

# Setup iOS Development Environment

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## Mac

To install the newest Xcode Command Line Tools, you'll need the latest version of Mac OS X (Yosemite at the time of writing). If you've owned your Mac for several years and haven't updated Mac OS X, be prepared to spend several hours updating the operating system.

See Apple's instructions [How to upgrade to OS X Yosemite](#). You can install Mac OS X 10.10 (Yosemite) from the Mac App Store for free. Allow plenty of time for the download and installation (it may take several hours).

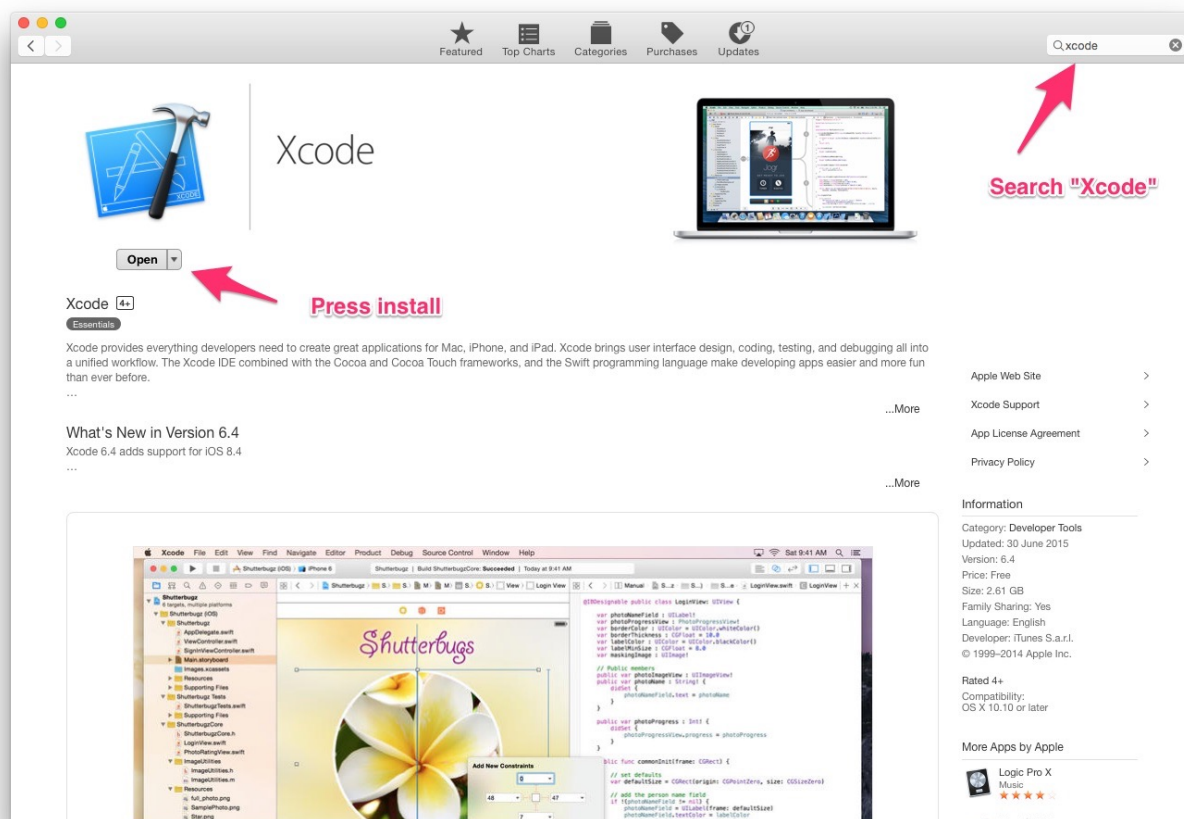
## Windows

You can't build iOS applications using Windows, we need the Xcode application and command line tools which are not available on windows.

# Xcode

[Xcode](#) is the development environment & tooling required to build iOS applications.

