

A close-up photograph of a young woman with long brown hair, smiling and resting her chin on her hand. She is wearing a light-colored, textured top and a black Android Wear smartwatch on her left wrist. The background is a wooden interior.

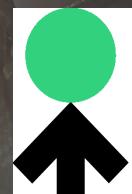
Android Wear

Follow @thedamfr



Damien Cavaillès
@TheDamFr

tripndrive



A woman with long brown hair is smiling warmly at the camera. She is wearing a light-colored, textured top. A black Android smartwatch is visible on her left wrist. The background is slightly blurred, showing what appears to be a modern interior.

ANDROID EVERYWHERE

A woman with long dark hair is smiling warmly at the camera. She is wearing a light-colored, textured top. A black Android Wear smartwatch is visible on her left wrist. The background is slightly blurred, showing what appears to be a modern interior.

ANDROID EVERYWEAR



A dark, moody photograph showing a close-up of a person's hand. The hand is resting on a surface, with fingers slightly curled. In the upper left corner, a portion of a glass containing a yellowish liquid is visible. In the center-right, a small, round object, possibly a pocket watch or a small clock, is partially visible. The lighting is low-key, creating deep shadows and highlights on the skin and the edges of the objects.

CECI N'EST PAS
UNE MONTRE



QU'EST-CE QU'UN WEARABLE ?



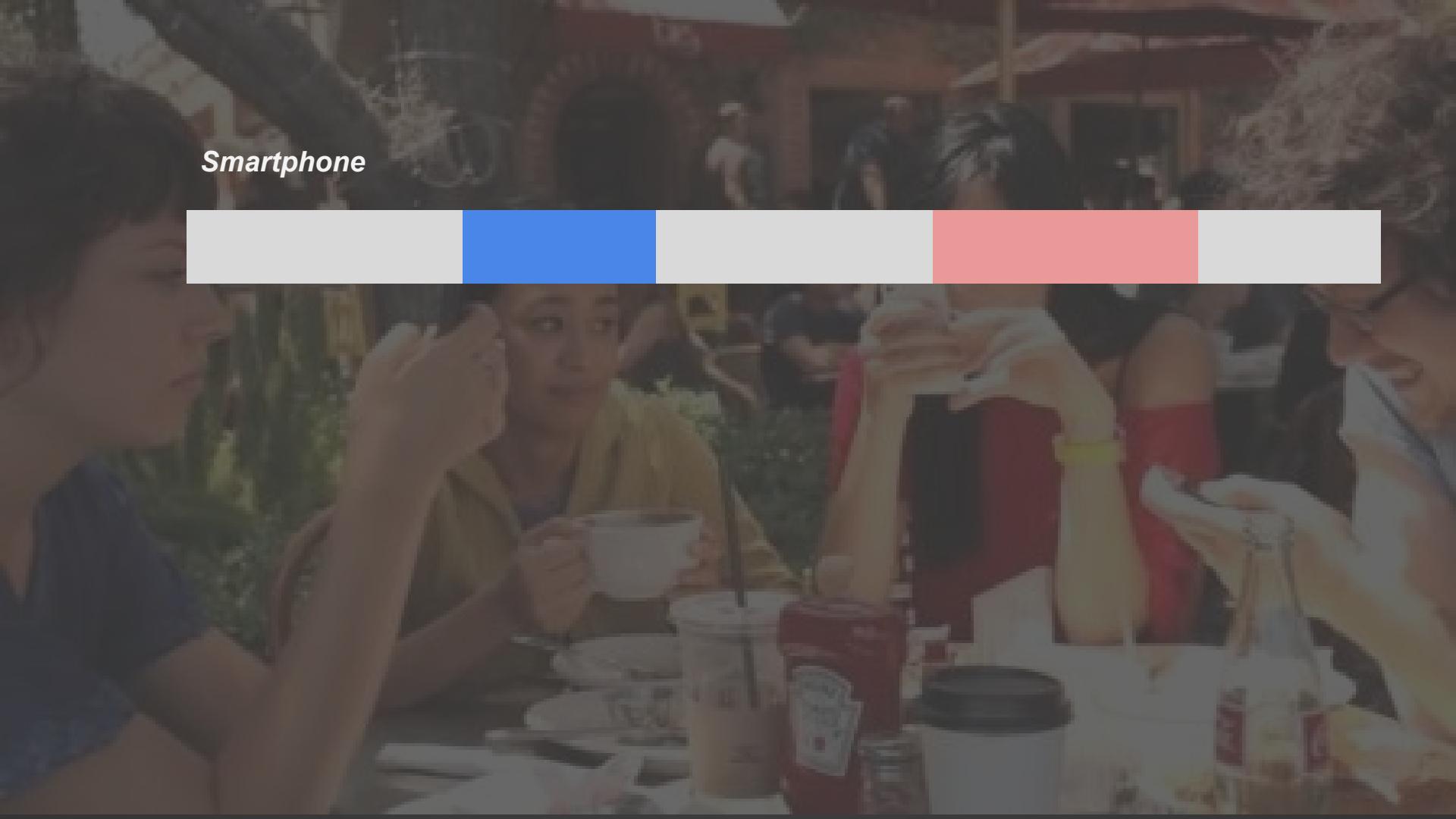
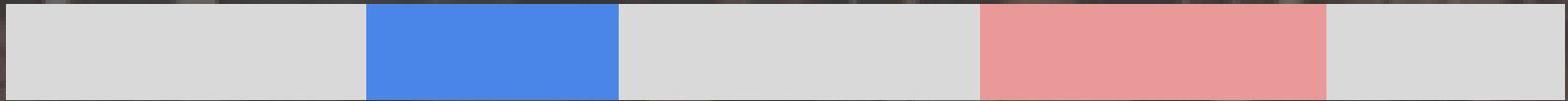


**WHAT'S THE POINT OF BEING AFRAID
OF THE ZOMBIE APOCALYPSE**



WHEN YOU'RE ALREADY A ZOMBIE?

