PR #53 • Updated PnP JS to v3, code splitting fuse, luxon ...

49 extendFactory(TermStore, {

50 validateTermSet: async function (this: ITermStore, termSetId: string, termSetCustomPropertyKey: string, termSetCustomPropertyValue: string): Promise<Office> {

51 return null;

52 },

53 getOfficeTerms: async function (this: ITermStore, termSetId: string): Promise<Office[]> {

54 try {

55 let officeTerms: ITermInfo[] = [];

56 officeTerms = await this.sets.getById(termSetId).terms

57 .select("id", "labels", "properties")

58 .using(Caching({ ...cachingProps, keyFactory: () => `\${CACHE_KEY_PREFIX}terms` }))();

59 console.debug(`\${LOG_SOURCE} (getOfficesFromTermStore) - Data from term store - %o`, officeTerms);

60 let offices: Office[] = officeTerms.map(term => {

61 const termProperties: ITaxonomyProperty[] = term.properties;

62 return {

63 uniqueId: term.id,

64 name: term.labels[0].name,

65 address: find(termProperties, (p: ITaxonomyProperty) => p.key === "Address")?.value ?? null,

66 latitude: find(termProperties, (p: ITaxonomyProperty) => p.key === "Latitude")?.value ?? null,

67 longitude: find(termProperties, (p: ITaxonomyProperty) => p.key === "Longitude")?.value ?? null,

68 mapImageLink: find(termProperties, (p: ITaxonomyProperty) => p.key === "MapImageLink")?.value ?? PLACEHOLDER_IMAGE_URL,

69 timeZoneId: find(termProperties, (p: ITaxonomyProperty) => p.key === "TimeZone")?.value ?? null,

70 pageUrl: find(termProperties, (p: ITaxonomyProperty) => p.key === "PageUrl")?.value ?? null,

71 managerEmailAddress: find(termProperties, (p: ITaxonomyProperty) => p.key === "ManagerEmailAddress")?.value ?? null

72 };

73 });

74 console.debug(`\${LOG_SOURCE} (getOfficesFromTermStore) - formatted data - %o`, offices);

75 return offices;

76 } catch (error) {

77 Logger.write(` \${LOG_SOURCE} (getOfficesFromTermStore) - \${error}`, LogLevel.Error);

78 console.error(error);

79 return null;

80 }

81 }

82 }

83 }:

EXPLORER

OPEN EDITORS 1 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts sa...
- officelocation.service.ts samples/ImageCard-Of...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ImageCard-HideACE
- ImageCard-HybridWork-Checkin
- ImageCard-OfficeLocations
- .vscode
- assets
- config
- deployment
- dist
- fast-serve
- lib
- node_modules
- release
- sharepoint

src

- adaptiveCardExtensions/officeLocations
- assets
- cardView
- listView
- loc
- quickView
- OfficeLocationsAdaptiveCardExtension....
- OfficeLocationsAdaptiveCardExtension.ts
- OfficeLocationsPropertyPane.ts
- icons.ts
- index.ts
- officelocation.service.ts
- types.ts
- temp

OUTLINE

TIMELINE

VIRTUAL MACHINES

EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
TS officelocation.service.ts samples/ImageCard-Of...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ImageCard-HideACE
 - ImageCard-HybridWork-Checkin

ImageCard-Office locations

- .vscode

> assets

- config
deployment

> dist

- fast-serve

> node_modules

- release

5

◀ SRC

- > adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
 - > listView
 - > loc
 - > quickView

{ } OfficeL

- ## OfficeLocationsAdaptiveCardExt

10

- TS icons.ts
TS index.ts

TS officeloc

- TS types.ts

10

OUTLINE

TIMELINE

OfficeLocationsAdaptiveCardExtension.ts • TS officelocation.service.ts X

```

49 extendFactory(TermStore, {
50   You, 2 months ago via PR #53 • Updated PnP JS to v3, code splitting fuse, luxon ...
51 > validateTermSet: async function (this: ITermStore, termSetId: string, termSetCustomPropertyKey: string, termSetCustomPropertyValue: string),
52 },
53
54 getOfficeTerms: async function (this: ITermStore, termSetId: string): Promise<Office[]> {
55   try {
56     let officeTerms: ITermInfo[] = [];
57
58     officeTerms = await this.sets.getById(termSetId).terms
59       .select("id", "labels", "properties")
60       .using(Caching({ ...cachingProps, keyFactory: () => `${CACHE_KEY_PREFIX}terms` }));
61     console.debug(`[${LOG_SOURCE}] (getOfficesFromTermStore) - Data from term store - %o`, officeTerms);
62
63     let offices: Office[] = officeTerms.map(term => {
64
65       const termProperties: ITaxonomyProperty[] = term.properties;
66
67       return {
68         uniqueId: term.id,
69         name: term.labels[0].name,
70         address: find(termProperties, (p: ITaxonomyProperty) => p.key === "Address")?.value ?? null,
71         latitude: find(termProperties, (p: ITaxonomyProperty) => p.key === "Latitude")?.value ?? null,
72         longitude: find(termProperties, (p: ITaxonomyProperty) => p.key === "Longitude")?.value ?? null,
73         mapImageLink: find(termProperties, (p: ITaxonomyProperty) => p.key === "MapImageLink")?.value ?? PLACEHOLDER_IMAGE_URL,
74         timeZoneId: find(termProperties, (p: ITaxonomyProperty) => p.key === "TimeZone")?.value ?? null,
75         pageUrl: find(termProperties, (p: ITaxonomyProperty) => p.key === "PageUrl")?.value ?? null,
76         managerEmailAddress: find(termProperties, (p: ITaxonomyProperty) => p.key === "ManagerEmailAddress")?.value ?? null
77       };
78     });
79
80     console.debug(`[${LOG_SOURCE}] (getOfficesFromTermStore) - formatted data - %o`, offices);
81     return offices;
82   } catch (error) {
83     Logger.write(`[${LOG_SOURCE}] (getOfficesFromTermStore) - ${error}`, LogLevel.Error);
84     console.error(error);
85     return null;
86   }
87 }
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113

```

EXPLORER

OPEN EDITORS 1 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts sa...
- officelocation.service.ts samples/ImageCard-Of...
- SP-DEV-FX-ACES [SSH: 20.108.241.11]
 - ImageCard-HideACE
 - ImageCard-HybridWork-Checkin
 - ImageCard-OfficeLocations
 - .vscode
 - assets
 - config
 - deployment
 - dist
 - fast-serve
 - lib
 - node_modules
 - release
 - sharepoint
 - src
 - adaptiveCardExtensions / officeLocations
 - assets
 - cardView
 - listView
 - loc
 - quickView
 - OfficeLocationsAdaptiveCardExtension....
 - OfficeLocationsAdaptiveCardExtension.ts
 - OfficeLocationsPropertyPane.ts
 - icons.ts
 - index.ts
 - officelocation.service.ts
 - types.ts
 - temp
- OUTLINE
- TIMELINE
- VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts ● TS officelocation.service.ts

Card-OfficeLocations > src > adaptiveCardExtensions > officeLocations > TS OfficeLocationsAdaptiveCardExtension.ts > OfficeLocationsAdaptiveCardExtension > loadOffices > setTimeout() callback

```

54
55     if (offices === null) {
56         this.setState({
57             cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
58             errorMessage: "Please check logs"
59         });
60         this.cardNavigator.replace(this.state.cardViewToRender);
61         return;
62     }
63
64     offices = sortBy(offices, (office: Office) => office.name);
65
66     offices.forEach(office => {
67         office.chatWithManagerLink = !isEmpty(office.managerEmailAddress) ?
68             `https://teams.microsoft.com/l/chat/0/0?users=${office.managerEmailAddress}` : null;
69         office.time = null;
70         office.gotWeather = false;
71         office.gotMap = false;
72         office.weather = null;
73     });
74
75     this.setState({
76         offices,
77         filteredOffices: offices.map(office => ({ uniqueId: office.uniqueId, address: office.address })),
78         cardViewToRender: CARD_VIEW_REGISTRY_ID
79     });
80
81     if (this.properties.showSearch) {
82
83         const fuse = await import(
84             /* webpackChunkName: 'fuse-js' */
85             'fuse.js'
86         ); 16.4k (gzipped: 5.6k)
87
88         this.properties.fuse = new fuse.default(offices, {
89             keys: ['name', 'address'],
90             includeScore: true
91         });
92     }
93 
```

You, 2 months ago via PR #53 · Updated PnP JS to v3, code splitting fuse, luxon ...

EXPLORER

OPEN EDITORS 1 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts sa...
- officelocation.service.ts samples/ImageCard-Of...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ImageCard-HideACE
- ImageCard-HybridWork-Checkin
- ImageCard-OfficeLocations
- .vscode
- assets
- config
- deployment
- dist
- fast-serve
- lib
- node_modules
- release
- sharepoint
- src
 - adaptiveCardExtensions / officeLocations
 - assets
 - cardView
 - listView
 - loc
 - quickView
 - OfficeLocationsAdaptiveCardExtension...
 - OfficeLocationsAdaptiveCardExtension.ts
 - OfficeLocationsPropertyPane.ts
- icons.ts
- index.ts
- officelocation.service.ts
- types.ts
- temp

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts ● TS officelocation.service.ts

... E

EXPLORER

Card-OfficeLocations > src > adaptiveCardExtensions > officeLocations > **TS** OfficeLocationsAdaptiveCardExtension.ts > OfficeLocationsAdaptiveCardExtension > loadOffices > setTimeout() callback

```
if (offices === null) {
  this.setState({
    cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
    errorMessage: "Please check logs"
  });
  this.cardNavigator.replace(this.state.cardViewToRender);
  return;
}

offices = sortBy(offices, (office: Office) => office.name);

offices.forEach(office => {
  office.chatWithManagerLink = !isEmpty(office.managerEmailAddress) ?
    `https://teams.microsoft.com/l/chat/0/0?users=${office.managerEmailAddress}` : null;
  office.time = null;
  office.gotWeather = false;
  office.gotMap = false;
  office.weather = null;
});

this.setState({
  offices,
  filteredOffices: offices.map(office => ({ uniqueId: office.uniqueId, address: office.address })),
  cardViewToRender: CARD_VIEW_REGISTRY_ID
});

if (this.properties.showSearch) {

  const fuse = await import(
    /* webpackChunkName: 'fuse-js' */
    'fuse.js'
  ); 16.4k (gzipped: 5.6k)

  this.properties.fuse = new fuse.default(offices, {
    keys: ['name', 'address'],
    includeScore: true
  });
}
```

You, 2 months ago via PR #53 Ln 202, Col 1 Spaces: 2 UTF-8 LF {} TypeScript ⌂ g

OfficeLocationsAdaptiveCardExtension.ts ● TS officelocation.service.ts

↔ -○ ○ ⌂ ⌂ ...