Download and install Xcode from the Mac App Store by searching for xcode.



## Command Line Tools

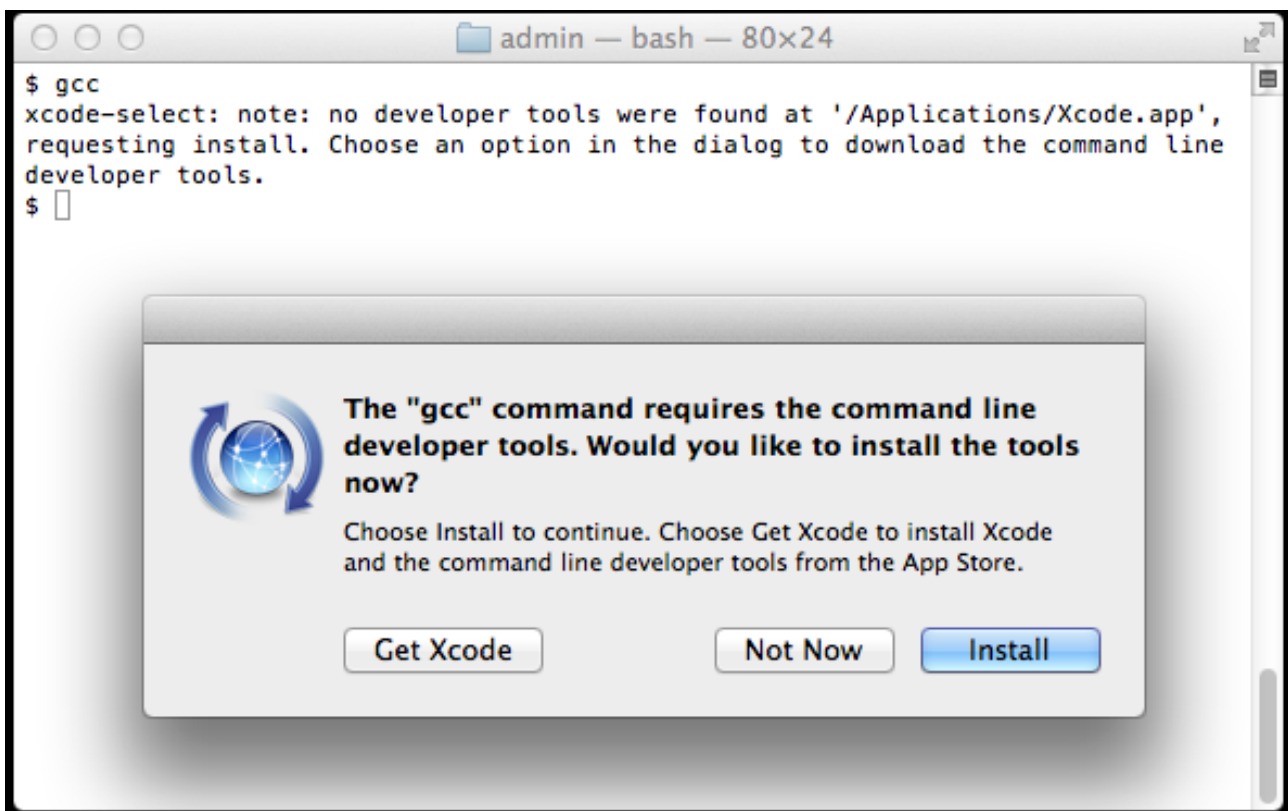
As well as the Xcode IDE we will also need to install the command line tools, this will allow ionic to build our ios application from the terminal.

The first time ionic will try to run any of the required command line tools a window will popup asking for you to install them.

If for some reason it doesn't open a popup type this into the terminal:-

```
$ xcode-select --install
```

A popup should appear like this, press Install.



## Simulator & Device

These packages are required to run ios applications in an emulator on an iphone connected to your computer, install them now.

```
$ npm install -g ios-sim ios-deploy
```