🏠   Libraries   **Developer tools**

Version: 6.x

Developer tools

Developer tools to make debugging easier when using React Navigation.

To use the developer tools, install `@react-navigation/devtools`:

npm   Yarn

```
npm install @react-navigation/devtools
```

Hooks from this package only work during development and are disabled in production. You don't need to do anything special to remove them from the production build.

API Definition

The package exposes the following APIs:

`useFlipper`

This hook provides integration with Flipper for React Native apps.

> This doesn't work in Expo managed apps since they don't support Flipper.
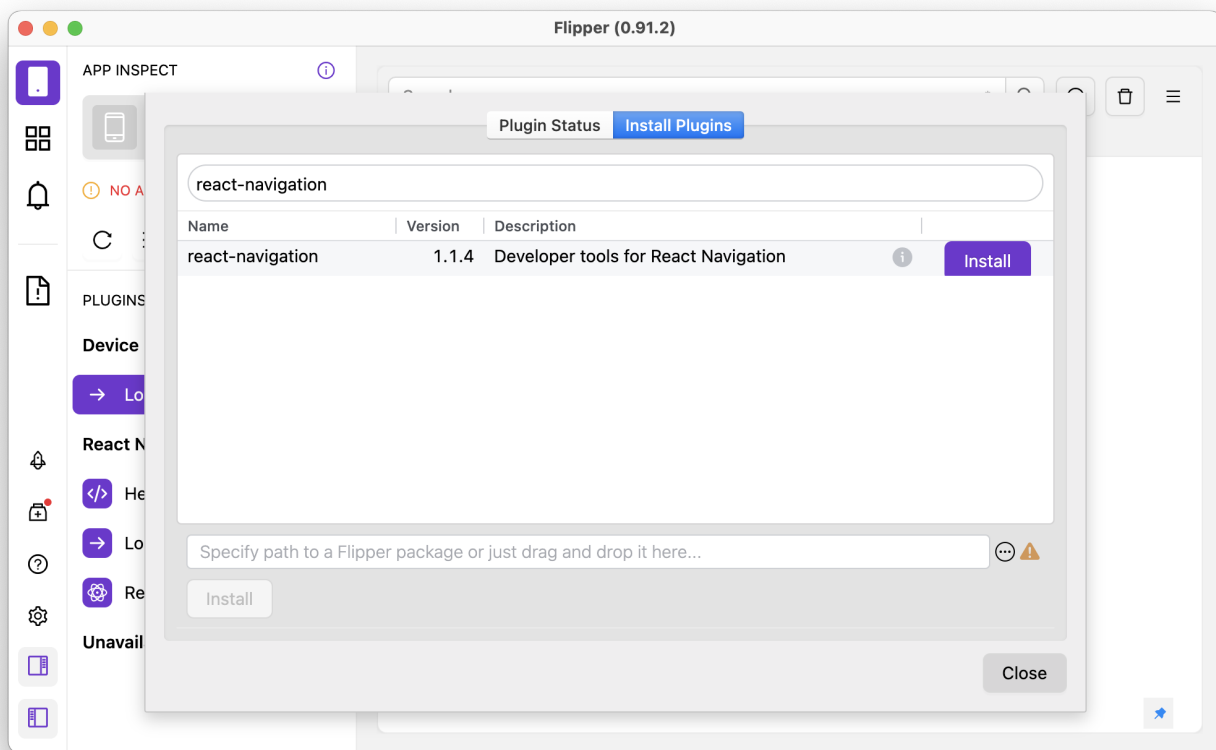
To be able to use this hook, you need to:

- Configure Flipper in your React Native app if it's not configured already

- Install the `react-native-flipper` package in your app:

npm   Yarn

```
npm install --save-dev react-native-flipper
```

- Install the `react-navigation` plugin in the Flipper app

Usage:

To use the hook, import it and pass a `ref` to the `NavigationContainer` as its argument:

```
import * as React from 'react';
import { NavigationContainer, useNavigationContainerRef } from '@react-navigation/native';
import { useFlipper } from '@react-navigation/devtools';

export default function App() {
  const navigationRef = useNavigationContainerRef();

  useFlipper(navigationRef);

  return (
    <NavigationContainer ref={navigationRef}>{/* ... */}</NavigationContainer>
```
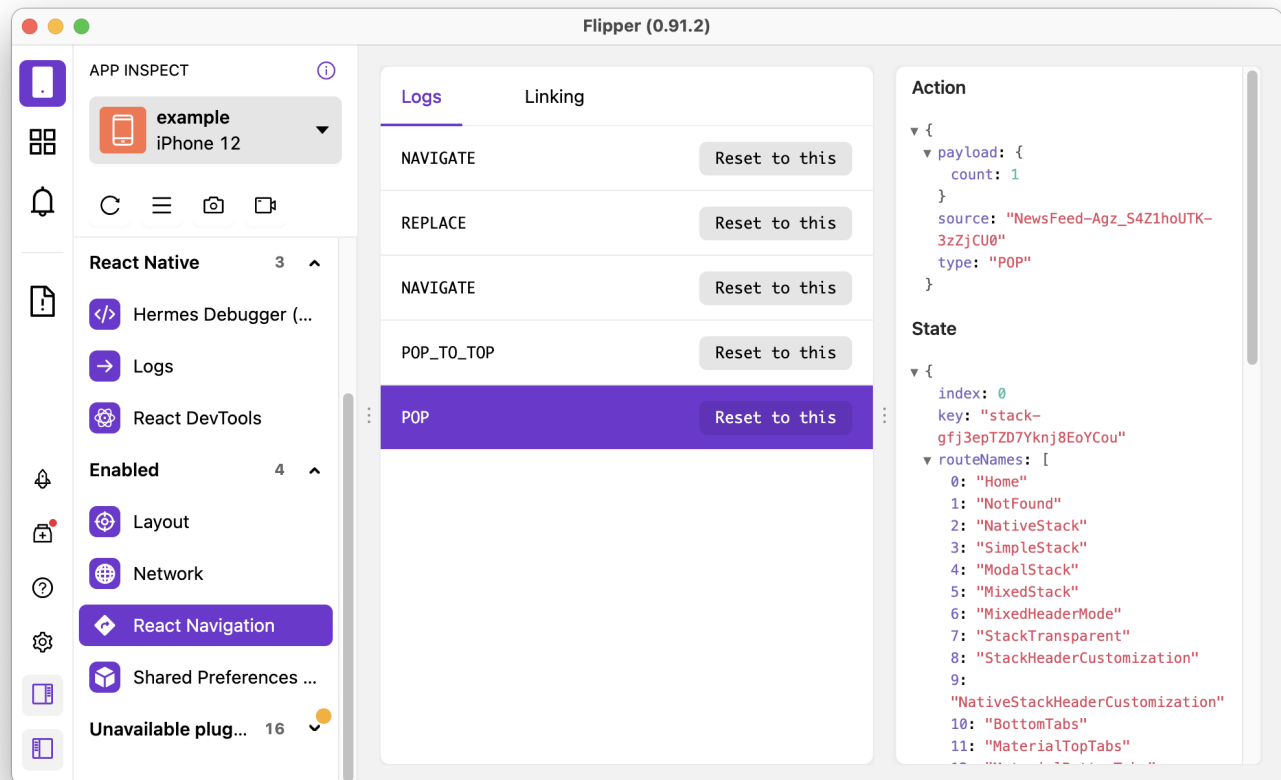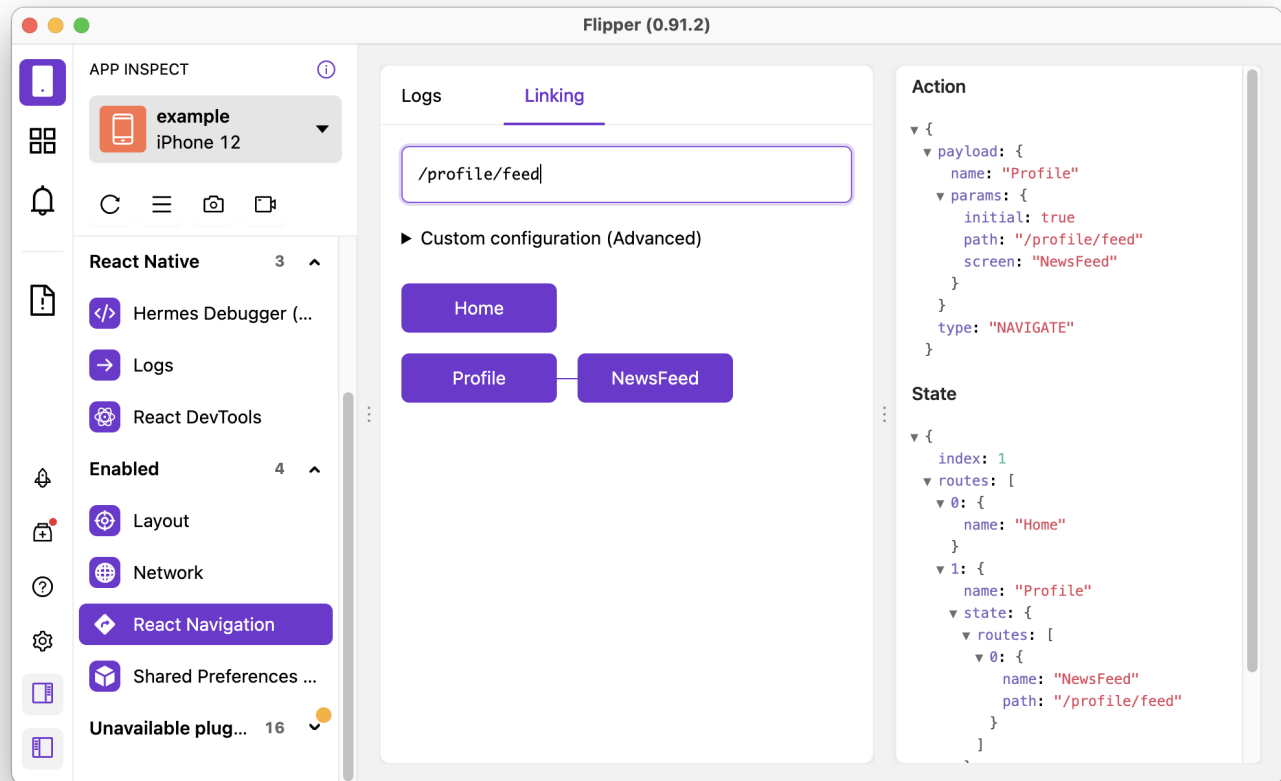
```
    );
  }
```

Now, you'll be able to use the React Navigation devtools in Flipper whenever your device is connected to Flipper.

useReduxDevToolsExtension

This hook provides integration with Redux DevTools Extension. It also works with `React Native Debugger app` which includes this extension.

Usage:

To use the hook, import it and pass a `ref` to the `NavigationContainer` as its argument:

```
import * as React from 'react';
import { NavigationContainer, useNavigationContainerRef } from '@react-navigation/native';
import { useReduxDevToolsExtension } from '@react-navigation/devtools';

export default function App() {
  const navigationRef = useNavigationContainerRef();

  useReduxDevToolsExtension(navigationRef);

  return (
```

```
    <NavigationContainer ref={navigationRef}>{/* ... */}</NavigationContainer>
  );
}
```

Now, you'll be able to see logs from React Navigation in Redux DevTools Extension, e.g. when you're debugging your app with React Native Debugger app.

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