EXPLORER

Card-OfficeLocations > src > adaptiveCardExtensions > officeLocations > TS OfficeLocationsAdaptiveCardExtension.ts > OfficeLocationsAdaptiveCardExtension > loadOffices > setTimeout() callback

```

54
55     if (offices === null) {
56         this.setState({
57             cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
58             errorMessage: "Please check logs"
59         });
60         this.cardNavigator.replace(this.state.cardViewToRender);
61         return;
62     }
63
64     offices = sortBy(offices, (office: Office) => office.name);
65
66     offices.forEach(office => {
67         office.chatWithManagerLink = !isEmpty(office.managerEmailAddress) ?
68             `https://teams.microsoft.com/l/chat/0/0?users=${office.managerEmailAddress}` : null;
69         office.time = null;
70         office.gotWeather = false;
71         office.gotMap = false;
72         office.weather = null;
73     });
74
75     this.setState({
76         offices,
77         filteredOffices: offices.map(office => ({ uniqueId: office.uniqueId, address: office.address })),
78         cardViewToRender: CARD_VIEW_REGISTRY_ID
79     });
80
81     if (this.properties.showSearch) {
82
83         const fuse = await import(
84             /* webpackChunkName: 'fuse-js' */
85             'fuse.js'
86         ); 16.4k (gzipped: 5.6k)
87
88         this.properties.fuse = new fuse.default(offices, {
89             keys: ['name', 'address'],
90             includeScore: true
91         });
92     }

```

You, 2 months ago via PR #53 · Updated PnP JS to v3, code splitting fuse, luxon ...

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- TS officelocation.service.ts samples/ImageCard-Of...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- > ImageCard-HideACE
- > ImageCard-HybridWork-Checkin
- > ImageCard-OfficeLocations

> .vscode

> assets

> config

> deployment

> dist

> fast-serve

> lib

> node_modules

> release

> sharepoint

> src

> adaptiveCardExtensions / officeLocations

> assets

> cardView

> listView

> loc

> quickView

{ } OfficeLocationsAdaptiveCardExtension....

TS OfficeLocationsAdaptiveCardExtension.ts

TS OfficeLocationsPropertyPane.ts

TS icons.ts

TS index.ts

TS officelocation.service.ts

TS types.ts

> temp

> OUTLINE

> TIMELINE

> VIRTUAL MACHINES

Status

Current

- We have got the data related to offices from the term store
- It is now present in the state – offices

Next steps

- We now have to display
 - The number of offices
 - Each office in detail

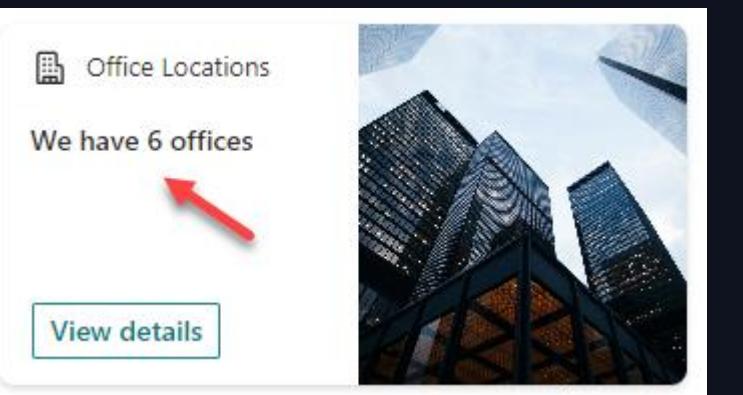
OfficeLocationsAdaptiveCardExtension.ts ● TS CardView.ts X

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > cardView > TS CardView.ts > CardView > (get) cardButtons

```

24      }
25    }
26  }
27}
28
29
30 public get data(): IImageCardParameters {
31
32  const { loadingImage } = this.properties;
33
34  if (this.state.offices === null) {
35    return {
36      primaryText: "Loading ...",
37      imageUrl: isEmpty(loadingImage) ? require('../assets/loading.gif')
38      title: "Loading ...",
39      iconProperty: "Refresh"
40    };
41  }
42
43  let { title } = this.properties;
44  let { offices } = this.state;
45  const numberOffices = offices?.length;
46  return {
47    title,
48    imageUrl: this.state.mainImage || require('../assets/OfficeLocation.svg'),
49    primaryText: `We have ${numberOffices === 0 ? 'no' : numberOffices} office${numberOffices === 1 ? '' : 's'}`
50  };
51}
52
53 public get onCardSelection(): IQuickViewCardAction | IExternalLinkCardAction | undefined {
54  if (this.state.offices && this.state.offices.length > 0) {
55    return {
56      type: 'QuickView',
57      parameters: {
58        view: this.properties.showQuickViewAsList ? LIST_VIEW_REGISTRY_ID : QUICK_VIEW_REGISTRY_ID
59      }
60    };
61  }
62}
63

```



↔ O -O -O ⏪ ⏴ ⏵ ⏶ ⏷

EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- ✗ TS CardView.ts samples/ImageCard-OfficeLocatio...

SP-DEV-FX-ACES [SSH: 20.108.241.11] 🔍 🗂️ 🗑️ 🗃️

- > ImageCard-HideACE
- > ImageCard-HybridWork-Checkin
- ✓ ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
- > src
 - ✓ adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
- TS CardView.ts
- TS ErrorCardView.ts
- TS SetupCardView.ts
- > listView
- > loc
- > quickView
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

Office Locations

Search...



London

⌚ 14:01 (Same time zone as you)



Northern & Shell Building, 10 Manchester
Street, London EC3R 6EN



22°C

High 23.2°C
Low 19.9°C
Wind 15 km/h

Get directions

Contact the manager

More details

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

```

93 public get data(): IQuickViewData {
94
95   const { offices, searchText, filteredOffices, currentOfficeIndex } = this.state;
96   const {
97     title, showQuickViewAsList, showSearch, showMapsInQuickView, showTime,
98     showWeather, getWeatherFromList, weatherList, openWeatherMapApiKey, loadingImage, fuse,
99     pollingForTimeStarted
100 } = this.properties;
101
102
103 let dataToReturn: IQuickViewData = {
104   title,
105   minHeight: showMapsInQuickView ? showWeather ? '570px' : '460px' : 'auto',
106   office: null,
107   icons: this.ICONS,
108   showSearch: showQuickViewAsList ? false : showSearch && offices.length > 1,
109   showClearSearch: !isEmpty(searchText),
110   searchText,
111   showOffices: filteredOffices.length > 0,
112   showNavigationButtons: filteredOffices.length > 1,
113   showTime,
114   showWeather,
115   loadingImage: isEmpty(loadingImage) ? this.loadingImage : loadingImage,
116   showMapsInQuickView: false,
117   showOpenMapsButton: false
118 };
119
120 try {
121
122   //Get the office in the state using the correct index
123   //((when in search, filtered offices will have a different index than the original offices)
124   const filteredOffice: Partial<Office> = filteredOffices[currentOfficeIndex];
125   const filteredOfficeIndex = !isEmpty(searchText) ? findIndex(offices, (o: Office) => o.uniqueId === filteredOffice.uniqueId) : currentO
126   const office: Office = offices[filteredOfficeIndex];
127
128   if (office) {
129
130     const { name, timeZoneId, gotMap, gotWeather, latitude, longitude } = office;
131
132     /* check if office already has the map data

```

↔ O -O -O ⏪ ⏴ ⏵ ⏷ ⏸ ⏹ ...

EXPLORER

OPEN EDITORS 1 UNSAVED

• TS OfficeLocationsAdaptiveCardExtension.ts sa...

✗ TS QuickView.ts samples/ImageCard-OfficeLocatio...

