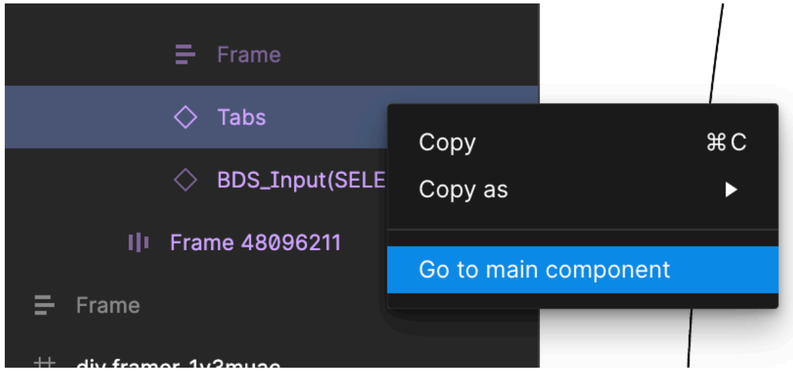
Integrating BDS with Bookipi Web App

2024/04/23 JS Park

Development cycle

https://stage-design-system.payroller.com.au/

BDS



implement base on
Figma Shape & Props

Check from Figma Main component
Refer Docs for Behavior

Global Design Guide
Main components

Figma

import {component} from
‘@bookipi/bds’

