



78-research-generator-next

SUMMARY

- ☐ FIX Guide generate-your-first-project wrong import
- ☐ FIX Guide generate-your-first-project console.log outputFolder is wrong
- ☐ FIX Guide project-generators/publishers.html#disk wrong sample
- ☐ FIX UIDL name not affect GeneratedFolder name (default teleport-project)

 docs.teleporthq.io/guides/generate-your-first-project.html

 Try our Playground

Then you can use the `teleport-project-generator-next` package in any JS/TS file, like this:

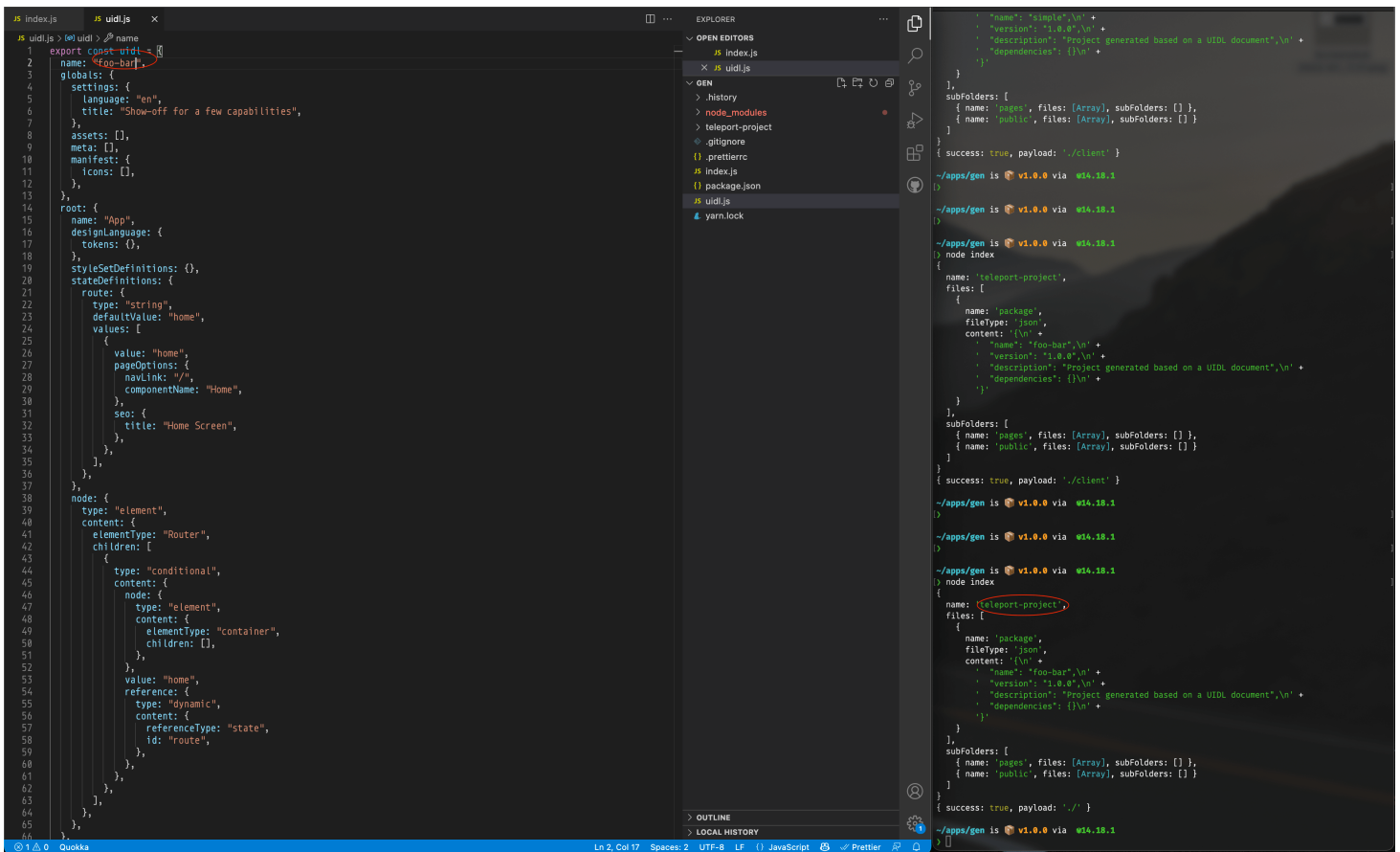
```
import nextGenerator from "@teleporthq/teleport-project-generator-next"

const uidl = {
  /* your uidl sample */
}

const result = await nextGenerator.generateProject(uidl)

console.log(result.outputFolder)
```

js



BRIEF

- ✓ SETUP Folders
- ✓ RESEARCH Default project UIDL
- ✓ ADD Generator
- ✓ ADD Disk publisher

