

CFOOD

Where's the Free Food?

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WHAT CAN CFOOD DO FOR YOU

Free food offers come around all the time, but it's sometimes hard to find out about them and take advantage of the opportunity. This app would allow users to post about locations and times of when the food is available. Other users can then verify if the offer is valid or tell people not to waste their time if someone made it up.

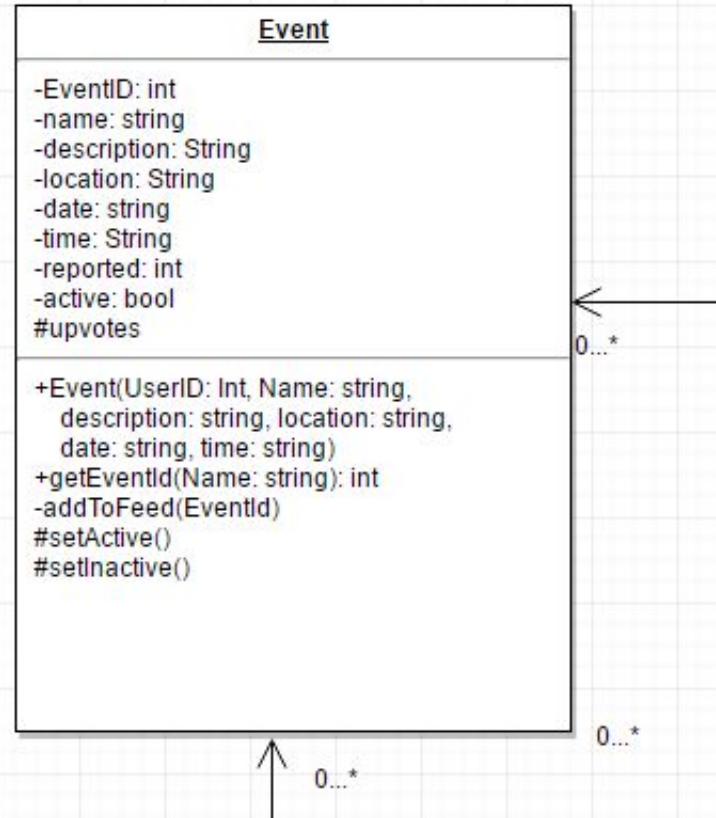
CLASS DIAGRAM



FACADE

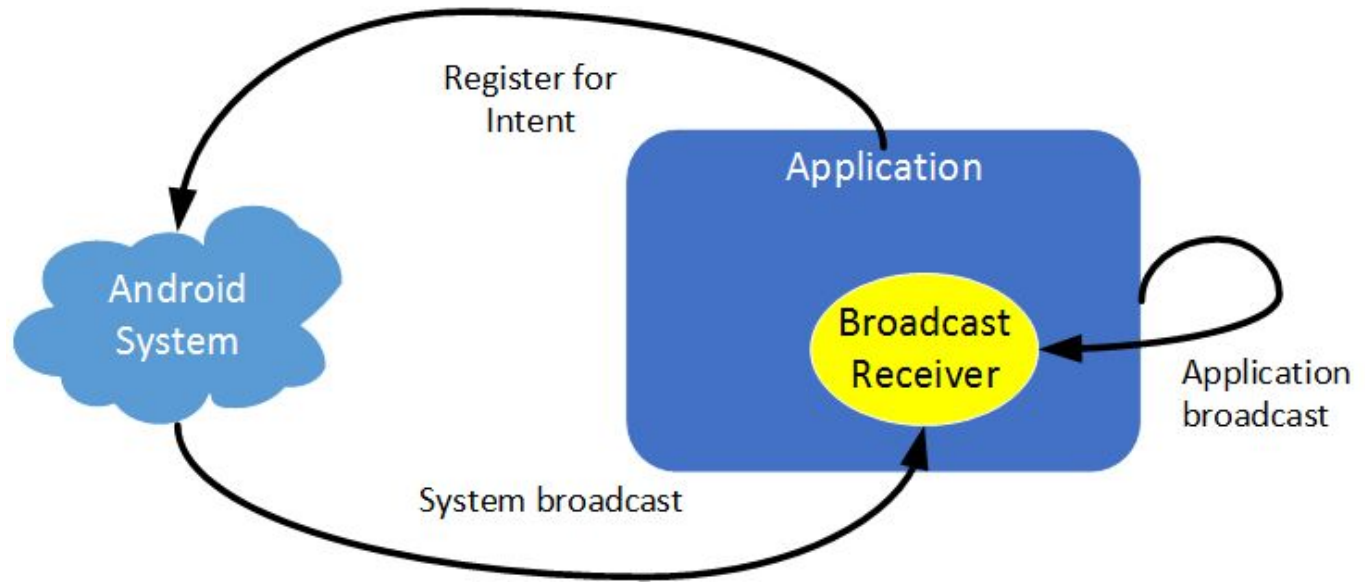
“Provide a unified interface to a set of interfaces in a subsystem.”