Smartphone

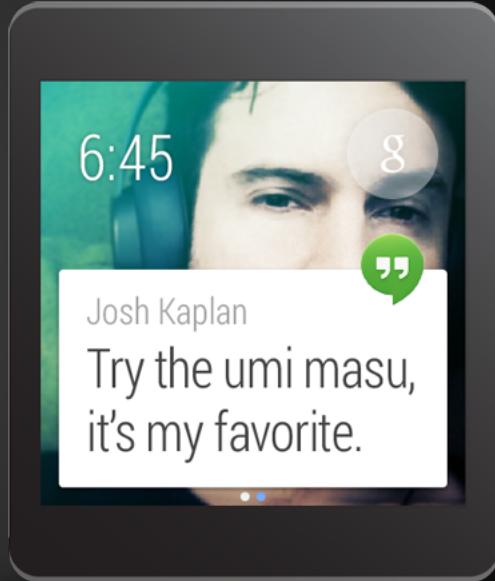
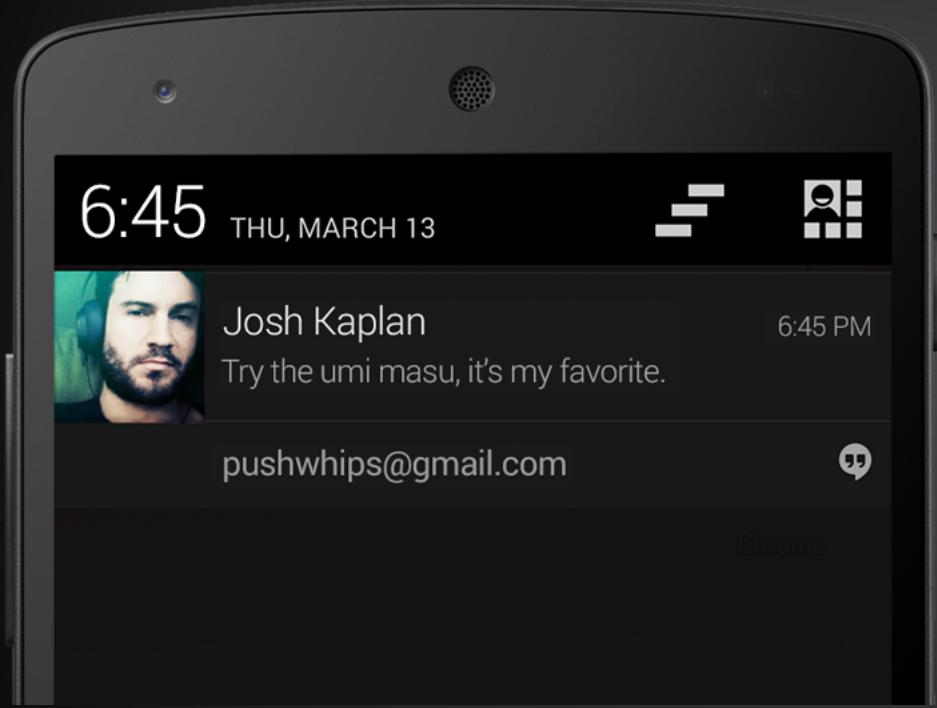


Smartphone

A photograph of a group of people at what appears to be a social gathering or party. In the foreground, a woman with short brown hair is looking towards the right. Behind her, another person is holding a red cup. The background is filled with other people and some foliage. A horizontal color calibration strip is overlaid across the top of the image, featuring white, blue, white, red, and white squares.

Wearable

A photograph of the same group of people at the social gathering. This version includes a larger horizontal color calibration strip overlaid across the middle of the image, consisting of six white squares of varying widths.

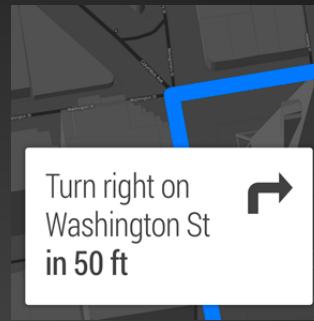
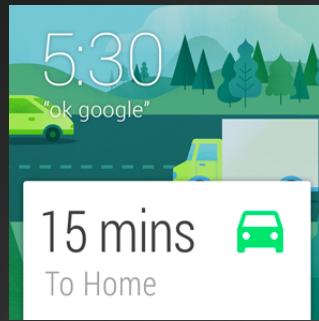




Lifestyle

Predictif

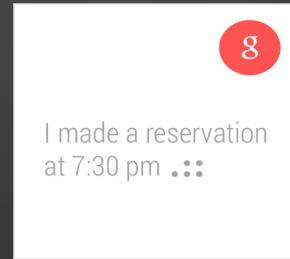




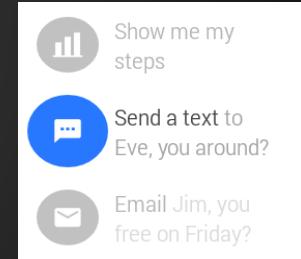
Context



No interaction

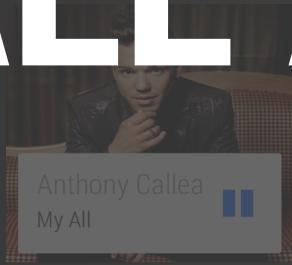


Voice



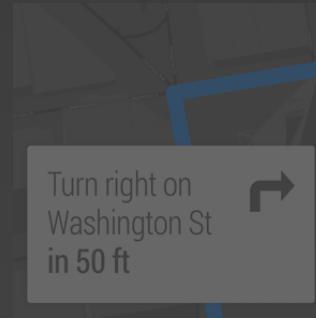
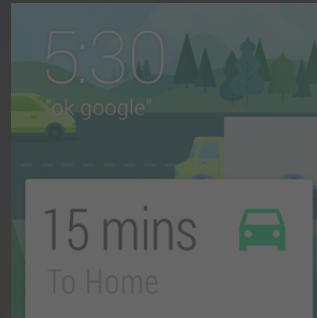
Quick selection

ALL ACTION



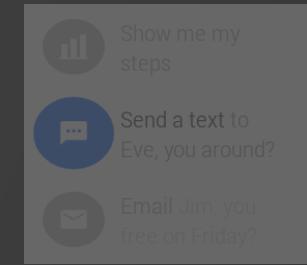
Anthony Callea
My All

No
interaction



I made a reservation
at 7:30 pm ...

