

# Installing Flutter + Dart

(via Homebrew and FVM (Flutter Version Management))

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- install homebrew

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

- install fvm using homebrew

```
brew tap leoafarias/fvm
brew install fvm
```

- install latest stable flutter version

```
fvm install stable
```

- run fvm doctor to make sure it is installed

```
fvm doctor
```

- set default flutter version to your machine

```
fvm global stable
```

- After the previous command you might see in the output to change your flutter path to `/Users/<YOUR_USER>/fvm/default/bin`. In that case open your user's `.zshrc` file:

```
nano .zshrc
```

- Then paste the following into the bottom of your `.zshrc` file:

```
export PATH="$PATH:/Users/<YOUR_USER>/fvm/default/bin"
```

- Then save `(control + o)` then hit enter and then exit `(control + x)`
- Close and reopen your terminal and check the flutter installation with `fvm flutter --version`
- Run `fvm flutter doctor` to resolve and install any missing components

## !! Troubleshooting

If `fvm flutter doctor` had such a warning:

```
! Warning: `dart` on your path resolves to /opt/homebrew/Cellar/dart/3.1.5/libexec/bin/dart, which is not inside your current Flutter S
```

You can resolve it by uninstalling dart from brew since flutter sdks are shipped already with dart:

```
brew uninstall dart
```

## Install JDK

```
brew install openjdk@17
```

Note that the latest version of Java (JDK21) is unsupported by Gradle, so make sure to download JDK17.

## Install Gradle

```
brew install gradle
```

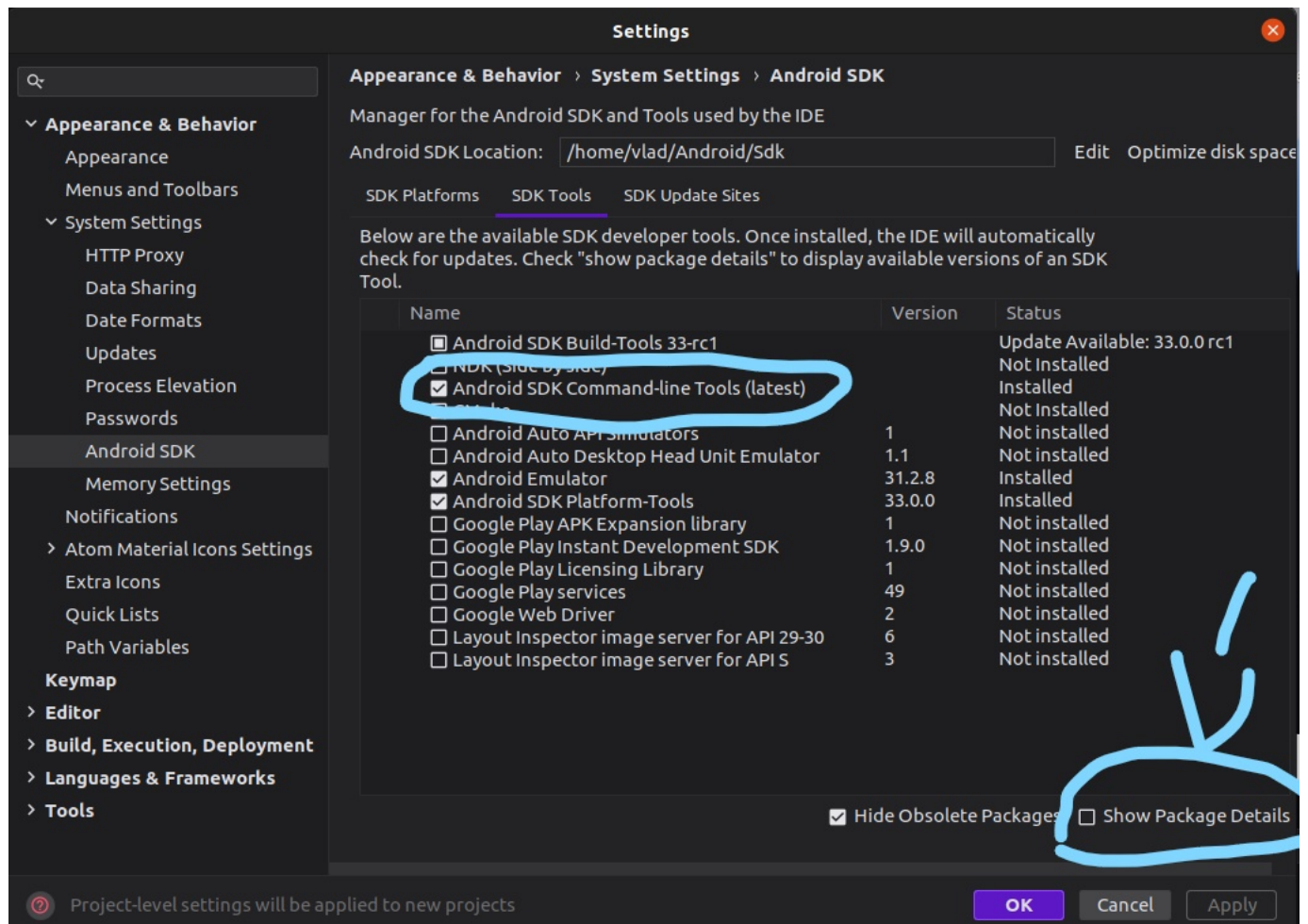
## Install Android Studio

[Download Android Studio](#)

Make sure that under

AndroidSDK/SDK Tools

That the `Android SDK Command-line Tools (latest)` marker is checked. Afterwards, restart cmd and run `flutter doctor` to check for any issues.



## Optional

### Adding Flutter SDK to VSCode

- Click `Command + Shift + P` to open the Command Palette
- Type `Flutter: New Project`
- An error should appear stating that you haven't added the Flutter SDK to VSCode
- Click on `Add Flutter SDK`
- If you've followed the steps in this doc, the relative path should be in `C:/Users/<YOUR_USER>/fvm/default/bin`