



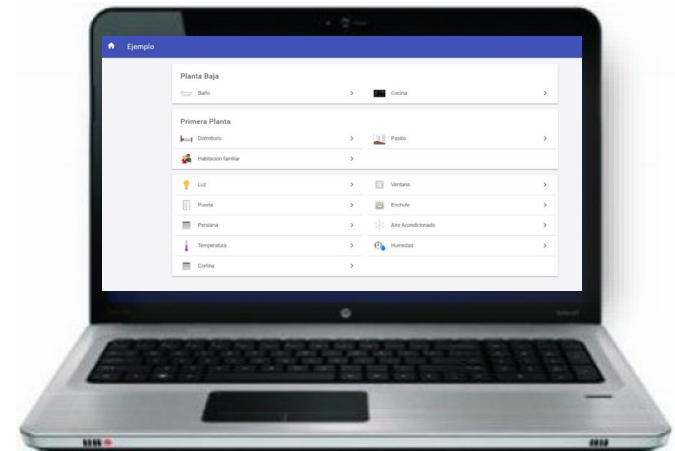
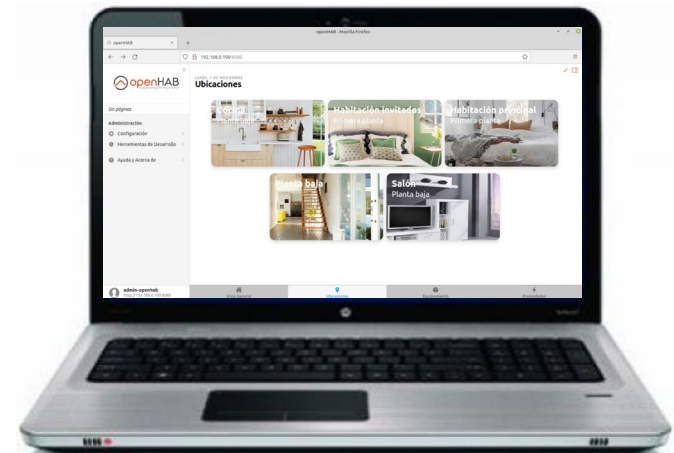
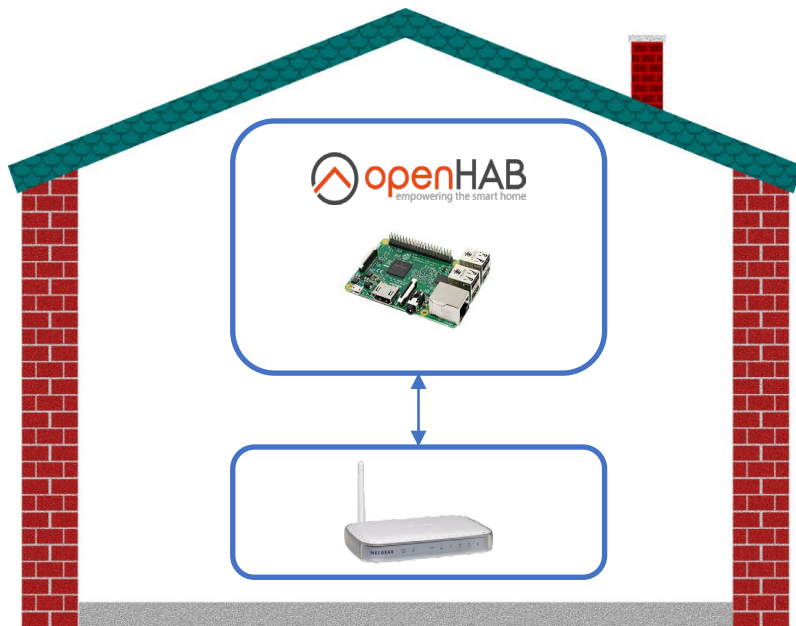
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Uso del IoT para construir tú mismo un hogar digital