Voice



Quick
selection

ACTIONS NOT APPS



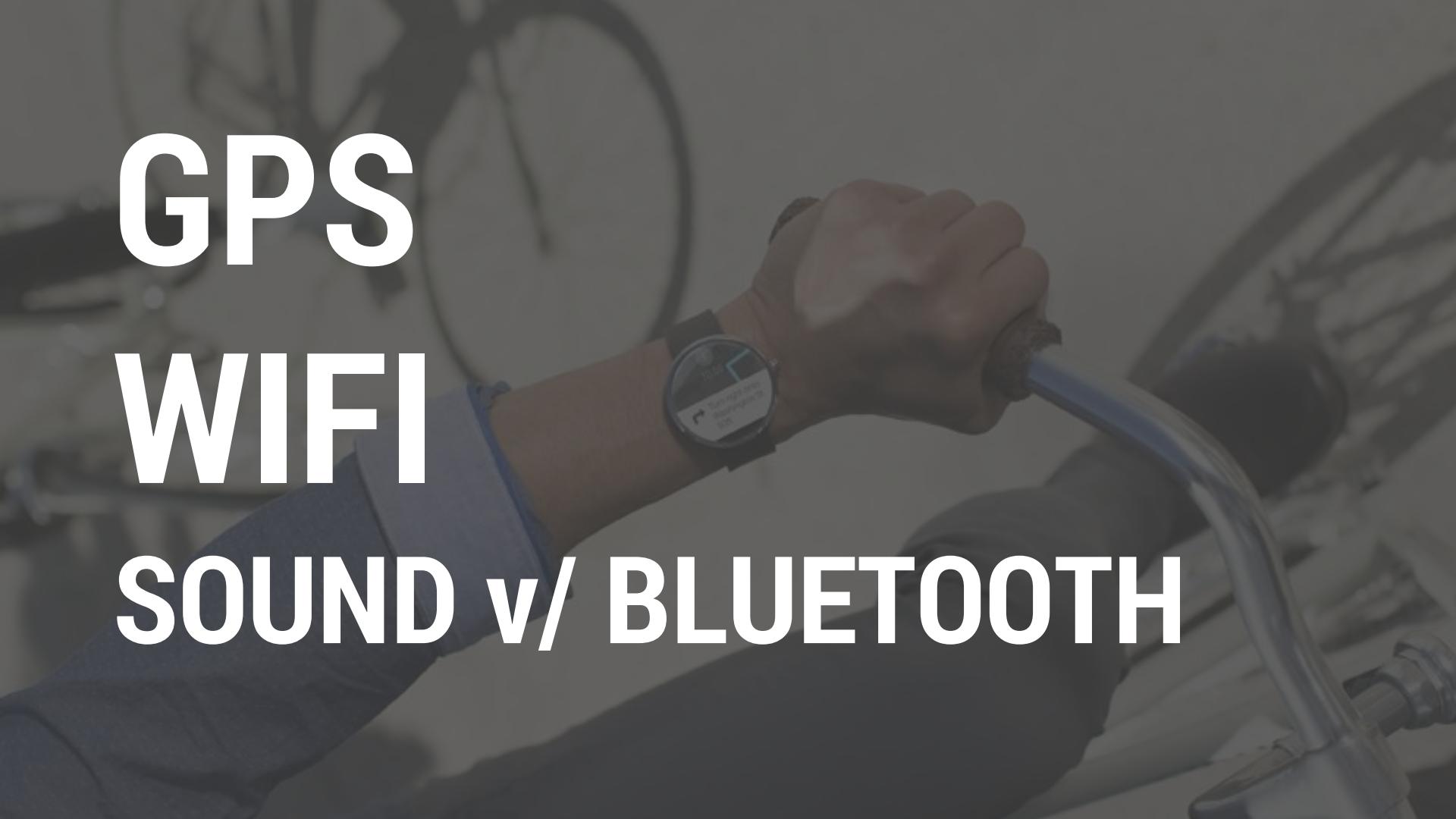


**QUICK & SHORT
INTERACTIONS**



ONE PLATFORM
MULTIPLE DEVICES

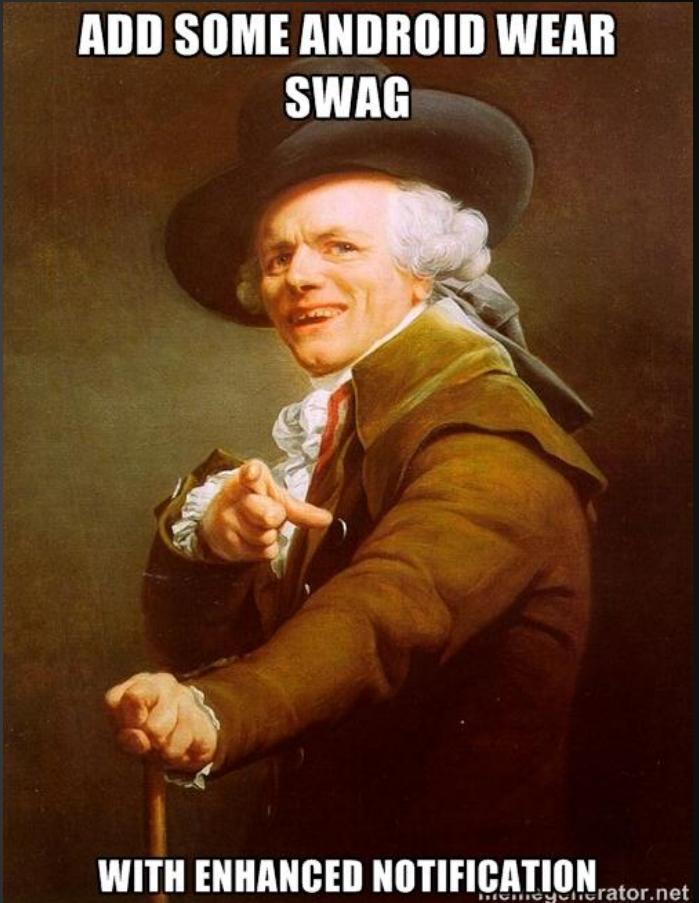


A black and white photograph showing a close-up of a person's arm and hand gripping the handlebar of a bicycle. The person is wearing a dark long-sleeved shirt. A smartwatch is visible on their left wrist, displaying a map and navigation information. The background is blurred, suggesting motion.