SP-DEV-FX-ACES [SSH: 20.108.241.11] 📁 🔍 ⏴ ⏵

- ImageCard-OfficeLocations
 - .vscode
 - assets
 - config
 - deployment
 - dist
 - fast-serve
 - lib
 - node_modules
 - release
 - sharepoint
- src
 - adaptiveCardExtensions/ officeLocations
 - assets
 - cardView
 - CardView.ts
 - ErrorCardView.ts
 - SetupCardView.ts
 - listView
 - loc
 - quickView
 - template
 - QuickViewTemplate.json
 - QuickView.ts
- OfficeLocationsAdaptiveCardExtension....
- OfficeLocationsAdaptiveCardExtension.ts
- OfficeLocationsPropertyPane.ts
- icons.ts
- index.ts

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

```

93 public get data(): IQuickViewData {
94
95   const { offices, searchText, filteredOffices, currentOfficeIndex } = this.state;
96   const {
97     title, showQuickViewAsList, showSearch, showMapsInQuickView, showTime,
98     showWeather, getWeatherFromList, weatherList, openWeatherMapApiKey, loadingImage, fuse,
99     pollingForTimeStarted
100   } = this.properties;
101
102
103   let dataToReturn: IQuickViewData = {
104     title,
105     minHeight: showMapsInQuickView ? showWeather ? '570px' : '460px' : 'auto',
106     office: null,
107     icons: this.ICONS,
108     showSearch: showQuickViewAsList ? false : showSearch && offices.length > 1,
109     showClearSearch: !isEmpty(searchText),
110     searchText,
111     showOffices: filteredOffices.length > 0,
112     showNavigationButtons: filteredOffices.length > 1,
113     showTime,
114     showWeather,
115     loadingImage: isEmpty(loadingImage) ? this.loadingImage : loadingImage,
116     showMapsInQuickView: false,
117     showOpenMapsButton: false
118   };
119
120   try {
121
122     //Get the office in the state using the correct index
123     //((when in search, filtered offices will have a different index than the original offices)
124     const filteredOffice: Partial<Office> = filteredOffices[currentOfficeIndex];
125     const filteredOfficeIndex = !isEmpty(searchText) ? findIndex(offices, (o: Office) => o.uniqueId === filteredOffice.uniqueId) : currentO
126     const office: Office = offices[filteredOfficeIndex];
127
128     if (office) {
129
130       const { name, timeZoneId, gotMap, gotWeather, latitude, longitude } = office;
131
132       /* check if office already has the map data

```

↔ O -O -O ⏪ ⏴ ...

EXPLORER

OPEN EDITORS 1 UNSAVED

• TS OfficeLocationsAdaptiveCardExtension.ts sa...

✗ TS QuickView.ts samples/ImageCard-OfficeLocatio...

SP-DEV-FX-ACES [SSH: 20.108.241.11] 📁 🔍 ⏴

- ImageCard-OfficeLocations
 - .vscode
 - assets
 - config
 - deployment
 - dist
 - fast-serve
 - lib
 - node_modules
 - release
 - sharepoint
- src
 - adaptiveCardExtensions/ officeLocations
 - assets
 - cardView
 - CardView.ts
 - ErrorCardView.ts
 - SetupCardView.ts
 - listView
 - loc
 - quickView
 - template
 - QuickViewTemplate.json
 - QuickView.ts
 - OfficeLocationsAdaptiveCardExtension....
 - OfficeLocationsAdaptiveCardExtension.ts
 - OfficeLocationsPropertyPane.ts
 - icons.ts
 - index.ts

> OUTLINE

> TIMELINE

> VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > TS QuickView > ⚙ (get) data

```

19
20 try {
21   You, 3 months ago via PR #52 • Added office-locations sample ...
22
23   //Get the office in the state using the correct index
24   //((when in search, filtered offices will have a different index than the original offices)
25   const filteredOffice: Partial<Office> = filteredOffices[currentOfficeIndex];
26   const filteredOfficeIndex = !isEmpty(searchText) ? findIndex(offices, (o: Office) => o.uniqueId === filteredOffice.uniqueId) : currentO
27   const office: Office = offices[filteredOfficeIndex];
28
29   if (office) {
30
31     const { name, timeZoneId, gotMap, gotWeather, latitude, longitude } = office;
32
33     /* check if office already has the map data
34     /* if not, get it using the static image URLs
35     if (!gotMap) {...
36
37
38     if (showTime && !isEmpty(timeZoneId)) {...
39
40
41     /* check if office already has the weather data
42     /* if not, get it from the API or from the list
43
44     if (showWeather && !gotWeather) {...
45
46
47     dataToReturn = {
48       ...dataToReturn,
49       office,
50       showTime: showTime && !isEmpty(office.time),
51       showMapsInQuickView: showMapsInQuickView && !isEmpty(office.locationMap),
52       showOpenMapsButton: this.context.deviceContext === 'WebView' && !showMapsInQuickView && !isEmpty(office.latitude) && !isEmpty(office.longitude)
53     };
54   }
55
56 } catch (error) {
57   Logger.write(`{$this.LOG_SOURCE} (data) - ${error}`, LogLevel.Error);
58 }
```

↔ O -O- ⌂ ⌂ ...

EXPLORER

✓ OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- ✗ TS QuickView.ts samples/ImageCard-OfficeLocatio...

✓ SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ✓ ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
- ✓ src
 - ✓ adaptiveCardExtensions / officeLocations
 - > assets
 - ✓ cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - ✓ quickView
 - ✓ template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > (get) data

```

19
20 try { You, 3 months ago via PR #52 • Added office-locations sample ...
21
22 //Get the office in the state using the correct index
23 //((when in search, filtered offices will have a different index than the original offices)
24 const filteredOffice: Partial<Office> = filteredOffices[currentOfficeIndex];
25 const filteredOfficeIndex = !isEmpty(searchText) ? findIndex(offices, (o: Office) => o.uniqueId === filteredOffice.uniqueId) : currentO
26 const office: Office = offices[filteredOfficeIndex];
27
28 if (office) {
29
30   const { name, timeZoneId, gotMap, gotWeather, latitude, longitude } = office;
31
32   /* check if office already has the map data
33   /* if not, get it using the static image URLs
34   if (!gotMap) {...
35
36
37   if (showTime && !isEmpty(timeZoneId)) {...
38
39   /* check if office already has the weather data
40   /* if not, get it from the API or from the list
41
42   if (showWeather && !gotWeather) {...
43
44
45   dataToReturn = {
46     ...dataToReturn,
47     office,
48     showTime: showTime && !isEmpty(office.time),
49     showMapsInQuickView: showMapsInQuickView && !isEmpty(office.locationMap),
50     showOpenMapsButton: this.context.deviceContext === 'WebView' && !showMapsInQuickView && !isEmpty(office.latitude) && !isEmpty(office.longitude)
51   };
52 }
53 } catch (error) {
54   Logger.write(`{$this.LOG_SOURCE} (data) - ${error}`, LogLevel.Error);
55 }
```

↔ O -O- ⌂ ⌂ ...

EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- ✗ TS QuickView.ts samples/ImageCard-OfficeLocatio...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ✓ ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
- ✓ src
 - ✓ adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - > quickView
 - > template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > (get) data

```

19
20 try {
21   You, 3 months ago via PR #52 · Added office-locations sample ...
22
23   //Get the office in the state using the correct index
24   //((when in search, filtered offices will have a different index than the original offices)
25   const filteredOffice: Partial<Office> = filteredOffices[currentOfficeIndex];
26   const filteredOfficeIndex = !isEmpty(searchText) ? findIndex(offices, (o: Office) => o.uniqueId === filteredOffice.uniqueId) : currentO
27   const office: Office = offices[filteredOfficeIndex];
28
29   if (office) {
30
31     const { name, timeZoneId, gotMap, gotWeather, latitude, longitude } = office;
32
33     /* check if office already has the map data
34     /* if not, get it using the static image URLs
35     if (!gotMap) {...
36
37
38     if (showTime && !isEmpty(timeZoneId)) {...
39
40
41     /* check if office already has the weather data
42     /* if not, get it from the API or from the list
43
44     if (showWeather && !gotWeather) {...
45
46
47
48     dataToReturn = {
49       ...dataToReturn,
50       office,
51       showTime: showTime && !isEmpty(office.time),
52       showMapsInQuickView: showMapsInQuickView && !isEmpty(office.locationMap),
53       showOpenMapsButton: this.context.deviceContext === 'WebView' && !showMapsInQuickView && !isEmpty(office.latitude) && !isEmpty(office.longitude)
54     };
55   }
56
57 } catch (error) {
58   Logger.write(`{$this.LOG_SOURCE} (data) - ${error}`, LogLevel.Error);
59 }
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95

```

↔ O -O -O ⌂ ⌂ ...

EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- ✗ TS QuickView.ts samples/ImageCard-OfficeLocatio...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ✓ ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
 - ✓ src
 - adaptiveCardExtensions / officeLocations
 - > assets
 - ✓ cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - ✓ quickView
 - ✓ template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

```

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > (get) data
private getOfficeLocationMapDetails(office: Office): OfficeLocationMap {
  const { showMapsInQuickView, mapsSource, useMapsAPI, bingMapsApiKey, googleMapsApiKey } = this.properties;
  const { name, mapImageLink, latitude, longitude } = office;

  let officeLocationMap: OfficeLocationMap = {
    imageUrl: isEmpty(mapImageLink) ? PLACEHOLDER_IMAGE_URL : mapImageLink,
    imageAlt: `${name} Office Location`,
    directionUrl: '#'
  };

  if (isEmpty(latitude) || isEmpty(longitude)) {
    return officeLocationMap;
  }

  //Show directions with Bing maps to maintain consistency with the "Open in Maps" button as that button shows the Bing maps app by default
  officeLocationMap.directionUrl = `https://www.bing.com/maps?rtp=~pos.${latitude}_${longitude}&rtop=0~1~0&lvl=15&toWww=1`;

  if (!showMapsInQuickView) {
    return officeLocationMap;
  }

  switch (mapsSource) {
    case MapsSource.Bing:
      if (useMapsAPI) {
        officeLocationMap.imageUrl = `https://dev.virtualearth.net/REST/V1/Imagery/Map/Road/${latitude}%2C${longitude}/15?mapSize=400,240&`;
      }
      break;
    case MapsSource.Google:
      if (useMapsAPI) {
        officeLocationMap.imageUrl = `https://maps.googleapis.com/maps/api/staticmap?center=${latitude},${longitude}&zoom=15&size=400x240&`;
      }
      officeLocationMap.directionUrl = `https://www.google.com/maps/dir/?api=1&destination=${latitude},${longitude}`;
      break;
    default:
      break;
  }
  return officeLocationMap;
}

```

↔ O -O -O ⏪ ⏴ ⏵ ⏴ ...