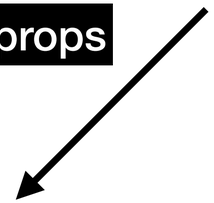
Product

Development cycle

https://stage-design-system.payroller.com.au/

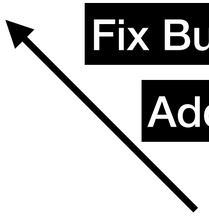
BDS

Align props



Fix Bugs & Expand behavior

Add missing component



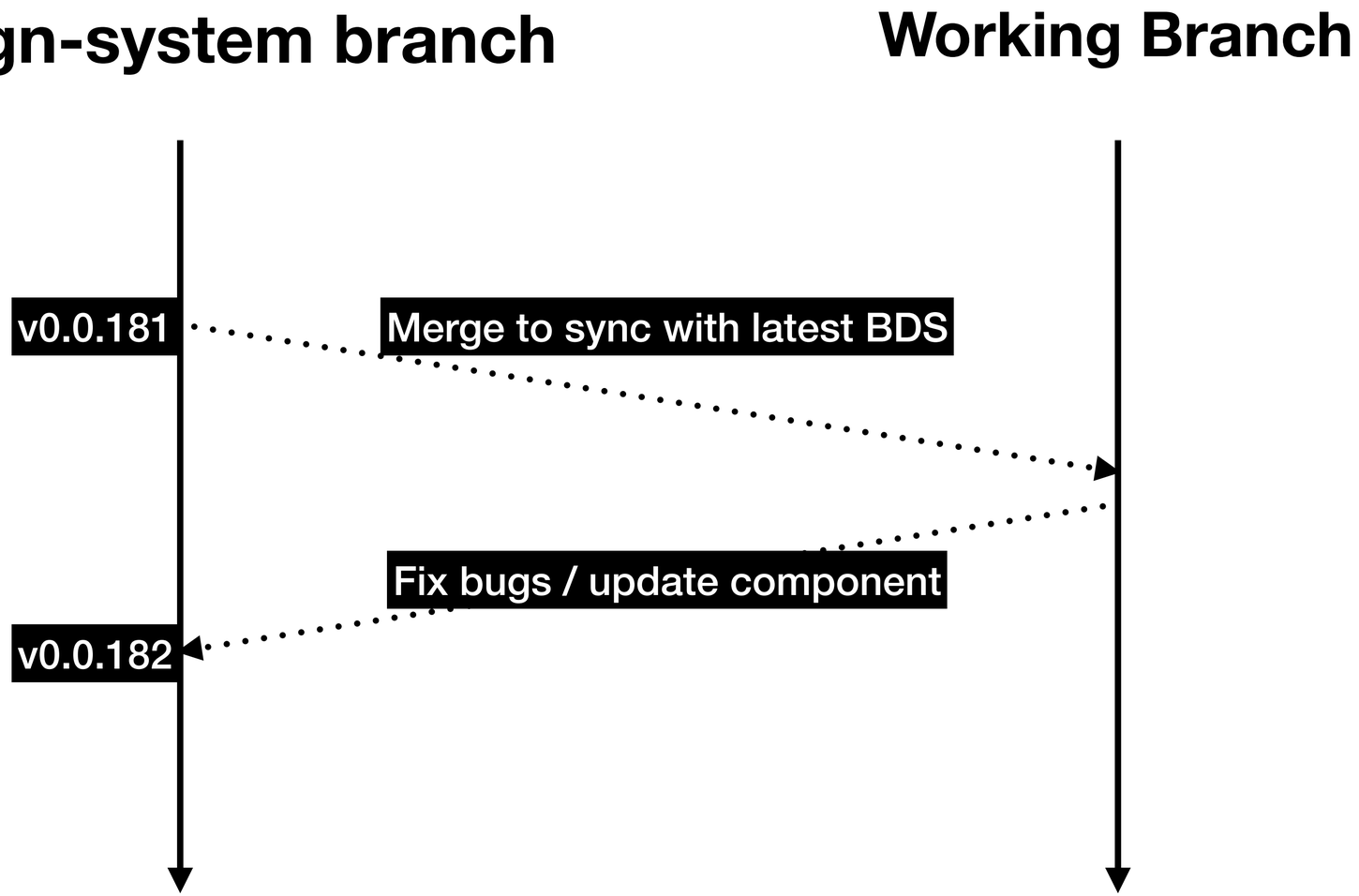
Global Design Guide
Main components

Figma

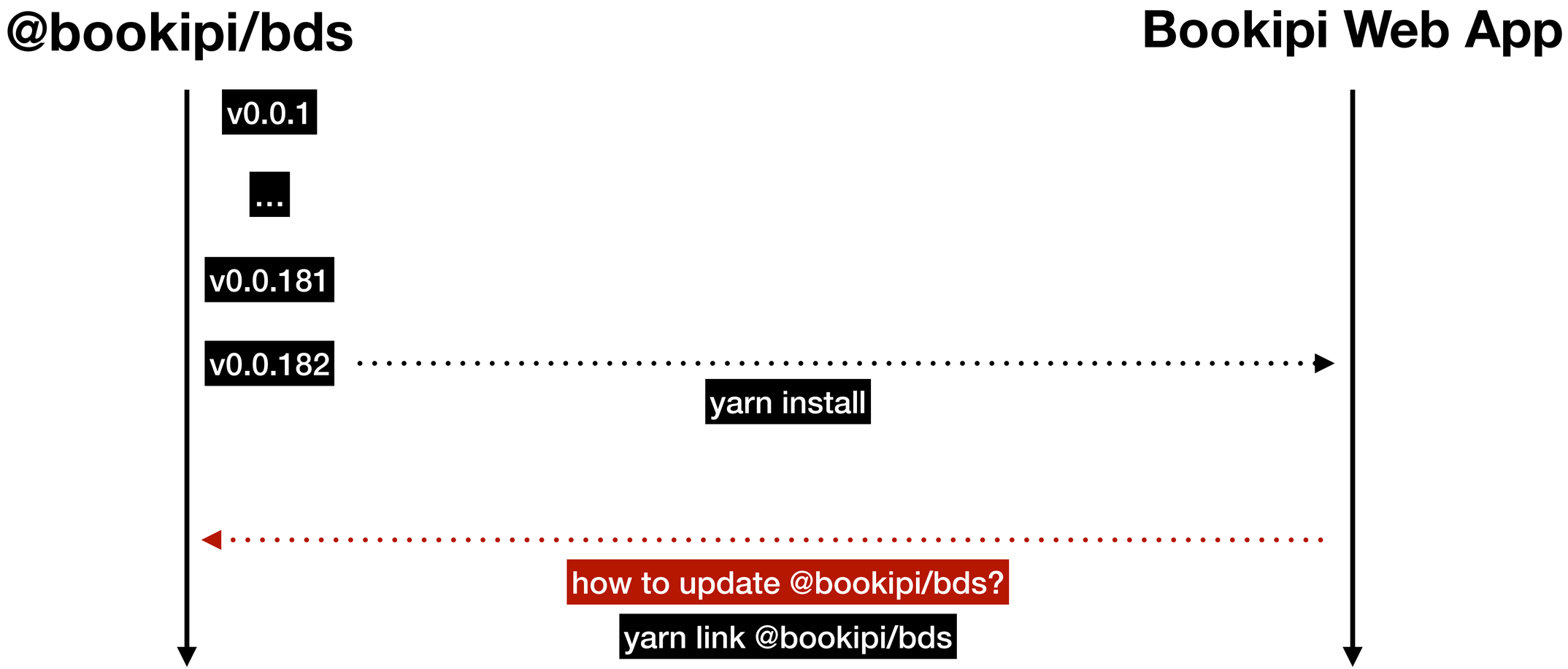
import {component} from ‘@bookipi/bds’