**GPS
WIFI
SOUND v/ BLUETOOTH**

NOTIFICATION

NOTIFICATION



WITH ENHANCED NOTIFICATION

memegenerator.net

NOTIFICATION

DEMO

ADD SOME ANDROID WEAR
SWAG



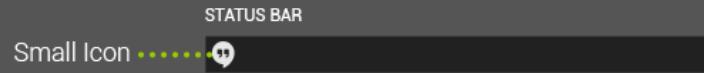
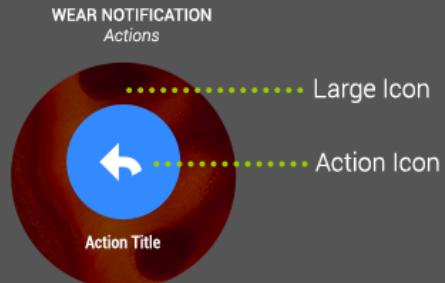
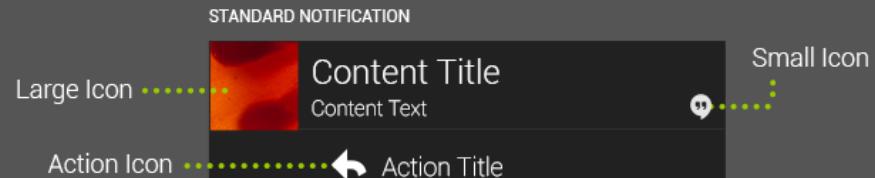
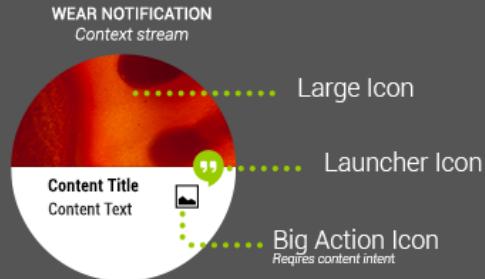
WITH ENHANCED NOTIFICATION

memegenerator.net

ANDROID WEAR

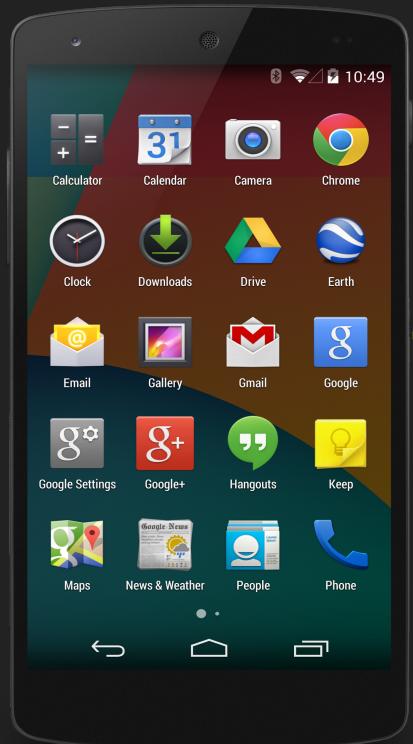
Basic Notification Cheat Sheet 0.1

by +Lorica Claesson

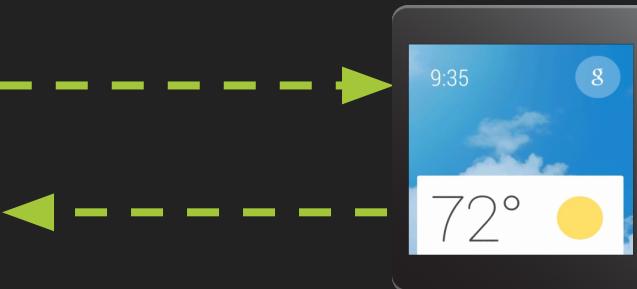


CONCEPTS

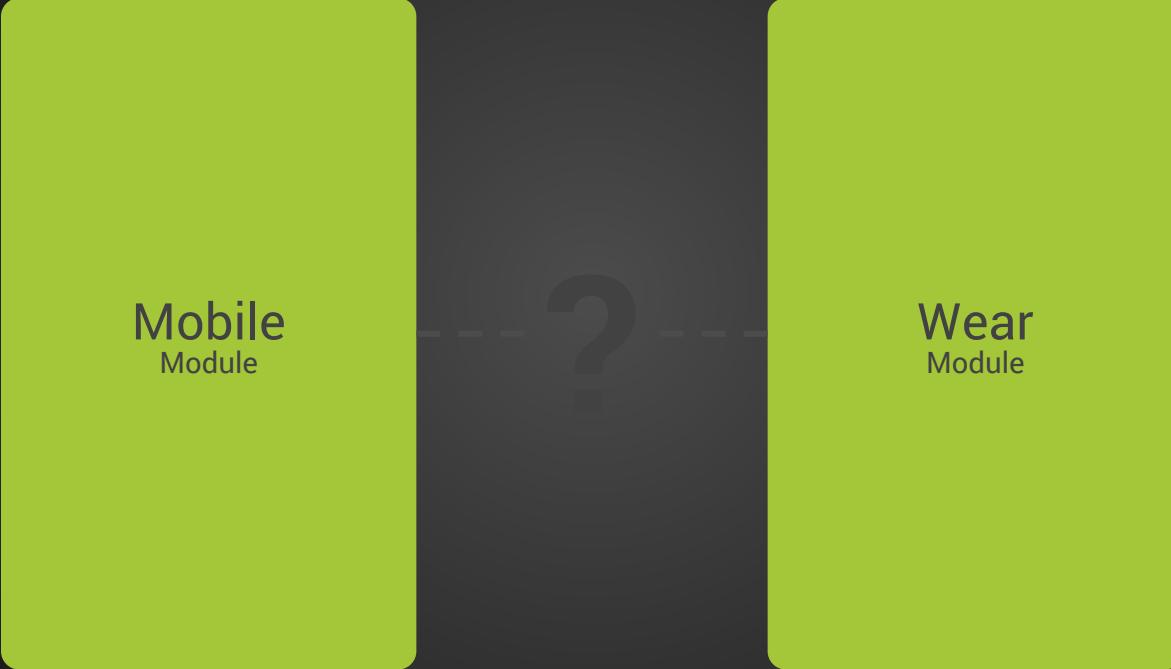
CONCEPTS



android
wear



CONCEPTS



Mobile
Module

Wear
Module

CONCEPTS

DataItem

Message

Node

CONCEPTS

Node

CONCEPTS

Message

CONCEPTS

Message

```
<service android:name=".StartWearActivityService">  
    <intent-filter>  
        <action  
            android:name="com.google.android.gms.wearable.BIND_LISTENER" />  
    </intent-filter>  
</service>
```

