



Intro to React Native

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Download Expo from the app store



Schedule

1. Hello World!
2. Components and Layout
3. State and Props
4. Navigation
5. Firebase Database Setup
6. Final Project



Final Project

- Required to build a simple working app
- Rules:
 - Involve a database or at least one integration not covered:
 - Facebook Login, Mapkit, Stripe API, Animations, etc...
 - Must have at least 5 screens
 - Assume you have a NEW start-up idea. Let this be a first step!
 - New social media idea, improved productivity app, supporting a new trend (crypto watcher app), ...
 - Simple is OK! but it must be polished/ aesthetic/ NO BUGS
- Checkpoint Due Date: **March 6th**
- Due Date: **May 1st**



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- Four randomly selected people will present in class on the last day




Example Project



Esket Started!

Installing Node



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Installing Node.js via package manager

Note: The packages on this page are maintained and supported by their respective packagers, **not** the Node.js core team. Please report any issues you encounter to the package maintainer. If it turns out your issue is a bug in Node.js itself, the maintainer will report the issue upstream.

- Arch Linux
- Debian and Ubuntu based Linux distributions
- Enterprise Linux and Fedora
- FreeBSD and OpenBSD
- Gentoo
- NetBSD
- nvm
- openSUSE and SLE
- macOS
- SmartOS and illumos
- Void Linux
- Windows

Arch Linux

Node.js and npm packages are available in the Community Repository.

Linux:

```
curl -sL
```

```
https://deb.nodesource.com/setup_8.x | sudo
```

```
-E bash -
```

```
sudo apt-get install -y nodejs
```

MacOS:

```
brew install node
```

OR

Curl command on the website



Installing React Native

- Two ways: Using Expo or Building with Native Code
- We will use Expo: easier to get simple apps running
- Start by making a directory (for example, on Desktop) and run:

```
- npm install -g create-react-native-app  
- create-react-native-app AwesomeProject  
  cd AwesomeProject  
  npm start
```



Using Expo

- Expo allows us to quickly test app on phone
- Install Expo from mobile phone app store



Possible 'react-native run-ios' Error:

```
Found Xcode project TestProject.xcodeproj xcrun: error: unable to find utility "instruments", not  
a developer tool or in PATH
```

```
Command failed: xcrun instruments -s xcrun: error: unable to find utility "instruments", not a  
developer tool or in PATH
```

Solution:

Go to `Xcode > Preferences > Locations` and set Xcode version to latest version.