Intro to Android Development

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acmucr.org/checkin

Hello!
I'm Emma.

Contact Me:

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What is Android?

- Mobile operating system developed by Google
- Covers over 80% of the global market share
- To develop Android applications we use Android Studio, an IDE (Integrated Development Environment) developed by Google

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Install Android Studio!

https://developer.android.com/studio/
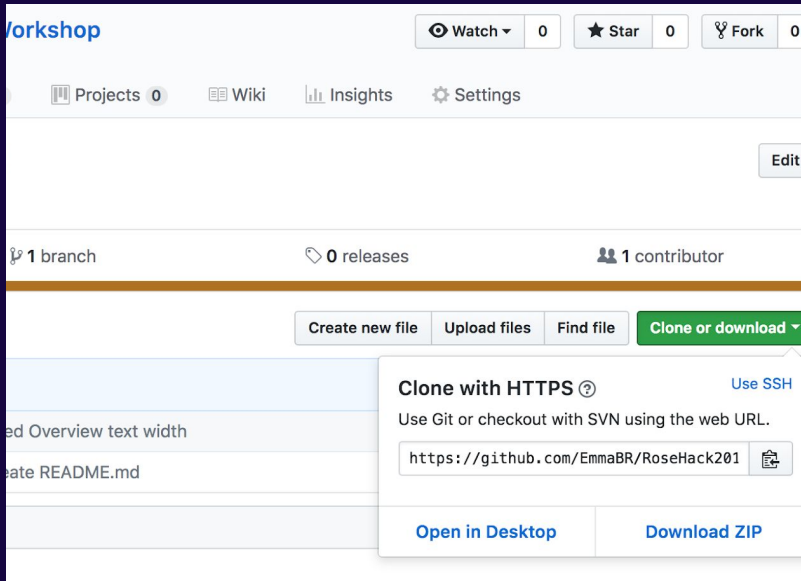
What are we doing?

Movie application

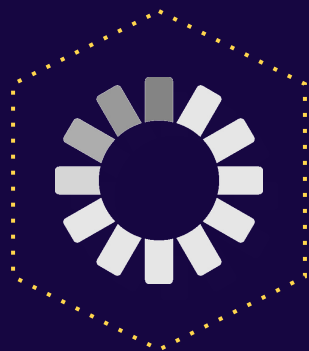Allows users to browse current movies and view their descriptions utilizing the movie database JSON.

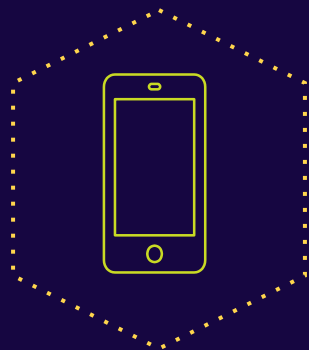# Clone the Repository

- Go to: https://github.com/EmmaBR/ACM2019-AndroidWorkshop
- Clone the Repo or download the zip file.
- Open Android Studio.
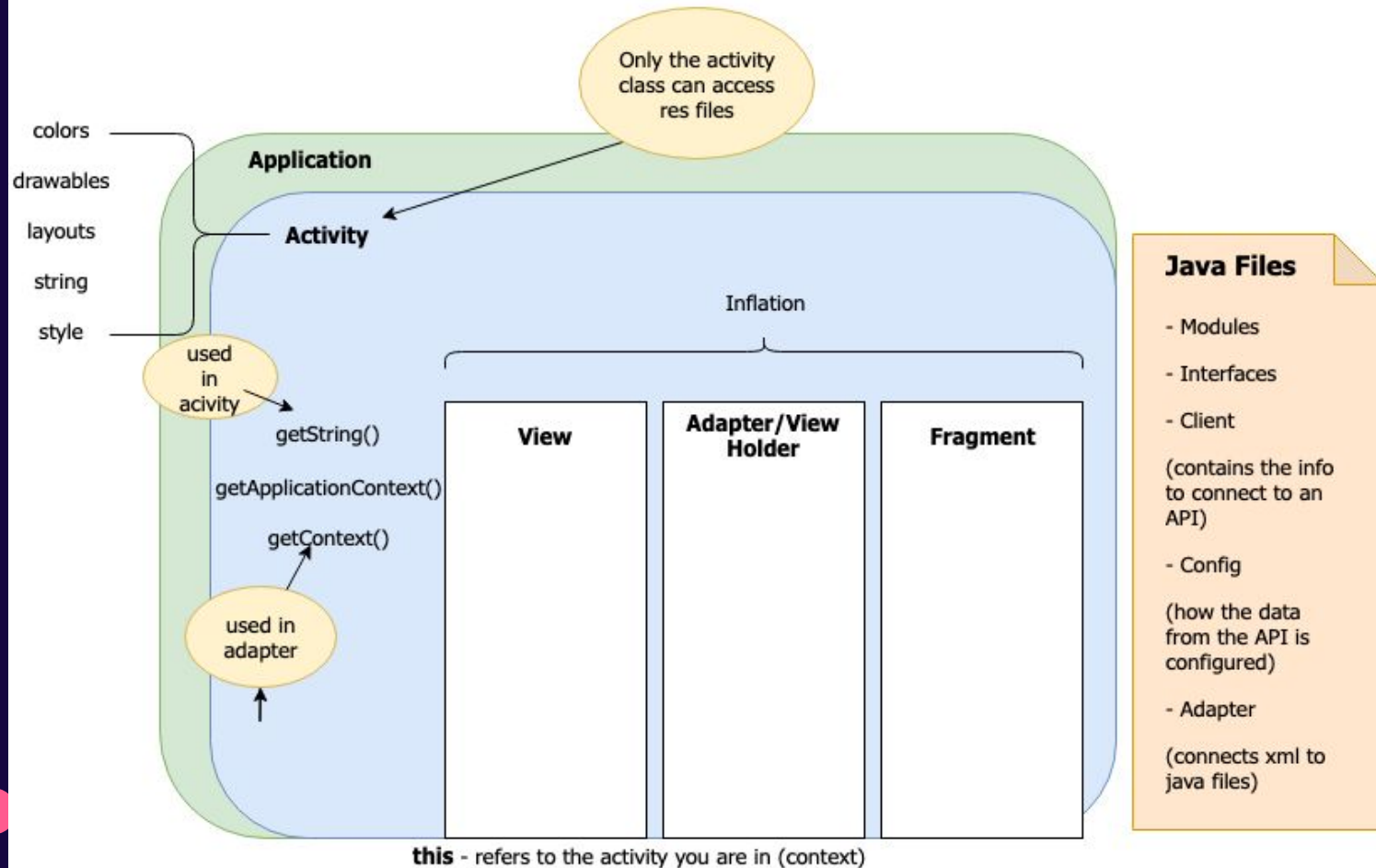- Click open a project and navigate to StartMovieApp and open it.

Wait...

Your project is building!

Emulator

RUn the Emulator to test to make sure your project builds and works correctly!!

Android Development Basics

Only the activity class can access res files

colors
drawables
layouts
string
style

Application

Activity

used in acivity

getString()

getApplicationContext()

getContext()

used in adapter

Inflation

View	**Adapter/View Holder**	**Fragment**

Java Files

- Modules

- Interfaces

- Client

(contains the info to connect to an API)

- Config

(how the data from the API is configured)

- Adapter

(connects xml to java files)

this - refers to the activity you are in (context)

Thanks! 👋

Any questions?

You can find me at:

https://www.linkedin.com/in/emma-rivera/

https://github.com/EmmaBR