

Introducción e instalación para:



React Native

1. Instalar node.js:



[INICIO](#) | [ACERCA](#) | [DESCARGAS](#) | [DOCUMENTACIÓN](#) | [PARTICIPE](#) | [SEGURIDAD](#) | [NOTICIAS](#) | [CERTIFICATION](#)

Node.js® es un entorno de ejecución para JavaScript construido con el motor de JavaScript V8 de Chrome.

#BlackLivesMatter

The OpenJS World CFP is open until Feb 15 - submit your talk ideas!

Descargar para macOS (x64)

14.15.5 LTS

Recomendado para la mayoría

15.8.0 Actual

Últimas características

[Otras Descargas](#) | [Cambios](#) | [Documentación del API](#)

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O eche un vistazo a la [Programa de soporte a largo plazo \(LTS\)](#).

```
➔ ~ node -v  
v14.15.1
```

2. Instalar Yarn

```
npm install --global yarn
```

```
yarn --version
```

Algunos comandos básicos

```
yarn
```

or

```
yarn install
```

```
yarn add [package]
```

```
yarn remove [package]
```

3. Instalar git

 **git** --local-branching-on-the-cheap

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient staging areas, and **multiple workflows**.



**About**
The advantages of Git compared to other source control systems.

**Documentation**
Command reference pages, Pro Git book content, videos and other material.

**Downloads**
GUI clients and binary releases for all major platforms.

**Community**
Get involved! Bug reporting, mailing list, chat, development and more.

**Pro Git** by Scott Chacon and Ben Straub is available to read online for free. Dead tree versions are available on [Amazon.com](#).

 **Mac GUIs**

 **Tarballs**

 **Windows Build**

 **Source Code**

Companies & Projects Using Git

Google

FACEBOOK

Microsoft



Linked in

NETFLIX



PostgreSQL







Qt

GNOME

eclipse





</> About this site
Patches, suggestions, and comments are welcome.

Git is a member of [Software Freedom Conservancy](#)

```
➔ ~ git --version
git version 2.17.2 (Apple Git-113)
```

4. Instalar JDK

Resumen Descargas Documentación Comunidad Tecnología Formación

Descargas de Java SE



Java Platform (JDK) 8u111 / 8u112



NetBeans con JDK 8

Java Platform, Standard Edition

Java SE 8u111 / 8u112

Java SE 8u111 incluye importantes soluciones de seguridad. Oracle recomienda que todos los usuarios de Java SE 8 actualicen esta versión. Java SE 8u112 es una actualización con un conjunto de parches, que incluye todas las características adicionales de 8u111 (descritas en las notas de la versión).

[Lea más aquí](#) (en inglés)

Importante cambio planificado para MD5-signed JARs

A partir de las versiones de la revisión crítica de abril, previstas para el 18 de abril de 2017, todas las versiones de JRE tratarán a los JARs firmados con MD5 como no firmado. Obtenga más información y vea las instrucciones de prueba. (en inglés)

Para obtener más información sobre el soporte del algoritmo criptográfico, por favor chequee este documento: [JRE and JDK Crypto Roadmap](#). (en inglés)

- [Instrucciones de instalación](#) (en inglés)
- [Notas de la versión](#) (en inglés)
- [Licencia de Oracle](#) (en inglés)
- [Productos Java SE](#) (en inglés)
- [Licencias de terceros](#) (en inglés)
- [Configuraciones del sistema certificadas](#) (en inglés)

Archivos LeaMe

- [Archivo LeaMe JDK](#) (en inglés)
- [Archivo LeaMe JRE](#) (en inglés)

JDK

[DOWNLOAD](#)

Servidor JRE

[DOWNLOAD](#)

JRE

[DOWNLOAD](#)

¿Qué paquete Java necesito?

- **Desarrolladores de software: JDK** (Java SE Development Kit) Para desarrolladores de Java. Incluye un JRE completo más herramientas para desarrollar, depurar y monitorear

```
➡ ~ java --version
java 15.0.2 2021-01-19
Java(TM) SE Runtime Environment (build 15.0.2+7-27)
Java HotSpot(TM) 64-Bit Server VM (build 15.0.2+7-27, mixed mode, sharing)
```

5. Instalar Android Studio




Android Studio provides the fastest tools for building apps on every type of Android device.