CONCEPTS

DataItem

DataItem / Message

Path

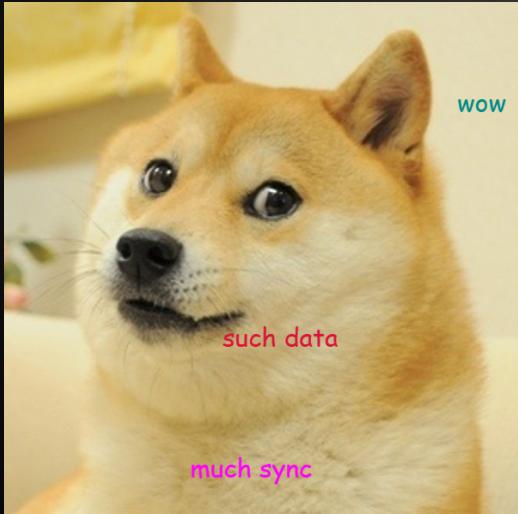
String “/path/to/item”

Payload

Byte[] <=100KB

CONCEPTS

DataItem



```
Asset asset = createAssetFromBitmap(bitmap);
PutDataMapRequest dataMap = PutDataMapRequest.
create("/image");

dataMap.getDataMap()
.putAsset("profileImage", asset)
```

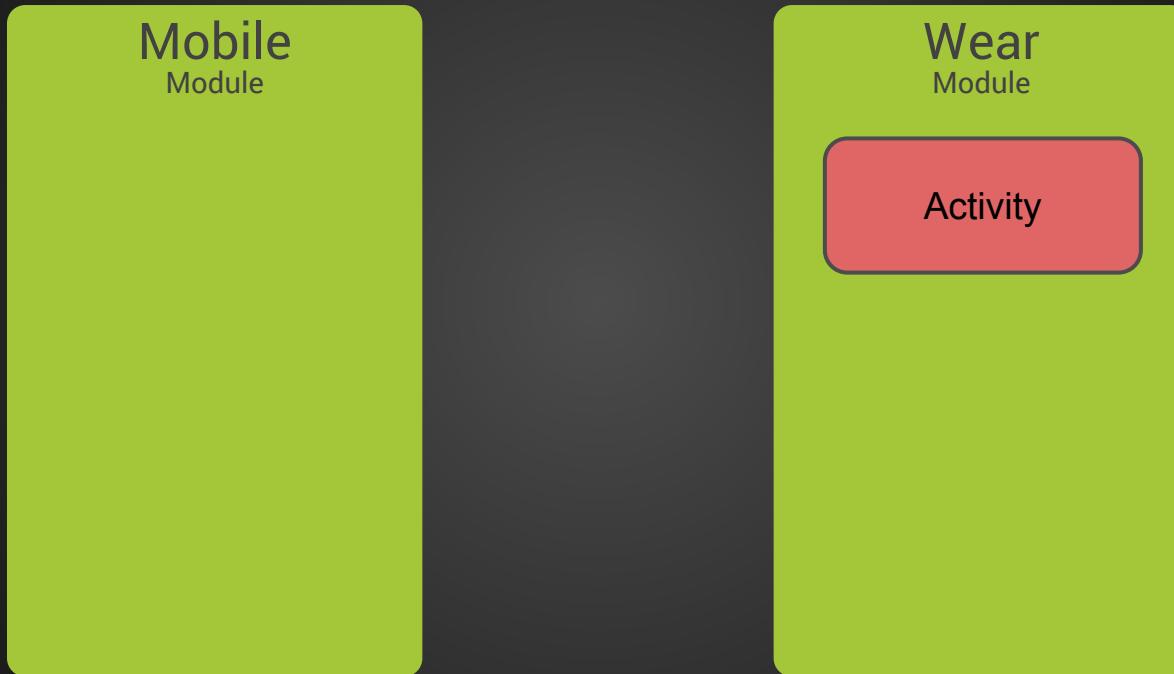
EXAMPLE



Hoi Lam
Google
Wearable Developer Advocate

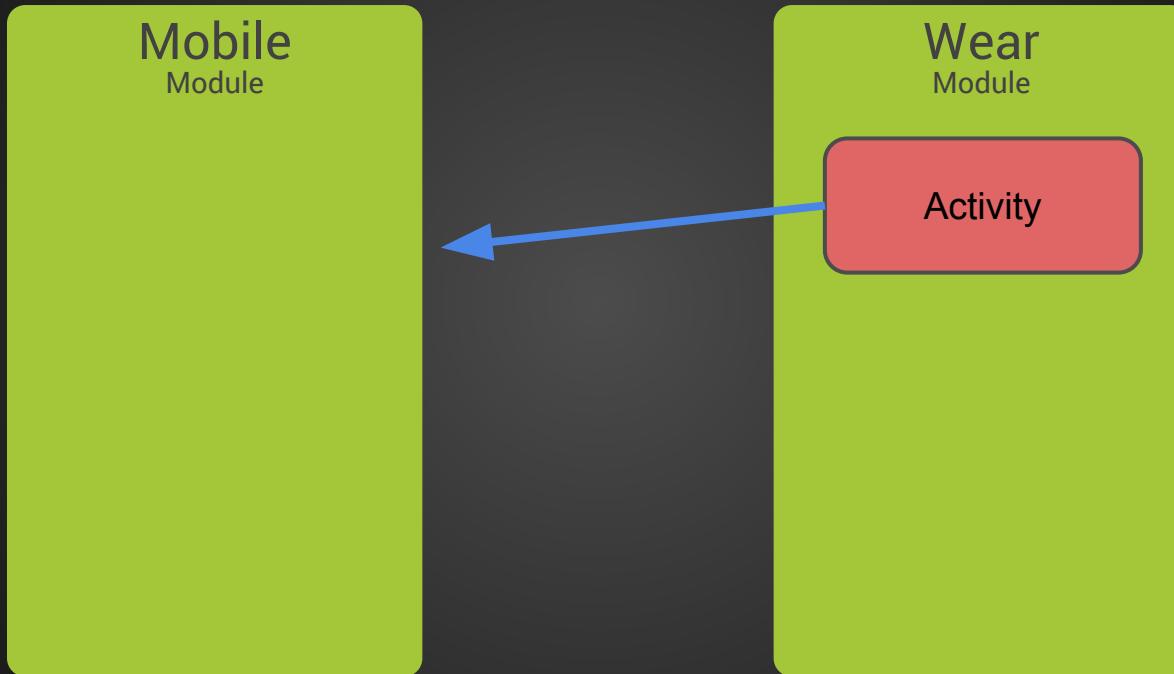


EXEMPLE



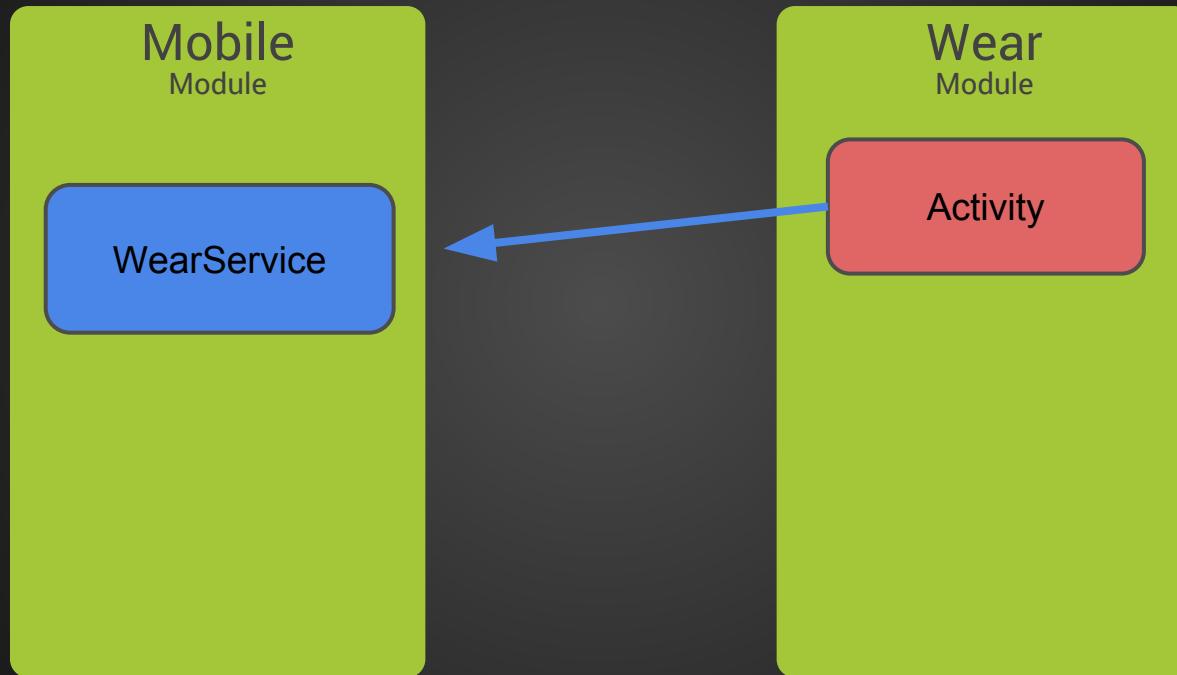
Le mot-clé start lance l'activité