–Gang of Four



OBSERVER

When we updated our list view in our app, we could have made use



Of the broadcast feature in android which uses registered receivers listening for a broadcast to update newly created events.

PROXY

A proxy is a wrapper or agent object that is being called by the client to access the real serving object behind the scenes.

We wanted to implement a proxy interface for the Forum view so if someone lost connection to the internet when viewing the forum, the Events would stay loaded.



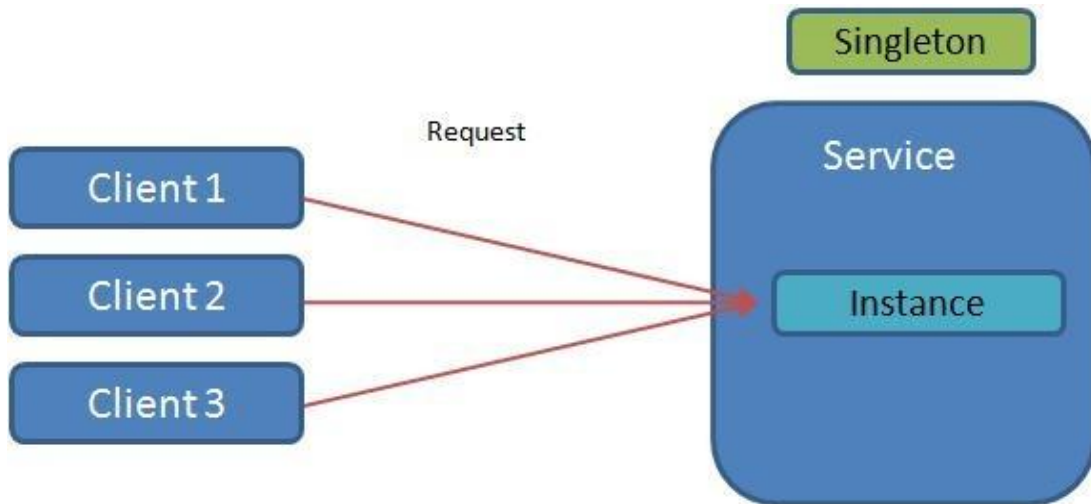
No Connection

SINGLETON

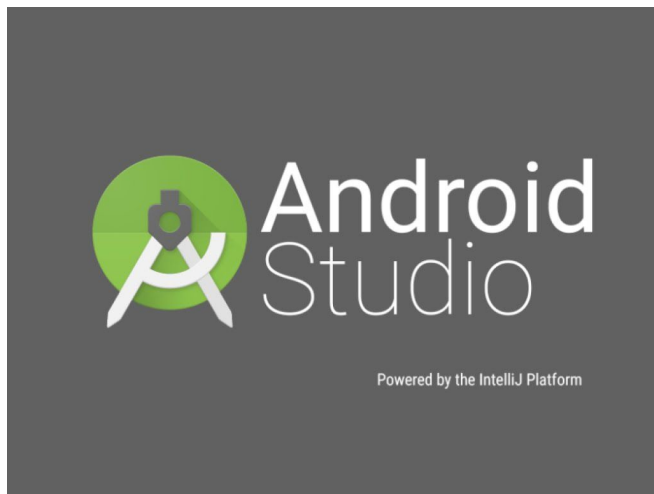
In software
engineering,
the **singleton pattern**

is a **design pattern** that restricts the
instantiation of a class to one object. This is
useful when exactly one object is needed to
coordinate actions across the system.

We wanted to create a global event dispatcher for
our app to handle all state changes.



TOOLS



PROBLEMS WE FACE

Android Studio /Android App Development learning curve

Google Authentication

Database Registration

DEMO

<https://youtu.be/mLiXIkcPdG8>

BIBLIOGRAPHY

<http://www.intertech.com/Blog/android-non-ui-to-ui-thread-communications-part-4-of-5/>