[DOWNLOAD ANDROID STUDIO](#)

4.1.2 for Mac (877 MiB)

6. Instalar Visual Studio Code

 Visual Studio Code

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Download

Version 1.53 is now available! Read about the new features and fixes from January.


Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.



Download Windows
Windows 7, 8, 10


User Installer 64 bit 32 bit ARM
System Installer 64 bit 32 bit ARM
.zip 64 bit 32 bit ARM



Download .deb
Debian, Ubuntu

Download .rpm
Red Hat, Fedora, SUSE

.deb 64 bit ARM ARM 64
.rpm 64 bit ARM ARM 64
.tar.gz 64 bit ARM ARM 64
Snap Store



Download Mac
macOS 10.10+

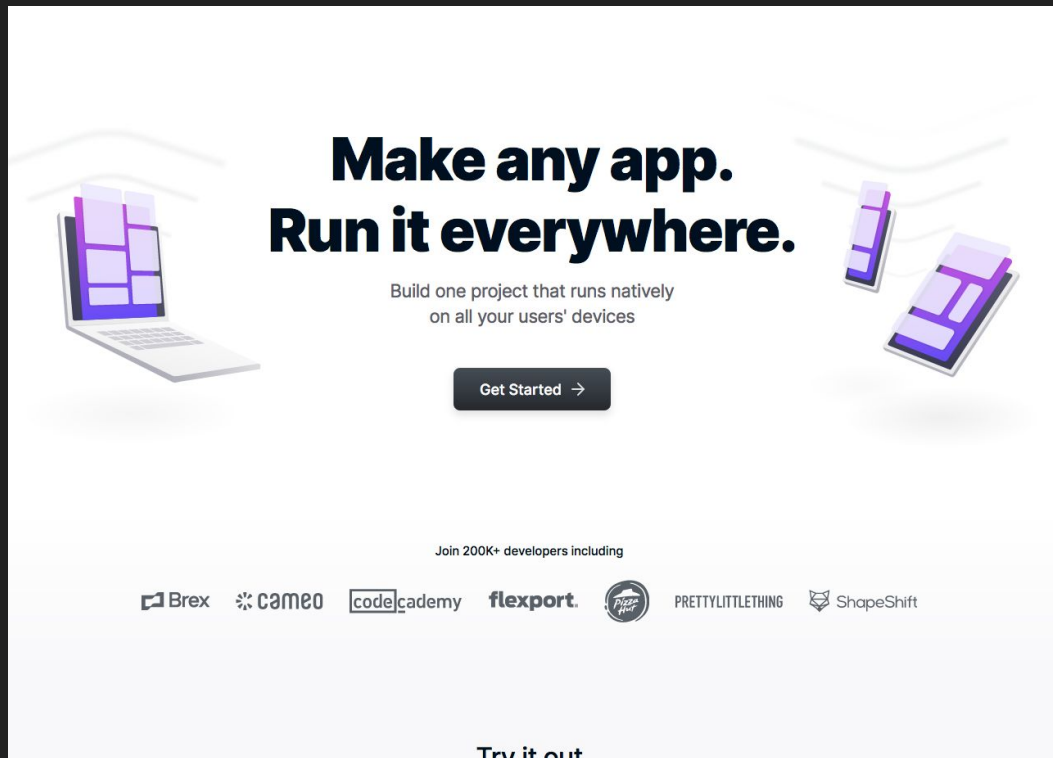
By downloading and using Visual Studio Code, you agree to the [license terms](#) and [privacy statement](#).

Want new features sooner?
Get the [Insiders build](#) instead.

See SHA-256 Hashes

7. Instalar expo-cli

```
# Install the command line tools  
$ npm install --global expo-cli
```









The image shows the Expo website landing page. It features a central headline "Make any app. Run it everywhere." with a subtext "Build one project that runs natively on all your users' devices". Below the headline is a "Get Started" button with a right arrow. The page is flanked by illustrations of a laptop on the left and two smartphones on the right, all displaying a purple and white UI. At the bottom, it says "Join 200K+ developers including" followed by logos for Brex, cameo, codecademy, flexport, a circular logo with "Piper" and "Hill", PRETTYLITTLETHING, and ShapeShift. A "Try it out" link is partially visible at the very bottom.