EXPLORER

OPEN EDITORS 1 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- ✗ TS QuickView.ts samples/ImageCard-OfficeLocatio...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ✓ ImageCard-OfficeLocations
 - > .vscode
 - > assets
 - > config
 - > deployment
 - > dist
 - > fast-serve
 - > lib
 - > node_modules
 - > release
 - > sharepoint
- ✓ src
 - > adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - > quickView
 - > template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

```

42 private getOfficeLocationMapDetails(office: Office): OfficeLocationMap {
43
44     const { showMapsInQuickView, mapsSource, useMapsAPI, bingMapsApiKey, googleMapsApiKey } = this.properties;
45     const { name, mapImageLink, latitude, longitude } = office;
46
47     let officeLocationMap: OfficeLocationMap = {
48         imageUrl: isEmpty(mapImageLink) ? PLACEHOLDER_IMAGE_URL : mapImageLink,
49         imageAlt: `${name} Office Location`,
50         directionUrl: '#'
51     };
52
53     if (isEmpty(latitude) || isEmpty(longitude)) {
54         return officeLocationMap;
55     }
56
57     //Show directions with Bing maps to maintain consistency with the "Open in Maps" button as that button shows the Bing ma
58     officeLocationMap.directionUrl = `https://www.bing.com/maps?rtp=~pos.${latitude}_${longitude}&rtop=0~1~0&lvl=15&toWww=1`
59
60     if (!showMapsInQuickView) {
61         return officeLocationMap;
62     }
63
64     switch (mapsSource) {
65         case MapsSource.Bing:
66             if (useMapsAPI) {
67                 officeLocationMap.imageUrl = `https://dev.virtualearth.net/REST/V1/Imagery/Map/Road/${latitude}%2C${longitude}/15?k=${bingMapsApiKey}`;
68             }
69             break;
70         case MapsSource.Google:
71             if (useMapsAPI) {
72                 officeLocationMap.imageUrl = `https://maps.googleapis.com/maps/api/staticmap?center=${latitude},${longitude}&zoom=15&k=${googleMapsApiKey}`;
73             }
74             officeLocationMap.directionUrl = `https://www.google.com/maps/dir/?api=1&destination=${latitude},${longitude}`;
75             break;
76         default:
77             break;
78     }
79     return officeLocationMap;
80 }

```

Office Locations

Search... 🔍

London 🕒 14:01 (Same time zone as you)

Northern & Shell Building, 10 Manchester Street, London EC3R 6EN 📍 🔗

High 23.2°C
Low 19.9°C
Wind 15 km/h

22°C

Get directions Contact the manager More details

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts X

```

42 private getOfficeLocationMapDetails(office: Office): OfficeLocationMap {
43
44     const { showMapsInQuickView, mapsSource, useMapsAPI, bingMapsApiKey, googleMapsApiKey } = this.properties;
45     const { name, mapImageLink, latitude, longitude } = office;
46
47     let officeLocationMap: OfficeLocationMap = {
48         imageUrl: isEmpty(mapImageLink) ? PLACEHOLDER_IMAGE_URL : mapImageLink,
49         imageAlt: `${name} Office Location`,
50         directionUrl: '#'
51     };
52
53     if (isEmpty(latitude) || isEmpty(longitude)) {
54         return officeLocationMap;
55     }
56
57     //Show directions with Bing maps to maintain consistency with the "Open in Maps" button as that button shows the Bing ma
58     officeLocationMap.directionUrl = `https://www.bing.com/maps?rtp=~pos.${latitude}.${longitude}&rtop=0~1~0&lvl=15&toWww=1`;
59
60     if (!showMapsInQuickView) {
61         return officeLocationMap;
62     }
63
64     switch (mapsSource) {
65         case MapsSource.Bing:
66             if (useMapsAPI) {
67                 officeLocationMap.imageUrl = `https://dev.virtualearth.net/REST/V1/Imagery/Map/Road/${latitude}%2C${longitude}/15?`;
68             }
69             break;
70         case MapsSource.Google:
71             if (useMapsAPI) {
72                 officeLocationMap.imageUrl = `https://maps.googleapis.com/maps/api/staticmap?center=${latitude},${longitude}&zoom=`;
73             }
74             officeLocationMap.directionUrl = `https://www.google.com/maps/dir/?api=1&destination=${latitude},${longitude}`;
75             break;
76         default:
77             break;
78     }
79     return officeLocationMap;
80 }

```

Office Locations

Search... 🔍

London 🕒 14:01 (Same time zone as you)

Northern & Shell Building, 10 Manchester Street, London EC3R 6EN 📍 🔗

High 23.2°C
Low 19.9°C
Wind 15 km/h

22°C

Get directions Contact the manager More details

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts •

↔ O -O -O ⏹ ⏹ ...

EXPLORER

▼ OPEN EDITORS 2 UNSAVED

● TS OfficeLocationsAdaptiveCardExtension.ts sa...

● TS QuickView.ts samples/ImageCard-OfficeLocati...

▼ SP-DEV-FX-ACES [SSH: 20.108.241.11]

✓ ImageCard-OfficeLocations

> .vscode

> assets

> config

> deployment

> dist

> fast-serve

> lib

> node_modules

> release

> sharepoint

✓ src

✓ adaptiveCardExtensions / officeLocations

> assets

✓ cardView

TS CardView.ts

TS ErrorCardView.ts

TS SetupCardView.ts

> listView

> loc

✓ quickView

✓ template

{ } QuickViewTemplate.json

TS QuickView.ts

{ } OfficeLocationsAdaptiveCardExtension....

TS OfficeLocationsAdaptiveCardExtension.ts

TS OfficeLocationsPropertyPane.ts

TS icons.ts

TS index.ts

> OUTLINE

> TIMELINE

> VIRTUAL MACHINES

```

42 private async getOfficeLocalTimeUsingTemporal(officeTimeZoneId: string): Promise<string> {
43   const jstemporal = await import(
44     /* webpackChunkName: 'jstemporal' */
45     '@js-temporal/polyfill'
46   );
47   try {
48     const { Temporal } = jstemporal;
49     const now = Temporal.Now;
50     const officeTime = now.zonedDateTimeISO(officeTimeZoneId);
51
52     const officeTimeToDisplay: string = `⌚ ${String(officeTime.hour).padStart(2, '0')}:${String(officeTime.minute).padStart(2, '0')}`;
53
54     const localTime = now.zonedDateTimeISO();
55     if (localTime.timeZone.toString() === officeTimeZoneId) {
56       return `${officeTimeToDisplay} (Same time zone as you)`;
57     }
58
59     const localTimeOffset = localTime.offsetNanoseconds / 1000000000 / 60;
60     const officeTimeOffset = officeTime.offsetNanoseconds / 1000000000 / 60;
61
62     return this.formatTimeUsingOffset(officeTimeToDisplay, officeTimeOffset - localTimeOffset);
63
64   } catch (error) {
65     console.error(error);
66     return "";
67   }
68 }
69
70 private formatTimeUsingOffset(time: string, offset: number): string {
71
72   if (offset === 0) {
73     return `${time} (Same time as you)`;
74   }
75   const offsetHours: number = Math.abs(offset / 60 ^ 0);
76   const offsetMinutes: number = Math.abs(offset % 60);
77   const offsetHoursString: string = offsetHours > 0 ? `${offsetHours}h` : '';
78   const offsetMinutesString: string = offsetMinutes > 0 ? `${offsetMinutes}m` : '';
79   let offsetSuffix: string = `${offsetHoursString} ${offsetMinutesString} ${offset > 0 ? 'ahead of' : 'behind'} you`;
80   return `${time} (${offsetSuffix})`;
81 }
```

You, 2 months ago via PR #60 · Fixed issue related to summer time. ...

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts •

```

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > formatTimeUsingOffset
42 private async getOfficeLocalTimeUsingTemporal(officeTimeZoneId: string): Promise<string> {
43   const jstemporal = await import(
44     /* webpackChunkName: 'jstemporal' */
45     '@js-temporal/polyfill'
46   );
47   try {
48     const { Temporal } = jstemporal;
49     const now = Temporal.Now;
50     const officeTime = now.zonedDateTimeISO(officeTimeZoneId);
51
52     const officeTimeToDisplay: string = `⌚ ${String(officeTime.hour).padStart(2, '0')}:${String(officeTime.minute).padStart(2, '0')}`;
53
54     const localTime = now.zonedDateTimeISO();
55     if (localTime.timeZone.toString() === officeTimeZoneId) {
56       return `${officeTimeToDisplay} (Same time zone as you)`;
57     }
58
59     const localTimeOffset = localTime.offsetNanoseconds / 1000000000 / 60;
60     const officeTimeOffset = officeTime.offsetNanoseconds / 1000000000 / 60;
61
62     return this.formatTimeUsingOffset(officeTimeToDisplay, officeTimeOffset - localTimeOffset);
63
64   } catch (error) {
65     console.error(error);
66     return "";
67   }
68 }
69
70 private formatTimeUsingOffset(time: string, offset: number): string {
71
72   if (offset === 0) {
73     return `${time} (Same time as you)`;
74   }
75   const offsetHours: number = Math.abs(offset / 60 ^ 0);
76   const offsetMinutes: number = Math.abs(offset % 60);
77   const offsetHoursString: string = offsetHours > 0 ? `${offsetHours}h` : '';
78   const offsetMinutesString: string = offsetMinutes > 0 ? `${offsetMinutes}m` : '';
79   let offsetSuffix: string = `${offsetHoursString} ${offsetMinutesString} ${offset > 0 ? 'ahead of' : 'behind'} you`;
80   return `${time} (${offsetSuffix})`;
81 }
```

You, 2 months ago via PR #60 · Fixed issue related to summer time. ...

↔ O -O -O ⏹ ⏹ ...

EXPLORER

OPEN EDITORS 2 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- TS QuickView.ts samples/ImageCard-OfficeLocati...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

ImageCard-OfficeLocations

- > .vscode
- > assets
- > config
- > deployment
- > dist
- > fast-serve
- > lib
- > node_modules
- > release
- > sharepoint

src

- adaptiveCardExtensions/officeLocations
- > assets
- cardView

TS CardView.ts

TS ErrorCardView.ts

TS SetupCardView.ts

- > listView
- > loc
- quickView
- template

{ } QuickViewTemplate.json

TS QuickView.ts

{ } OfficeLocationsAdaptiveCardExtension....

