

Code Push

Code Push

CodePush is a cloud service that enables Cordova and React Native developers to deploy mobile app updates directly to their users' devices.

Code Push

Getting Started

Step 1: install cli

```
npm install -g code-push-cli
```

Code Push

Getting Started

Step 2. Code Push account

`code-push register`

Code Push

Getting Started

Step 3. Login if not already signed in after registration

```
code-push login
```

Code Push

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Step 4. Add app to your Code Push Account

```
code-push app add <appName> <os> <platform>
```

```
RnTest: code-push app add RnTest  
Successfully added the "RnTest" app, along with the following default d  
eployments:
```

Name	Deployment Key
Production	Dd_1nt24k0H10Us4pVWoynVUSM7dN1af8__tx
Staging	3N2Tbc0U8yPc67NzPUEhLDzhBonAN1af8__tx

MyAppName is just a reference, and can be any name at all.

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Getting Started

Keys can also be retrieved at any time:

```
code-push deployment ls <appName> -k
```

```
RnTest: code-push app add RnTest
```

```
Successfully added the "RnTest" app, along with the following default deployments:
```

Name	Deployment Key
Production	Dd_1nt24k0H10Us4pVWoynVUSM7dN1af8__tx
Staging	3N2Tbc0U8yPc67NzPU EhLDzhBonAN1af8__tx

Code Push

Step 5. Install Code Push into project

```
npm install --save react-native-code-push@latest
```


Code Push

Step 6: Link native library to project

```
react-native link react-native-code-push
```

Code Push

Pass in keys you would like to use in your app

```
? What is your CodePush deployment key for Android (hit <ENTER> to ignore) Dd_1nt24k0H10Us4pVWoynVUSM7dN1af8__tx
rnpm-install info Linking react-native-code-push android dependency
rnpm-install info Android module react-native-code-push has been successfully linked
rnpm-install info Linking react-native-code-push ios dependency
rnpm-install WARN ERRGROUP Group 'Frameworks' does not exist in your Xcode project. We have created it automatically for you.
rnpm-install info iOS module react-native-code-push has been successfully linked
? What is your CodePush deployment key for iOS (hit <ENTER> to ignore) Dd_1nt24k0H10Us4pVWoynVUSM7dN1af8__tx
```

(code-push deployment ls <appName> -k)

Code Push

Step 7: Add Code Push to JavaScript

```
import codePush from "react-native-code-push";

class MyApp extends Component {
  checkForUpdates = () => {
    codePush.sync({
      updateDialog: true,
      installMode: codePush.InstallMode.IMMEDIATE
    });
  }
}

MyApp = codePush({ updateDialog: true })(MyApp);
```

Code Push

Step 8: Make Changes

Code Push

Step 9: Release Changes

```
code-push release-react <appName> <platform>
```

```
code-push release-react MyApp ios -m
```

```
code-push release-react MyApp android -m
```

Creates a new Code Push bundle and serves it up, correlated with the staging deployment key

Code Push

```
code-push release-react MyApp ios -m
```

Code Push

Step 10: Promote to production

```
code-push promote <AppName> Staging Production
```

Code Push

Sync every time app resumes

```
MyApp = codePush({  
  updateDialog: true,  
  checkFrequency: codePush.CheckFrequency.ON_APP_RESUME,  
  installMode: codePush.InstallMode.IMMEDIATE  
})(MyApp);
```