Product

Payroller


design-system branch
Working Branch
v0.0.181
Merge to sync with latest BDS
Fix bugs / update component
v0.0.182

Bookipi


@bookipi/bds
Bookipi Web App
v0.0.1
...
v0.0.181
v0.0.182
yarn install
how to update @bookipi/bds?
yarn link @bookipi/bds

Error

ERROR

```
Cannot read properties of null (reading 'useState')
TypeError: Cannot read properties of null (reading 'useState')
    at useState (http://localhost:3000/static/js/vendors-payroller-web-
partial_node_modules_capacitor_geolocation_dist_esm_index_js-payroller--db0159.chunk.js:33730:25)
    at useDimensions (webpack://@bookipi/bds/./src/hooks/useDimensions.ts?:23:66)
    at DocumentsNew (http://localhost:3000/static/js/src_views_DocumentList_index_js.chunk.js:3866:83)
    at renderWithHooks (http://localhost:3000/static/js/bundle.js:145075:22)
    at mountIndeterminateComponent (http://localhost:3000/static/js/bundle.js:148359:17)
    at beginWork (http://localhost:3000/static/js/bundle.js:149655:20)
    at HTMLUnknownElement.callCallback (http://localhost:3000/static/js/bundle.js:134671:18)
    at HTMLUnknownElement.sentryWrapped (http://localhost:3000/static/js/bundle.js:45663:17)
    at Object.invokeGuardedCallbackDev (http://localhost:3000/static/js/bundle.js:134715:20)
    at invokeGuardedCallback (http://localhost:3000/static/js/bundle.js:134772:35)
    at beginWork$1 (http://localhost:3000/static/js/bundle.js:154636:11)
    at performUnitOfWork (http://localhost:3000/static/js/bundle.js:153884:16)
    at workLoopConcurrent (http://localhost:3000/static/js/bundle.js:153872:9)
    at renderRootConcurrent (http://localhost:3000/static/js/bundle.js:153840:11)
    at performConcurrentWorkOnRoot (http://localhost:3000/static/js/bundle.js:153175:42)
    at workLoop (http://localhost:3000/static/js/bundle.js:173970:38)
    at flushWork (http://localhost:3000/static/js/bundle.js:173948:18)
    at MessagePort.performWorkUntilDeadline (http://localhost:3000/static/js/bundle.js:174185:25)
```

@bookipi/bds have it’s own react/react-dom
bookipi-web-account also have react/react-dom

Error

Duplicate React

In order for Hooks to work, the `react` import from your application code needs to resolve to the same module as the `react` import from inside the `react-dom` package.

If these `react` imports resolve to two different exports objects, you will see this warning. This may happen if you **accidentally end up with two copies** of the `react` package.

This problem can also come up when you use `npm link` or an equivalent. In that case, your bundler might "see" two Reacts — one in application folder and one in your library folder. Assuming `myapp` and `mylib` are sibling folders, one possible fix is to run `npm link ../myapp/node_modules/react` from `mylib`. This should make the library use the application's React copy.

https://legacy.reactjs.org/warnings/invalid-hook-call-warning.html
https://medium.com/bbc-product-technology/solving-the-problem-with-npm-link-and-react-hooks-266c832dd019

How to fix

yarn link @bookipi/bds

yarn link react
yarn link react-dom
yarn link framer-motion

```
  echo "Linking BDS.."
  # Step 1: Register BDS
  cd "$BDS_PATH"
  yarn link

  # Step 2: Register React dependencies to BDS
  cd "$BOOKIPI_PATH/node_modules/react"
  yarn link
  cd "$BOOKIPI_PATH/node_modules/react-dom"
  yarn link
  cd "$BOOKIPI_PATH/node_modules/framer-motion"
  yarn link
  cd "$BDS_PATH"
  yarn link react
  yarn link react-dom
  yarn link framer-motion

  # Step 3: Use linked BDS in Bookipi Web App
  cd "$BOOKIPI_PATH"
  yarn link @bookipi/bds

  echo "BDS and React dependencies have been linked successfully."
```