TS OfficeLocationsAdaptiveCardExtension.ts

TS OfficeLocationsPropertyPane.ts

TS icons.ts

TS index.ts

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts •

```

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > formatTimeUsingOffset
42 private async getOfficeLocalTimeUsingTemporal(officeTimeZoneId: string): Promise<string> {
43   const jstemporal = await import(
44     /* webpackChunkName: 'jstemporal' */
45     '@js-temporal/polyfill'
46   );
47   try {
48     const { Temporal } = jstemporal;
49     const now = Temporal.Now;
50     const officeTime = now.zonedDateTimeISO(officeTimeZoneId);
51
52     const officeTimeToDisplay: string = `⌚ ${String(officeTime.hour).padStart(2, '0')}:${String(officeTime.minute).padStart(2, '0')}`;
53
54     const localTime = now.zonedDateTimeISO();
55     if (localTime.timeZone.toString() === officeTimeZoneId) {
56       return `${officeTimeToDisplay} (Same time zone as you)`;
57     }
58
59     const localTimeOffset = localTime.offsetNanoseconds / 1000000000 / 60;
60     const officeTimeOffset = officeTime.offsetNanoseconds / 1000000000 / 60;
61
62     return this.formatTimeUsingOffset(officeTimeToDisplay, officeTimeOffset - localTimeOffset);
63
64   } catch (error) {
65     console.error(error);
66     return "";
67   }
68 }
69
70 private formatTimeUsingOffset(time: string, offset: number): string {
71
72   if (offset === 0) {
73     return `${time} (Same time as you)`;
74   }
75   const offsetHours: number = Math.abs(offset / 60 ^ 0);
76   const offsetMinutes: number = Math.abs(offset % 60);
77   const offsetHoursString: string = offsetHours > 0 ? `${offsetHours}h` : '';
78   const offsetMinutesString: string = offsetMinutes > 0 ? `${offsetMinutes}m` : '';
79   let offsetSuffix: string = `${offsetHoursString} ${offsetMinutesString} ${offset > 0 ? 'ahead of' : 'behind'} you`;
80   return `${time} (${offsetSuffix})`;
81 }
```

You, 2 months ago via PR #60 · Fixed issue related to summer time. ...

↔ O -O -O ⏹ ⏹ ...

EXPLORER

OPEN EDITORS 2 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- TS QuickView.ts samples/ImageCard-OfficeLocati...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

ImageCard-OfficeLocations

- > .vscode
- > assets
- > config
- > deployment
- > dist
- > fast-serve
- > lib
- > node_modules
- > release
- > sharepoint

src

adaptiveCardExtensions/officeLocations

- > assets

cardView

- TS CardView.ts
- TS ErrorCardView.ts
- TS SetupCardView.ts

listView

loc

quickView

- template
 - { } QuickViewTemplate.json
 - TS QuickView.ts

OfficeLocationsAdaptiveCardExtension....

- TS OfficeLocationsAdaptiveCardExtension.ts
- TS OfficeLocationsPropertyPane.ts

icons.ts

index.ts

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts

QuickView.ts

```

    • QuickView.ts || sp-dev-fx-aces [SSH: 20.108.241.11] || Visual Studio Code - Insiders
    OfficeLocationsAdaptiveCardExtension.ts • QuickView.ts •
    Explorer

    Examples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > QuickView.ts > QuickView > formatTimeUsingOffset
    42 private async getOfficeLocalTimeUsingTemporal(officeTimeZoneId: string): Promise<string> {
    43   const jstemporal = await import(
    44     /* webpackChunkName: 'jstemporal' */
    45     '@js-temporal/polyfill'
    46   );
    47   try {
    48     const { Temporal } = jstemporal;
    49     const now = Temporal.Now;
    50     const officeTime = now.zonedDateTimeISO(officeTimeZoneId);
    51
    52     const officeTimeToDisplay: string = `⌚ ${String(officeTime.hour).padStart(2, '0')}:${String(officeTime.minute).padStart(2, '0')}`;
    53
    54     const localTime = now.zonedDateTimeISO();
    55     if (localTime.timeZone.toString() === officeTimeZoneId) {
    56       return `${officeTimeToDisplay} (Same time zone as you)`;
    57     }
    58
    59     const localTimeOffset = localTime.offsetNanoseconds / 1000000000 / 60;
    60     const officeTimeOffset = officeTime.offsetNanoseconds / 1000000000 / 60;
    61
    62     return this.formatTimeUsingOffset(officeTimeToDisplay, officeTimeOffset - localTimeOffset);
    63
    64   } catch (error) {
    65     console.error(error);
    66     return "";
    67   }
    68 }

    69 private formatTimeUsingOffset(time: string, offset: number): string {
    70
    71   if (offset === 0) {
    72     return `${time} (Same time as you)`;
    73   }
    74   const offsetHours: number = Math.abs(offset / 60 ^ 0);
    75   const offsetMinutes: number = Math.abs(offset % 60);
    76   const offsetHoursString: string = offsetHours > 0 ? `${offsetHours}h` : '';
    77   const offsetMinutesString: string = offsetMinutes > 0 ? `${offsetMinutes}m` : '';
    78   let offsetSuffix: string = `${offsetHoursString} ${offsetMinutesString} ${offset > 0 ? 'ahead of' : 'behind'} you`;
    79   return `${time} (${offsetSuffix})`;
    80   You, 2 months ago via PR #60 • Fixed issue related to summer time...
    81 }
```

Office Locations

Search... 🔍

Seattle
⌚ 06:15 (8h behind you)

400 Broad St, Seattle, WA 98109, United States

High 9.5°C
Low 7.0°C
Wind 10 km/h

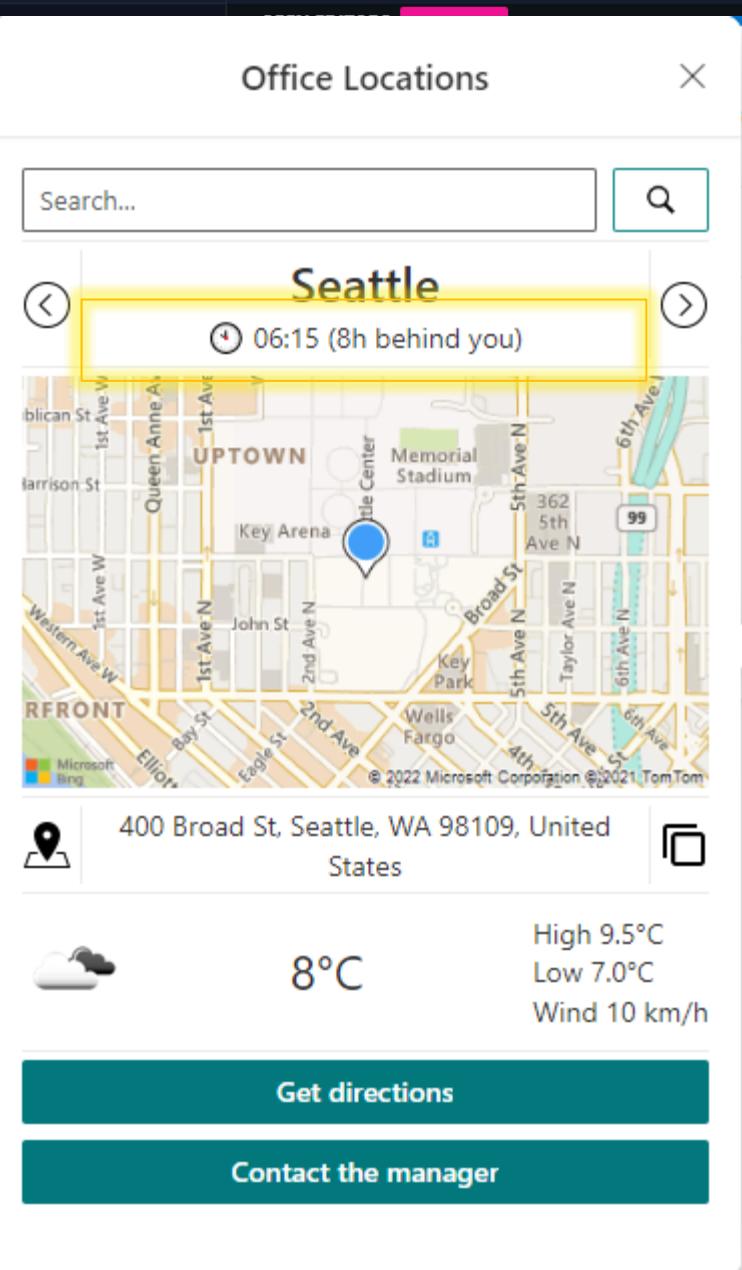
📍 🔗

Get directions

Contact the manager

> VIRTUAL MACHINES

```
OfficeLocationsAdaptiveCardExtension.ts ● | TS QuickView.ts ● | 42 examples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > formatTimeUsingOffset  
42     private async getOfficeLocalTimeUsingTemporal(officeTimeZoneId: string): Promise<string> {  
43         const jstemporal = await import(  
44             /* webpackChunkName: 'jstemporal' */  
45             '@js-temporal/polyfill'  
46         );  
47         try {  
48             const { Temporal } = jstemporal;  
49             const now = Temporal.Now;  
50             const officeTime = now.zonedDateTimeISO(officeTimeZoneId);  
51  
52             const officeTimeToDisplay: string = `⌚ ${String(officeTime.hour).padStart(2, '0')}:${String(officeTime.minute).padSt  
53  
54             const localTime = now.zonedDateTimeISO();  
55             if (localTime.timeZone.toString() === officeTimeZoneId) {  
56                 return `${officeTimeToDisplay} (Same time zone as you)`;
57             }
58  
59             const localTimeOffset = localTime.offsetNanoseconds / 1000000000 / 60;
60             const officeTimeOffset = officeTime.offsetNanoseconds / 1000000000 / 60;
61  
62             return this.formatTimeUsingOffset(officeTimeToDisplay, officeTimeOffset - localTimeOffset);
63
64         } catch (error) {
65             console.error(error);
66             return "";
67         }
68     }
69  
70     private formatTimeUsingOffset(time: string, offset: number): string {
71
72         if (offset === 0) {
73             return `${time} (Same time as you)`;
74         }
75         const offsetHours: number = Math.abs(offset / 60 ^ 0);
76         const offsetMinutes: number = Math.abs(offset % 60);
77         const offsetHoursString: string = offsetHours > 0 ? `${offsetHours}h` : '';
78         const offsetMinutesString: string = offsetMinutes > 0 ? `${offsetMinutes}m` : '';
79         let offsetSuffix: string = `${offsetHoursString} ${offsetMinutesString} ${offset > 0 ? 'ahead of' : 'behind'} you`;
80         return `${time} (${offsetSuffix})`;
81     }
82     You, 2 months ago via PR #60 • Fixed issue related to summer time. ...
83 }
```



OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts • TS officelocation.service.ts •

↔ O -O -O ⏪ ⏴ ⏵ ⏷ ⏸ ⏹ ⏺ ⏻ ⏻

EXPLORER

▼ OPEN EDITORS 3 UNSAVED

- TS officelocation.service.ts samples/ImageCard-OfficeLocati...
- TS QuickView.ts samples/ImageCard-OfficeLocati...
- TS OfficeLocationsAdaptiveCardExtension.ts sa...

▼ SP-DEV-FX-ACES [SSH: 20.108.241.11]

- > dist
- > fast-serve
- > lib
- > node_modules
- > release
- > sharepoint
- ✓ src
 - adaptiveCardExtensions / officeLocations
 - > assets
 - ✓ cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - ✓ quickView
 - > template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
 - TS officelocation.service.ts
 - TS types.ts
- > temp
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

```

74
75  });
76
77
78 export async function getOfficeLocationWeatherFromAPI(httpClient: any, openWeatherMapApiKey: string, latitude: string, longitude: string): Promise<any> {
79   try {
80
81     if (isEmpty(latitude) || isEmpty(longitude)) {
82       Logger.write(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - co-ordinates are empty`, LogLevel.Warning);
83       return null;
84     }
85
86     const weatherData = await httpClient
87       .get(
88         `https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${openWeatherMapApiKey}&units=metric`,
89         HttpClient.configurations.v1
90       );
91     const weather: any = await weatherData.json();
92     console.debug(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - Weather data - %o`, weather);
93
94     return {
95       icon: `https://openweathermap.org/img/w/${weather.weather[0].icon}.png`,
96       temperature: `${weather.main.temp.toFixed(0)}`,
97       high: `${weather.main.temp_max.toFixed(1)}`,
98       low: `${weather.main.temp_min.toFixed(1)}`,
99       windSpeed: `${Math.round(weather.wind.speed * 3.6)} km/h`
100    };
101  } catch (error) {
102    Logger.write(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - ${error}`, LogLevel.Error);
103    console.error(error);
104    return null;
105  }
106}

```

You, 3 months ago via PR #52 • Added office-locations sample ...

OfficeLocationsAdaptiveCardExtension.ts

QuickView.ts

officelocation.service.ts

↔ O -O -O ⌂ ⌂ ...

EXPLORER

OPEN EDITORS 3 UNSAVED

- TS officelocation.service.ts samples/ImageCard-OfficeLocati...
- TS QuickView.ts samples/ImageCard-OfficeLocati...
- TS officelocation.service.ts samples/ImageCard-...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- > dist
- > fast-serve
- > lib
- > node_modules
- > release
- > sharepoint
- > src
 - adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - > quickView
 - > template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
 - TS officelocation.service.ts
 - TS types.ts
 - > temp
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

```

74
75  );
76
77
78 export async function getOfficeLocationWeatherFromAPI(httpClient: any, openWeatherMapApiKey: string, latitude: string, longitude: string): Promise<any>
79   try {
80
81     if (isEmpty(latitude) || isEmpty(longitude)) {
82       Logger.write(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - co-ordinates are empty`, LogLevel.Warning);
83       return null;
84     }
85
86     const weatherData = await httpClient
87       .get(
88         `https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${openWeatherMapApiKey}&units=metric`
89         HttpClient.configurations.v1
90       );
91     const weather: any = await weatherData.json();
92     console.debug(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - Weather data - %o`, weather);
93
94     return {
95       icon: `https://openweathermap.org/img/w/${weather.weather[0].icon}.png`,
96       temperature: `${weather.main.temp.toFixed(0)}`,
97       high: `${weather.main.temp_max.toFixed(1)}`,
98       low: `${weather.main.temp_min.toFixed(1)}`,
99       windSpeed: `${Math.round(weather.wind.speed * 3.6)} km/h`
100     };
101   } catch (error) {
102     Logger.write(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - ${error}`, LogLevel.Error);
103     console.error(error);
104     return null;
105   }
106 }


```

You, 3 months ago via PR #52 • Added office-locations sample ...

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts • TS officelocation.service.ts •

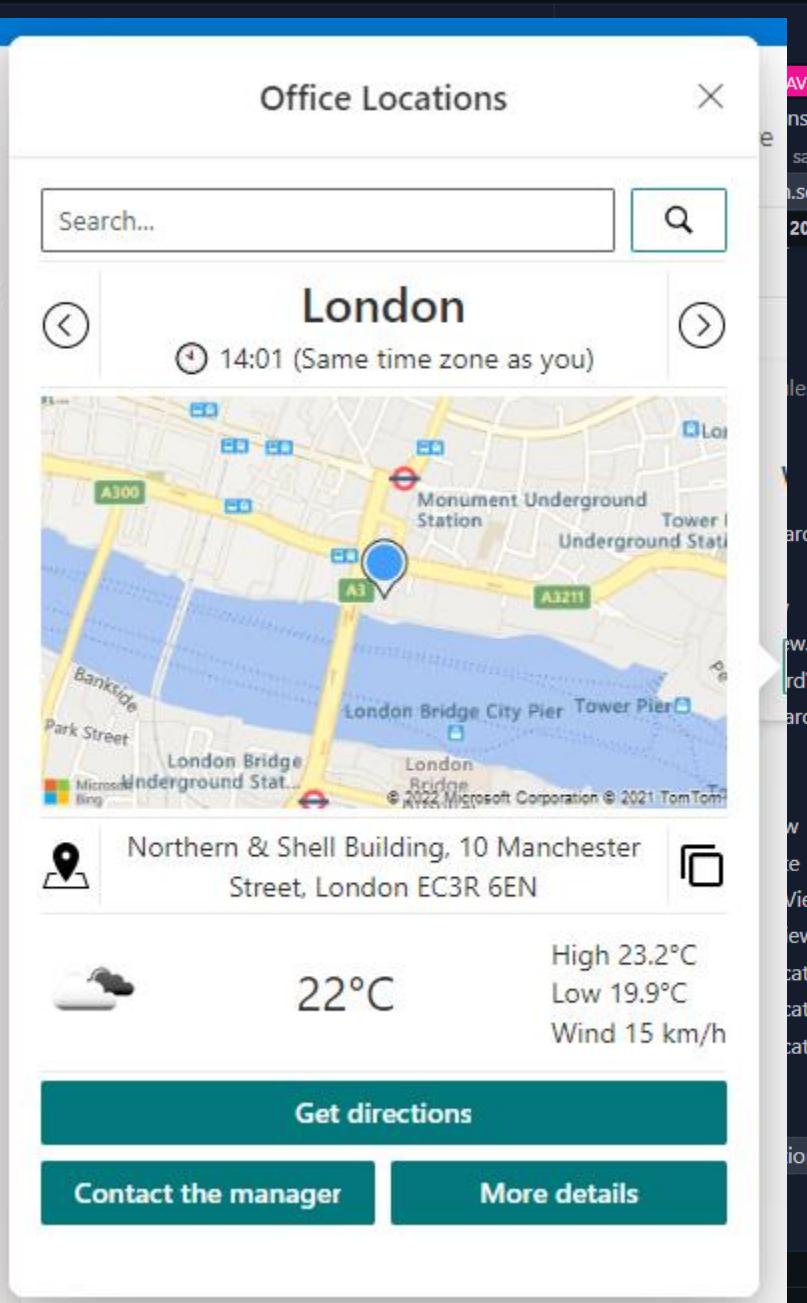
samples > ImageCard-OfficeLocations > src > TS officelocation.service.ts > getOfficeLocationWeatherFromAPI

```

74
75  );
76
77
78 export async function getOfficeLocationWeatherFromAPI(httpClient: any, openWeatherMapApiKey: string, officeLocation: OfficeLocation): Promise<OfficeLocationWeather> {
79   try {
80
81     if (isEmpty(latitude) || isEmpty(longitude)) {
82       Logger.write(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - co-ordinates are empty`);
83       return null;
84     }
85
86     const weatherData = await httpClient
87       .get(
88         `https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${openWeatherMapApiKey}&units=metric`,
89         HttpClient.configurations.v1
90       );
91     const weather: any = await weatherData.json();
92     console.debug(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - Weather data - %o`, weather);
93
94     return {
95       icon: `https://openweathermap.org/img/w/${weather.weather[0].icon}.png`,
96       temperature: `${weather.main.temp.toFixed(0)}°C`,
97       high: `${weather.main.temp_max.toFixed(1)}°C`,
98       low: `${weather.main.temp_min.toFixed(1)}°C`,
99       windSpeed: `${Math.round(weather.wind.speed * 3.6)} km/h`
100    };
101  } catch (error) {
102    Logger.write(`[${LOG_SOURCE}] (getOfficeLocationWeatherFromAPI) - ${error}`, LogLevel.Error);
103    console.error(error);
104    return null;
105  }
106}

```

You, 3 months ago via PR #52 • Added office-locations sample ...