SETUP Folders

<https://docs.teleporthq.io/guides/generate-your-first-project.html>

```
cd dev/javascript/teleporthq/issues/78-research-generator-next
mkdir -p apps/gen
cd apps/gen
yarn init
yarn add @teleporthq/teleport-project-generator-next
```

- ✓ Switch package.json type to module

RESEARCH Default project UIDL

<https://github.com/teleporthq/teleport-code-generators/blob/development/examples/uidl-samples/project.json>

ADD Generator

```
// uidl.js
```

```
...
```

```
// index.js
```

```
import nextGenerator from "@teleporthq/teleport-project-generator-next"
import {uidl} from "../uidl"

const result = await nextGenerator.generateProject(uidl)

console.log(result.outputFolder)
```

RUN [FAILED]

```
TypeError: nextGenerator.generateProject is not a function
```

Looks like docs outdated

RESEARCH teleport-code-generators

```
git clone git@github.com:teleporthq/teleport-code-generators.git
nvm use 16
yarn
yarn build
```

Build time 1m1s

```
@teleporthq/teleport-project-generator-next export {createNextProjectGenerator}
```

FIX Generator import

```
import {createNextProjectGenerator} from "@teleporthq/teleport-project-generator-next"
import {uidl} from "./uidl.js"

const nextGenerator = createNextProjectGenerator()
const result = await nextGenerator.generateProject(uidl)

console.log(result.outputFolder)
```

result.outputFolder undefined

There is no outputFolder. result is GeneratedFolder

FIX Generator result

```
import {createNextProjectGenerator} from "@teleporthq/teleport-project-generator-next"
import {uidl} from "./uidl.js"

const nextGenerator = createNextProjectGenerator()
const result = await nextGenerator.generateProject(uidl)

console.log(result)
```

ADD Disk publisher

```
yarn add @teleporthq/teleport-publisher-disk
```

```
import {createNextProjectGenerator} from "@teleporthq/teleport-project-generator-next"
import DiskPublisher from "@teleporthq/teleport-publisher-disk"
import {uidl} from "./uidl.js"

const nextGenerator = createNextProjectGenerator()
const project = await nextGenerator.generateProject(uidl)

console.log(project)

const result = await DiskPublisher.publish({
  project,
  outputPath: `./client`,
})

console.log(result)
```

TypeError: DiskPublisher.publish is not a function

FIX Disk publisher

```
import {createNextProjectGenerator} from "@teleporthq/teleport-project-generator-next"
import {createDiskPublisher} from "@teleporthq/teleport-publisher-disk"
import {uidl} from "./uidl.js"

const nextGenerator = createNextProjectGenerator()
const project = await nextGenerator.generateProject(uidl)

console.log(project)

const diskPublisher = createDiskPublisher()

const result = await diskPublisher.publish({
  project,
  outputPath: `./`,
})

console.log(result)
```

ASSETS

// uidl.js

```
export const uidl = {
  name: "foo-bar",
  globals: {
    settings: {
      language: "en",
      title: "Show-off for a few capabilities",
    },
    assets: [],
    meta: [],
    manifest: {
      icons: [],
    },
  },
  root: {
    name: "App",
    designLanguage: {
      tokens: {},
    },
    styleSetDefinitions: {},
    stateDefinitions: {
      route: {
        type: "string",
        defaultValue: "home",
        values: [
          {
            value: "home",
            pageOptions: {
              navLink: "/",
              componentName: "Home",
            },
            seo: {
              title: "Home Screen",
            },
          },
        ],
      },
    },
  },
  node: {
    type: "element",
    content: {
      elementType: "Router",
      children: [
        {
          type: "conditional",
          content: {
            node: {
              type: "element",
              content: {
                elementType: "container",
                children: [],
              },
            },
          },
        },
      ],
    },
  },
}
```

```
    },
  },
  value: "home",
  reference: {
    type: "dynamic",
    content: {
      referenceType: "state",
      id: "route",
    },
  },
},
},
},
},
},
},
},
},
},
},
components: {},
}
```