

React Native monorepo

Unless explicitly specified, the work directory in Terminal defaults to ``<RN_APP_ROOT>``

I haven't found a solution for customizing the path to metro.config.js so my solution by now is to generate `app.json` and `index.js` with a shell script `build-prep.sh`.

When we run

...

```
./build-prep.sh app app . .
```

...

an `app.json` will be created with contents

...

```
{
  "name": "app",
  "displayName": "app"
}
```

...

and an `index.js` will be created with contents

...

```
/**
```

```
 * @format
```

```
 */
```

```
import {AppRegistry} from 'react-native';
import {name as appName} from './app.json';
import {App} from './targets/app/App';
```

```
AppRegistry.registerComponent(appName, () => App);
```

...

And similarly, when we run for app2

...

```
./build-prep.sh app2 app2 . .
```

...

an `app.json` will be created with contents

...

```
{
  "name": "app2",
  "displayName": "app2"
}
```

...

and an `index.js` will be created with contents

...

```
/**
 * @format
 */
```

```
import {AppRegistry} from 'react-native';
import {name as appName} from './app.json';
import {App} from './targets/app2/App';
```

```
AppRegistry.registerComponent(appName, () => App);
...

```

Note that in `AppDelegate.mm`, `self.moduleName` must match the value of `name` in `app.json`. e.g. for `app2`, in `ios/app2/AppDelegate.mm`:

```
self.moduleName = @"app2";
...

```

And similarly, in `MainActivity.java`, `getMainComponentName` must also match the value of `name` in `app.json`. e.g. for `app2`, in `android/app2/src/main/java/com/app/MainActivity.java`,

```
@Override
protected String getMainComponentName() {
    return "app2"; // Change this to "app2" to load "app2"'s JS bundle
}
...

```