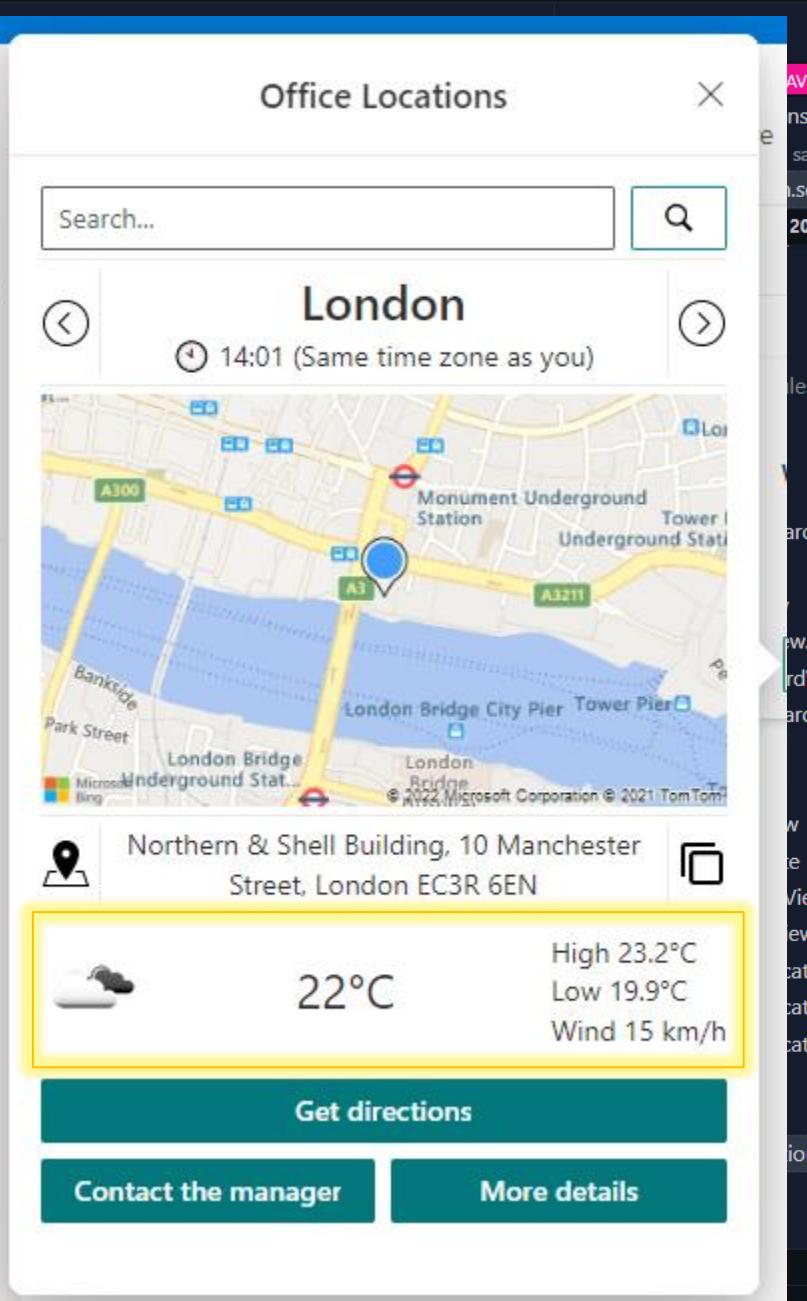
OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts • TS officelocation.service.ts •

```

samples > ImageCard-OfficeLocations > src > TS officelocation.service.ts > getOfficeLocationWeatherFromAPI
74
75  );
76
77
78 export async function getOfficeLocationWeatherFromAPI(httpClient: any, openWeatherMapApiKey: string,
79   try {
80
81     if (isEmpty(latitude) || isEmpty(longitude)) {
82       Logger.write(`[LOG_SOURCE] (getOfficeLocationWeatherFromAPI) - co-ordinates are empty`);
83       return null;
84     }
85
86     const weatherData = await httpClient
87       .get(
88         `https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${openWeatherMapApiKey}`,
89         HttpClient.configurations.v1
90       );
91     const weather: any = await weatherData.json();
92     console.debug(`[LOG_SOURCE] (getOfficeLocationWeatherFromAPI) - Weather data - %o`, weather);
93
94     return {
95       icon: `https://openweathermap.org/img/w/${weather.weather[0].icon}.png`,
96       temperature: `${weather.main.temp.toFixed(0)}°C`,
97       high: `${weather.main.temp_max.toFixed(1)}°C`,
98       low: `${weather.main.temp_min.toFixed(1)}°C`,
99       windSpeed: `${Math.round(weather.wind.speed * 3.6)} km/h`
100    };
101  } catch (error) {
102    Logger.write(`[LOG_SOURCE] (getOfficeLocationWeatherFromAPI) - ${error}`, LogLevel.Error);
103    console.error(error);
104    return null;
105  }
106}

```

You, 3 months ago via PR #52 • Added office-locations sample ...



OfficeLocationsAdaptiveCardExtension.ts • TS officelocation.service.ts

Card-OfficeLocations > src > adaptiveCardExtensions > officeLocations > TS OfficeLocationsAdaptiveCardExtension.ts > OfficeLocationsAdaptiveCardExtension > loadOffices > setTimeout() callback

```

54
55     if (offices === null) {
56         this.setState({
57             cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
58             errorMessage: "Please check logs"
59         });
60         this.cardNavigator.replace(this.state.cardViewToRender);
61         return;
62     }
63
64     offices = sortBy(offices, (office: Office) => office.name);
65
66     offices.forEach(office => {
67         office.chatWithManagerLink = !isEmpty(office.managerEmailAddress) ?
68             `https://teams.microsoft.com/l/chat/0/0?users=${office.managerEmailAddress}` : null;
69         office.time = null;
70         office.gotWeather = false;
71         office.gotMap = false;
72         office.weather = null;
73     });
74
75     this.setState({
76         offices,
77         filteredOffices: offices.map(office => ({ uniqueId: office.uniqueId, address: office.address })),
78         cardViewToRender: CARD_VIEW_REGISTRY_ID
79     });
80
81     if (this.properties.showSearch) {
82
83         const fuse = await import(
84             /* webpackChunkName: 'fuse-js' */
85             'fuse.js'
86         ); 16.4k (gzipped: 5.6k)
87
88         this.properties.fuse = new fuse.default(offices, {
89             keys: ['name', 'address'],
90             includeScore: true
91         });
92     }
93 
```

You, 2 months ago via PR #53 · Updated PnP JS to v3, code splitting fuse, luxon ...

EXPLORER

OPEN EDITORS 1 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts sa...
- officelocation.service.ts samples/ImageCard-Of...

SP-DEV-FX-ACES [SSH: 20.108.241.11]

- ImageCard-HideACE
- ImageCard-HybridWork-Checkin
- ImageCard-OfficeLocations
- .vscode
- assets
- config
- deployment
- dist
- fast-serve
- lib
- node_modules
- release
- sharepoint
- src
 - adaptiveCardExtensions / officeLocations
 - assets
 - cardView
 - listView
 - loc
 - quickView
 - OfficeLocationsAdaptiveCardExtension....
 - OfficeLocationsAdaptiveCardExtension.ts
 - OfficeLocationsPropertyPane.ts
 - icons.ts
 - index.ts
 - officelocation.service.ts
 - types.ts
 - temp

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS officelocation.service.ts

```
Card-OfficeLocations > src > adaptiveCardExtensions > officeLocations > TS OfficeLocationsAdaptiveCardExtension.ts > OfficeLocationsAdaptiveCardExtension
54
55     if (offices === null) {
56         this.setState({
57             cardViewToRender: ERROR_CARD_VIEW_REGISTRY_ID,
58             errorMessage: "Please check logs"
59         });
60         this.cardNavigator.replace(this.state.cardViewToRender);
61         return;
62     }
63
64     offices = sortBy(offices, (office: Office) => office.name);
65
66     offices.forEach(office => {
67         office.chatWithManagerLink = !isEmpty(office.managerEmailAddress) ?
68             `https://teams.microsoft.com/l/chat/0/0?users=${office.managerEmailAddress}` : null;
69         office.time = null;
70         office.gotWeather = false;
71         office.gotMap = false;
72         office.weather = null;
73     });
74
75     this.setState({
76         offices,
77         filteredOffices: offices.map(office => ({ uniqueId: office.uniqueId, address: office.address })),
78         cardViewToRender: CARD_VIEW_REGISTRY_ID
79     });
80
81     if (this.properties.showSearch) {
82
83         const fuse = await import(
84             /* webpackChunkName: 'fuse-js' */
85             'fuse.js'
86         ); 16.4k (gzipped: 5.6k)
87
88         this.properties.fuse = new fuse.default(offices, {
89             keys: ['name', 'address'],
90             includeScore: true
91         });
92     }
93
94     You, 2 months ago via PR #53 • Updated PnP JS to v3, code splitting fuse, luxon ...
```

EX

PILOTER

OPEN EDITORS 1 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts* *samples/ImageCard-Of...*

-DEV-FX-ACES [SSH: 20.108.241.11]

- ImageCard-HideACE
 - ImageCard-HybridWork-Checkin
 - ImageCard_OfficialMeetings

— 2 —

- assets config

■ deployment

- dist
fast-serve
lib

 node_modu

- ```
release
sharepoint
src
```

/ ada

- >  assets
  - >  cardView
  - >  listView
  - >  loc
  - >  quickView

{ } OfficialLocationsAdaptiveCardExt

- TS\_OfficeLocationsAdaptiveCardExtension

TS Office 2023

- TS icons.ts  
TS index.ts  
TS ssr.ts

15 / 16

- temp

LINE

- LINE

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts • TS officelocation.service.ts •

↔ O -O -O ⏹ ⏹ ...