Make any app. Run it everywhere.

Build one project that runs natively
on all your users' devices

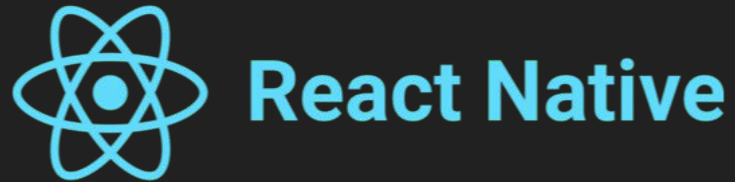
[Get Started →](#)

Join 200K+ developers including

 Brex  cameo  codecademy  flexport.  PRETTYLITTLETHING  ShapeShift

[Try it out](#)

Empezar a crear una app en React Native



Crear proyecto React Native

```
→ dev expo init my-project
? Choose a template: > - Use arrow-keys. Return to submit.
----- Managed workflow -----
> blank a minimal app as clean as an empty canvas
blank (TypeScript) same as blank but with TypeScript configuration
tabs (TypeScript) several example screens and tabs using react-navigation and TypeScript
----- Bare workflow -----
minimal bare and minimal, just the essentials to get you started
minimal (TypeScript) same as minimal but with TypeScript configuration
```

```
→ dev expo init my-project
✓ Choose a template: > blank a minimal app as clean as an empty canvas
✓ Downloaded and extracted project files.
[?] Using Yarn to install packages. Pass --npm to use npm instead.
✓ Installed JavaScript dependencies.

✓ Your project is ready!
```

To run your project, navigate to the directory and run one of the following yarn commands.

```
- cd my-project
- yarn start # you can open iOS, Android, or web from here, or run them directly with the commands below.
- yarn android
- yarn ios
- yarn web
```

Correr proyecto React Native

```
cd my-project
```

```
→ my-project git:(master) yarn start
yarn run v1.22.10
$ expo start
Starting project at /Users/nicolascarratala/Documents/dev/my-project
Expo DevTools is running at http://localhost:19002
Opening DevTools in the browser... (press shift-d to disable)
Starting Metro Bundler
```

exp://192.168.1.108:19000



To run the app, choose one of:

- > Scan the QR code above with the Expo app (Android) or the Camera app (iOS).
- > Press **a** for Android emulator, or **i** for iOS simulator, or **w** to run on web.
- > Press **e** to send a link to your phone with email.

Press **?** to show a list of all available commands.

Logs for your project will appear below. Press Ctrl+C to exit.

Metro Bundler

PROCESS (1) - 1:11:29 PM

LOGGED IN AS

METRO BUNDLER

INFO Starting Metro Bundler

13:11

Run on Android device/emulator

Run on iOS simulator

Run in web browser

Send link with email...

Publish or republish project...

PRODUCTION MODE



CONNECTION

Tunnel

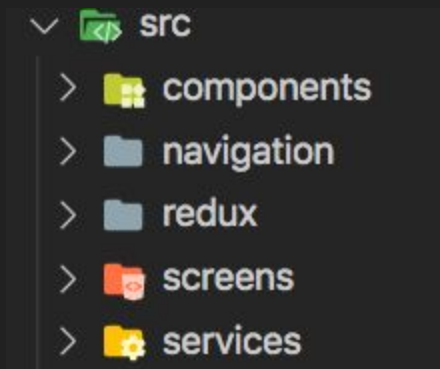
LAN

Local

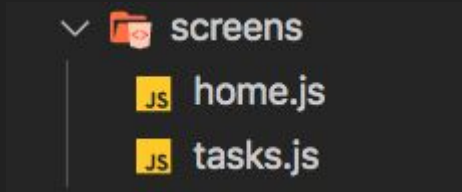
exp://192.168.1.108:19000



Crear carpetas necesarias en React Native



Crear screens base



```
1 import {Text} from 'react-native';
2
3 export default function Home() {
4   return (
5     <>
6       <Text>Home</Text>
7     </>
8   );
9 }
```

```
1 import {Text} from 'react-native';
2
3 export default function Tasks() {
4   return (
5     <>
6       <Text>Tasks</Text>
7     </>
8   );
9 }
```

Que vamos a ver en la próxima sesión



React Navigation



Redux