EXEMPLE



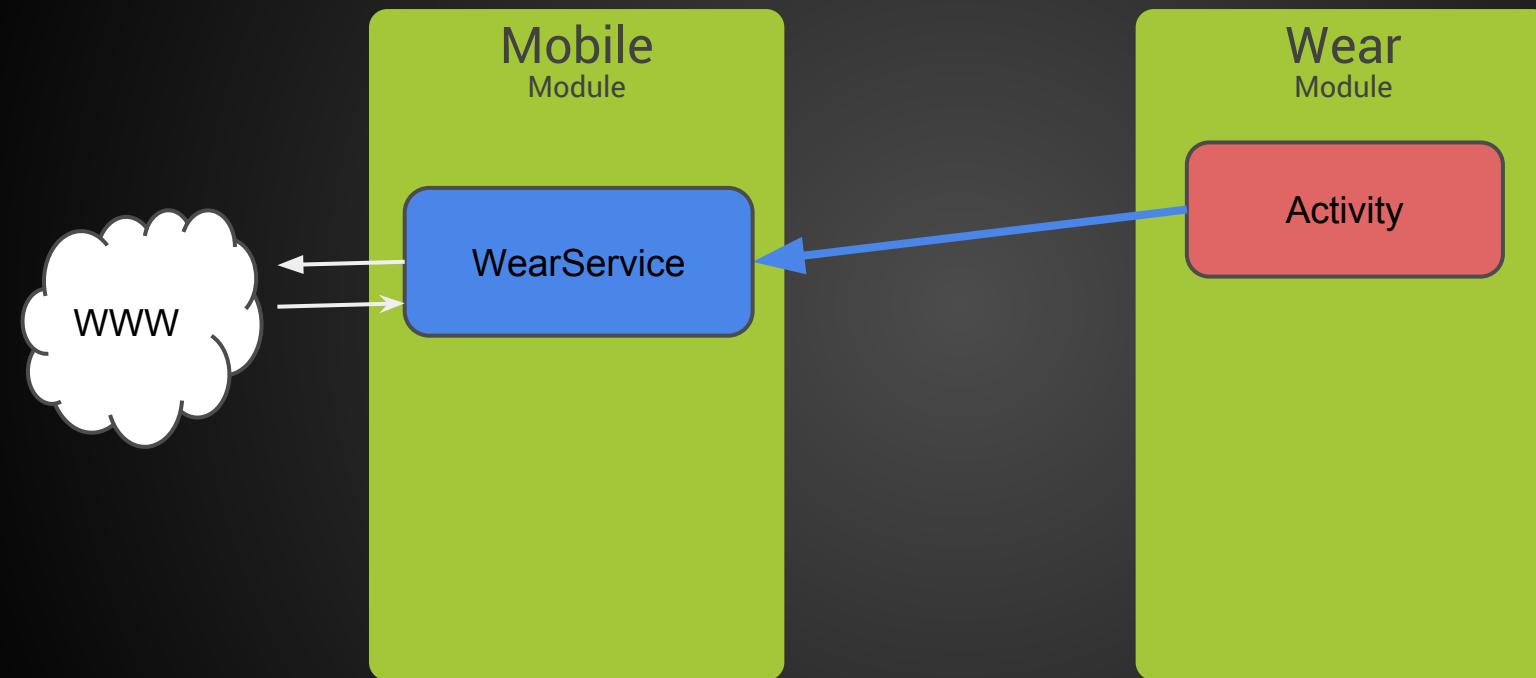
L'activité utilise un Message

EXEMPLE



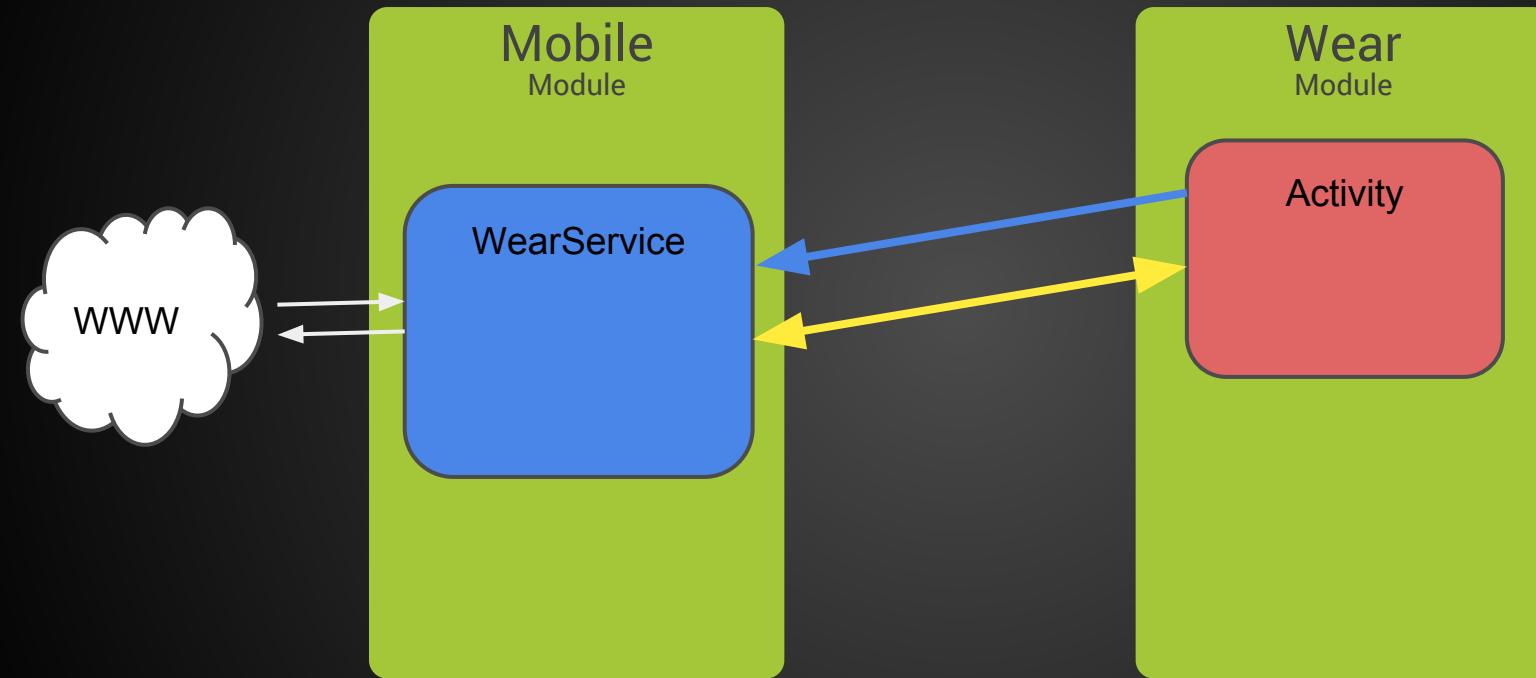
Le message réveille un service

EXEMPLE



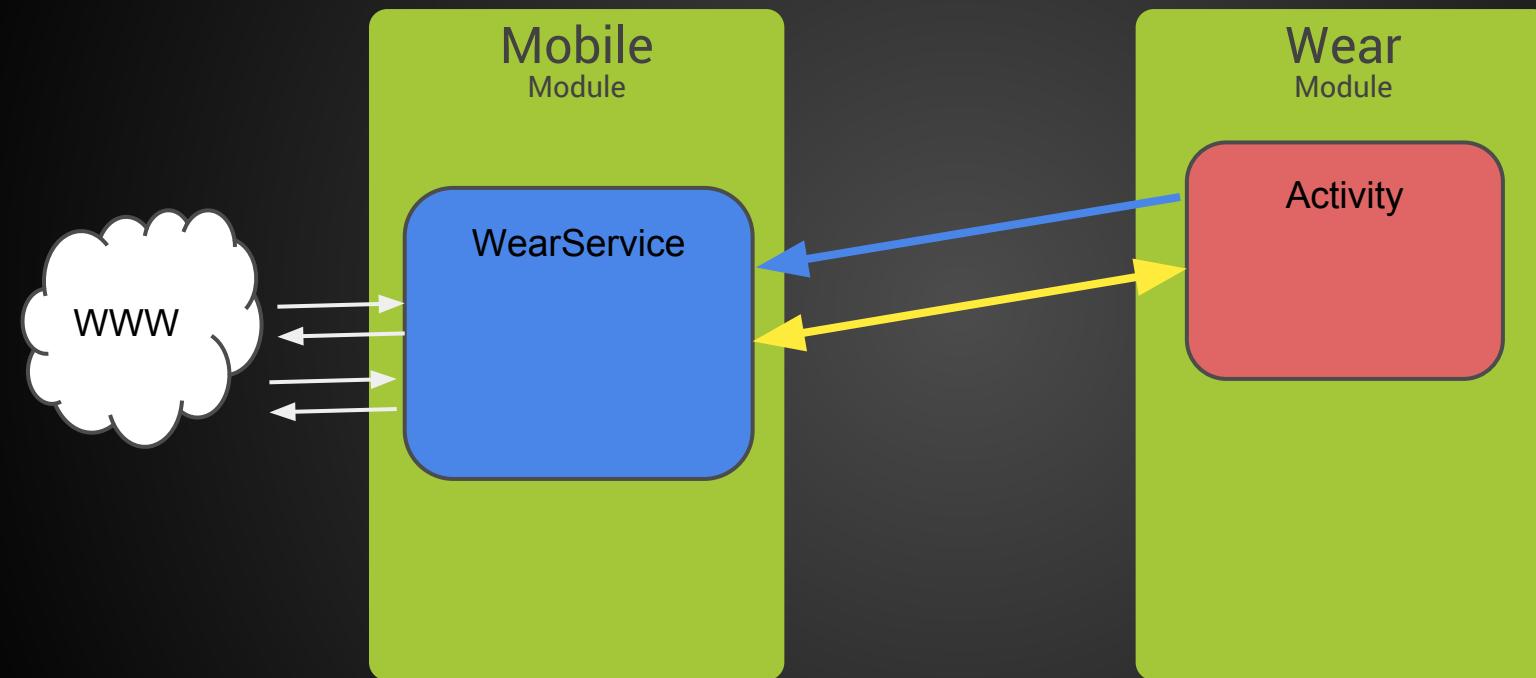
Le service cherche les données sur le web