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > formatTimeUsingOffset

```

13 if ((<ISubmitActionArguments>action).type === 'Submit') {
14 const submitAction = <ISubmitActionArguments>action;
15 const { id, searchText } = submitAction.data;
16
17 switch (id) {
18 case 'previous':
19 this.properties.stopPollingForTime();
20 let prevOfficeIndex: number = currentOfficeIndex - 1;
21 prevOfficeIndex = (prevOfficeIndex < 0) ? (totalNumberOfOffices - 1) : prevOfficeIndex;
22 this.setState({ currentOfficeIndex: prevOfficeIndex });
23 break;
24
25 case 'next':
26 this.properties.stopPollingForTime();
27 let nextOfficeIndex: number = currentOfficeIndex + 1;
28 nextOfficeIndex = (nextOfficeIndex < totalNumberOfOffices) ? nextOfficeIndex : 0;
29 this.setState({ currentOfficeIndex: nextOfficeIndex });
30 break;
31
32 case 'search':
33 this.properties.stopPollingForTime();
34 let searchTextEntered = isEmpty(searchText) ? "" : searchText;
35 this.setState({
36 searchText: searchTextEntered,
37 currentOfficeIndex: 0,
38 filteredOffices:
39 isEmpty(searchText) ?
40 this.getOfficesWithLimitedProps() :
41 this.properties.fuse.search(searchText)?.map(o => ({ uniqueId: o.item.uniqueId, address: o.item.address }))
42 });
43 break;
44
45 case 'clear':
46 this.properties.stopPollingForTime();
47 this.setState({
48 searchText: "",
49 currentOfficeIndex: 0,
50 filteredOffices: this.getOfficesWithLimitedProps()
51 });
52 break;

```

EXPLORER

OPEN EDITORS 3 UNSAVED

- OfficeLocationsAdaptiveCardExtension.ts sa...
- QuickView.ts samples/ImageCard-OfficeLocati...
- officelocation.service.ts samples/ImageCard...

SP-DEV-FX-ACES [SSH: 20.108.241.11] 🔍 🗂️ 🗃️

- dist
- fast-serve
- lib
- node\_modules
- release
- sharepoint
- src
  - adaptiveCardExtensions/officeLocations
    - assets
    - cardView
      - CardView.ts
      - ErrorCardView.ts
      - SetupCardView.ts
    - listView
    - loc
  - quickView
    - template
      - QuickViewTemplate.json
      - QuickView.ts
- temp

OUTLINE

TIMELINE

VIRTUAL MACHINES

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts • TS officelocation.service.ts •

```
13 if ((<ISubmitActionArguments>action).type === 'Submit') {
14 const submitAction = <ISubmitActionArguments>action;
15 const { id, searchText } = submitAction.data;
16
17 switch (id) {
18 case 'previous':
19 this.properties.stopPollingForTime();
20 let prevOfficeIndex: number = currentOfficeIndex - 1;
21 prevOfficeIndex = (prevOfficeIndex < 0) ? (totalNumberOfOffices - 1) : prevOfficeIndex;
22 this.setState({ currentOfficeIndex: prevOfficeIndex });
23 break;
24
25 case 'next':
26 this.properties.stopPollingForTime();
27 let nextOfficeIndex: number = currentOfficeIndex + 1;
28 nextOfficeIndex = (nextOfficeIndex < totalNumberOfOffices) ? nextOfficeIndex : 0;
29 this.setState({ currentOfficeIndex: nextOfficeIndex });
30 break;
31
32 case 'search':
33 this.properties.stopPollingForTime();
34 let searchTextEntered = isEmpty(searchText) ? "" : searchText;
35 this.setState({
36 searchText: searchTextEntered,
37 currentOfficeIndex: 0,
38 filteredOffices:
39 isEmpty(searchText) ?
40 this.getOfficesWithLimitedProps() :
41 this.properties.fuse.search(searchText)?.map(o => ({ uniqueId: o.item.uniqueId, address: o.item.ad
42 });
43 break;
44
45 case 'clear':
46 this.properties.stopPollingForTime();
47 this.setState({
48 searchText: "",
49 currentOfficeIndex: 0,
50 filteredOffices: this.getOfficesWithLimitedProps()
51);
52 break;
53 }
54 }
```

• ⌂ ⌂ ⌂ ⌂ ⌂ ...

XPLORER

**OPEN EDITORS** 3 UNSAVED

- ```
s OfficeLocationsAdaptiveCardExtension.ts sa...
s QuickView.ts samples/ImageCard-OfficeLocati...
s officelocation.service.ts samples/ImageCard-...
```

P-DEV-FX-ACES [SSH: 20.108.241.11]

- The screenshot shows a file explorer interface with the following structure:

 - dist
 - fast-serve
 - lib
 - node_modules
 - release
 - sharepoint
 - src
 - adaptiveCardExtensions / officeLocations
 - assets
 - cardView
 - CardView.ts
 - ErrorCardView.ts
 - SetupCardView.ts
 - listView
 - loc
 - quickView
 - template
 - QuickViewTemplate.json
 - QuickView.ts

```
{ } OfficeLocationsAdaptiveCardExtension....  
TS OfficeLocationsAdaptiveCardExtension.ts  
TS OfficeLocationsPropertyPane.ts  
TS icons.ts  
TS index.ts  
TS officelocation.service.ts  
TS types.ts  
>  temp
```

OfficeLocationsAdaptiveCardExtension.ts • TS QuickView.ts • TS officelocation.service.ts •

samples > ImageCard-OfficeLocations > src > adaptiveCardExtensions > officeLocations > quickView > TS QuickView.ts > QuickView > formatTimeUsingOffset

```

13 if ((<ISubmitActionArguments>action).type === 'Submit') {
14   const submitAction = <ISubmitActionArguments>action;
15   const { id, searchText } = submitAction.data;
16
17   switch (id) {
18     case 'previous':
19       this.properties.stopPollingForTime();
20       let prevOfficeIndex: number = currentOfficeIndex - 1;
21       prevOfficeIndex = (prevOfficeIndex < 0) ? (totalNumberOfOffices - 1) : prevOfficeIndex;
22       this.setState({ currentOfficeIndex: prevOfficeIndex });
23       break;
24
25     case 'next':
26       this.properties.stopPollingForTime();
27       let nextOfficeIndex: number = currentOfficeIndex + 1;
28       nextOfficeIndex = (nextOfficeIndex < totalNumberOfOffices) ? nextOfficeIndex : 0;
29       this.setState({ currentOfficeIndex: nextOfficeIndex });
30       break;
31
32     case 'search':
33       this.properties.stopPollingForTime();
34       let searchTextEntered = isEmpty(searchText) ? "" : searchText;
35       this.setState({
36         searchText: searchTextEntered,
37         currentOfficeIndex: 0,
38         filteredOffices:
39           isEmpty(searchText) ?
40             this.getOfficesWithLimitedProps() :
41             this.properties.fuse.search(searchText)?.map(o => ({ uniqueId: o.item.uniqueId, address: o.item.address }))});
42       break;
43
44     case 'clear':
45       this.properties.stopPollingForTime();
46       this.setState({
47         searchText: "",
48         currentOfficeIndex: 0,
49         filteredOffices: this.getOfficesWithLimitedProps()
50       });
51       break;
52

```

↔ O -O -O ⏹ ⏹ ...

EXPLORER

OPEN EDITORS 3 UNSAVED

- TS OfficeLocationsAdaptiveCardExtension.ts sa...
- TS QuickView.ts samples/ImageCard-OfficeLocati...
- TS officelocation.service.ts samples/ImageCard...

SP-DEV-FX-ACES [SSH: 20.108.241.11] 🔍 🗂️ 🗃️

- > dist
- > fast-serve
- > lib
- > node_modules
- > release
- > sharepoint
- > src
 - adaptiveCardExtensions / officeLocations
 - > assets
 - > cardView
 - TS CardView.ts
 - TS ErrorCardView.ts
 - TS SetupCardView.ts
 - > listView
 - > loc
 - > quickView
 - > template
 - { } QuickViewTemplate.json
 - TS QuickView.ts
 - { } OfficeLocationsAdaptiveCardExtension....
 - TS OfficeLocationsAdaptiveCardExtension.ts
 - TS OfficeLocationsPropertyPane.ts
 - TS icons.ts
 - TS index.ts
 - TS officelocation.service.ts
 - TS types.ts
 - > temp
- > OUTLINE
- > TIMELINE
- > VIRTUAL MACHINES

Building ACEs

Getting started
on building
**Microsoft Viva
Connection**
adaptive card
components
using SharePoint
Framework



Wednesday, November 3 | 8:30 AM – 9:45 AM PDT



Get started with Microsoft
Viva Connections Extensibility

Vesa Juvonen, Principal Program Manager
Waldek Mastykarz, Cloud Developer Advocate

<https://aka.ms/CONLL112>



A screenshot of the PlaSys Tech Bites YouTube channel page. The channel has 1.61K subscribers. The main video thumbnail shows a man with glasses. Below the video, there's a welcome message from the channel owner. The video list shows several episodes related to SharePoint and Microsoft 365 development, such as "Episode #205 - Using the PrP Carousel control in SPFx", "Episode #204 - Using the PrP Listview control in SPFx", and "Episode #203 - Using the PrP People Picker control in SPFx".

Resources

- <https://github.com/pnp/sp-dev-fx-aces/tree/main/samples/ImageCard-OfficeLocations>
- https://www.youtube.com/watch?v=KQGsY5fvLaY&ab_channel=Microsoft365Community
- <https://aka.ms/CONLL112>
- <https://www.youtube.com/c/PiaSysTechBites>