EXEMPLE



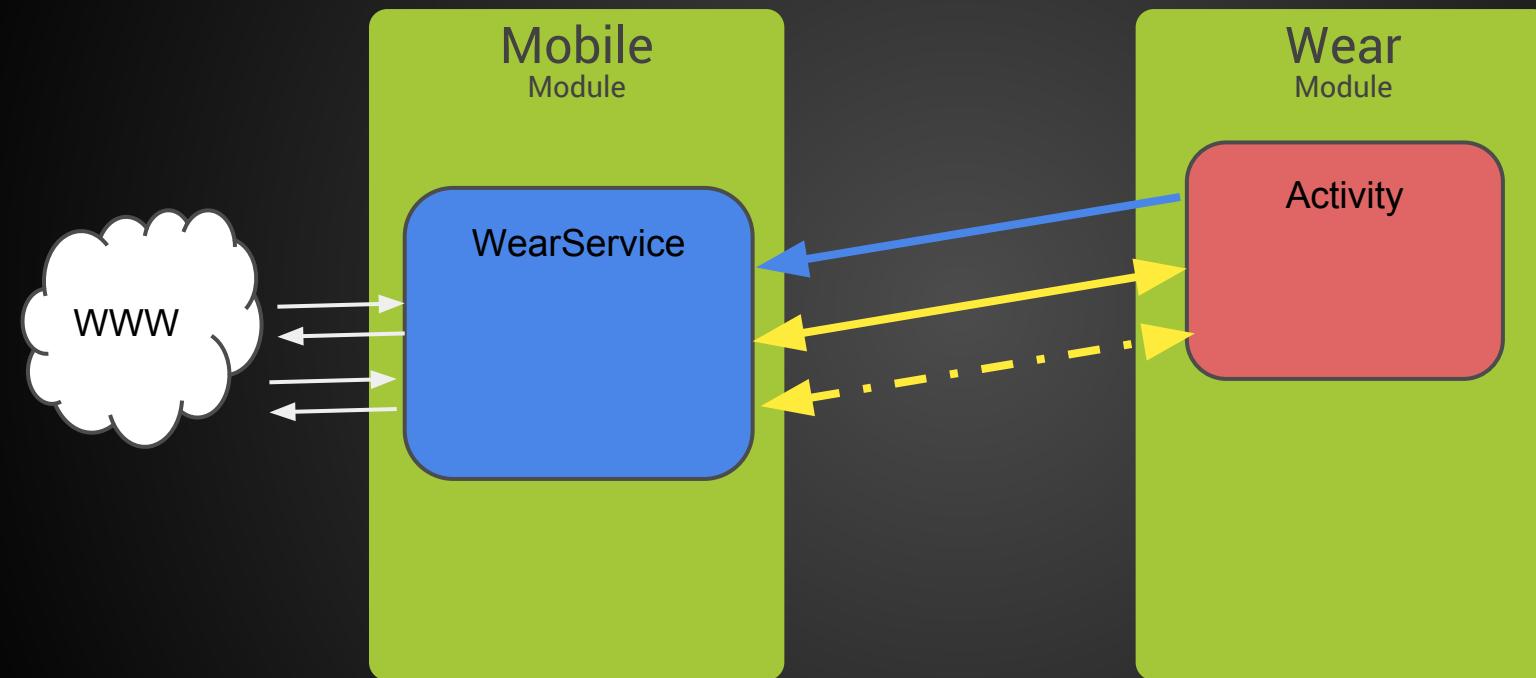
Le service DataSync les données

EXEMPLE



Le service charge l'image depuis le web

EXEMPLE



Le service DataSync l'Asset

USAGE

“*Simplicity is the
ultimate[redacted]
sophistication.*”

Leonardo da Vinci

Teleport

*Data Sync and Messaging Library
for Android Wear*



Github

github.com/Mariuxtheone/Teleport

Gradle - Maven

compile 'Teleport:teleportlib:0.1.3'



TeleportClient

Set Up:

```
TeleportClient mTeleportClient = new TeleportClient(this);  
mTeleportClient.connect();
```

Send Message

```
mTeleportClient.sendMessage("startActivity", null);
```

Sync Data

```
mTeleportClient.syncInt("myInt", 12345)
```



TeleportService

Retrieve a Message

```
setOnGetMessageTask(new TeleportService.OnGetMessageTask {  
    @Override  
    protected void onPostExecute(String path) {  
        if (path.equals("startActivity")){  
            Intent startIntent = new Intent(this, WearActivity.  
                class);  
            startIntent.addFlags(Intent.FLAG_ACTIVITY_NEW_TASK);  
            startActivity(startIntent);  
        }  
    }  
});
```





Github : TheDamFr
Twitter : @TheDamFr



SW Lille Maker

Le 6-8 février 2014

Visitez lille.up.co

Code Promo SWLovesBreizhJUG