Aplicación de openHAB para el teléfono

Javier Malagón

Acceso desde el ordenador

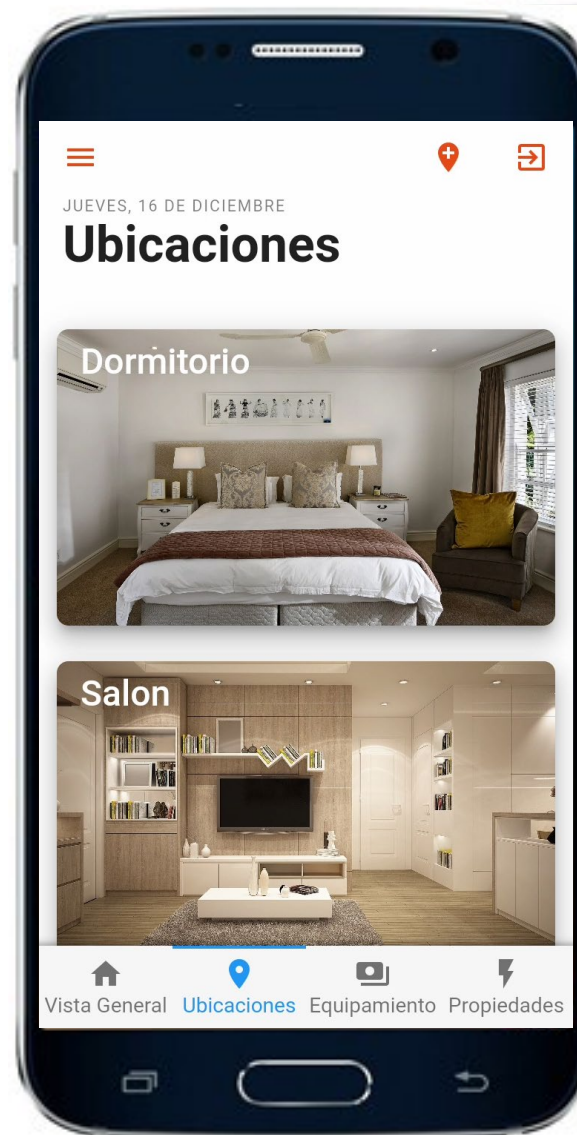


Acceso desde el navegador del teléfono

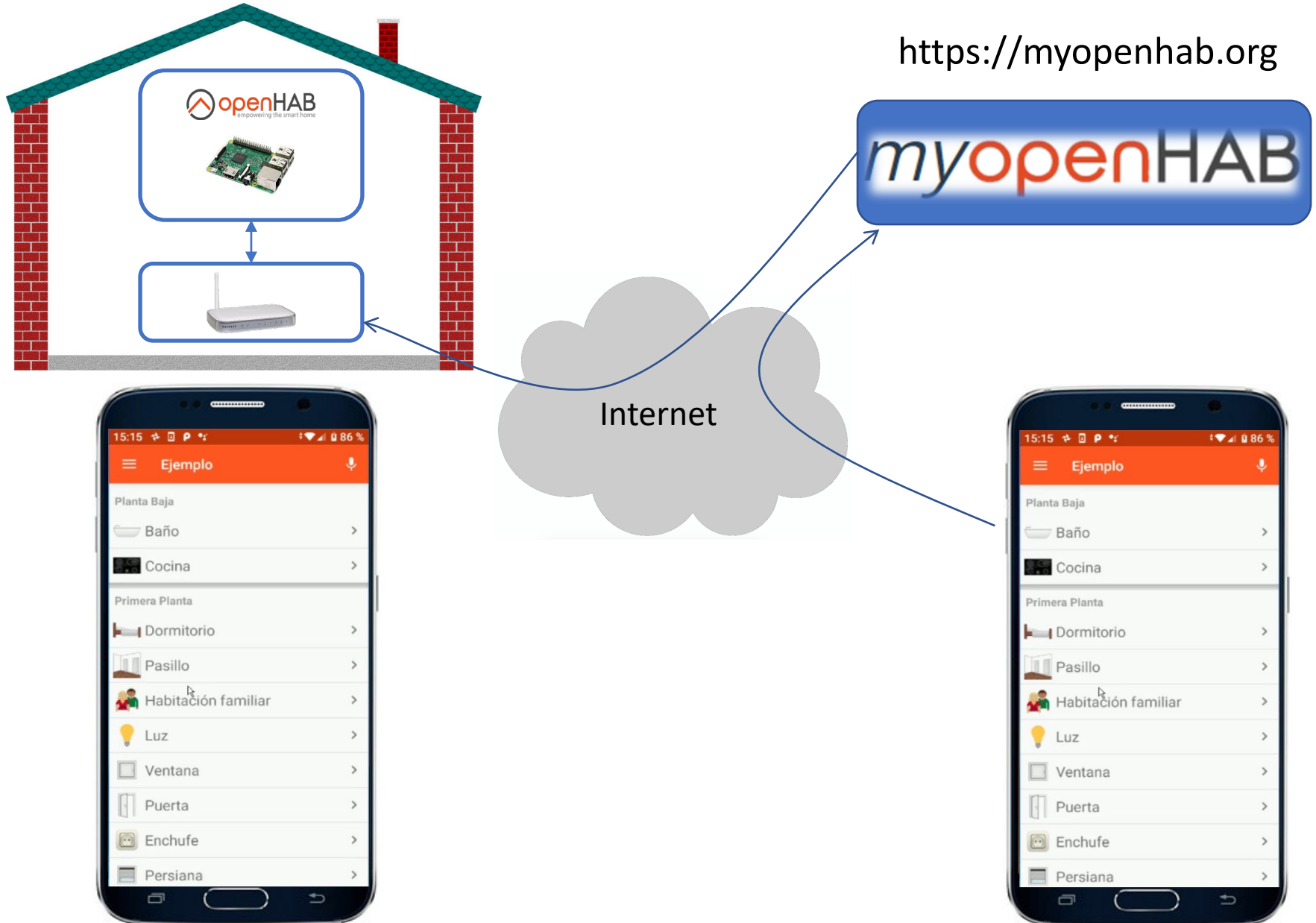
<https://myopenhab.org>



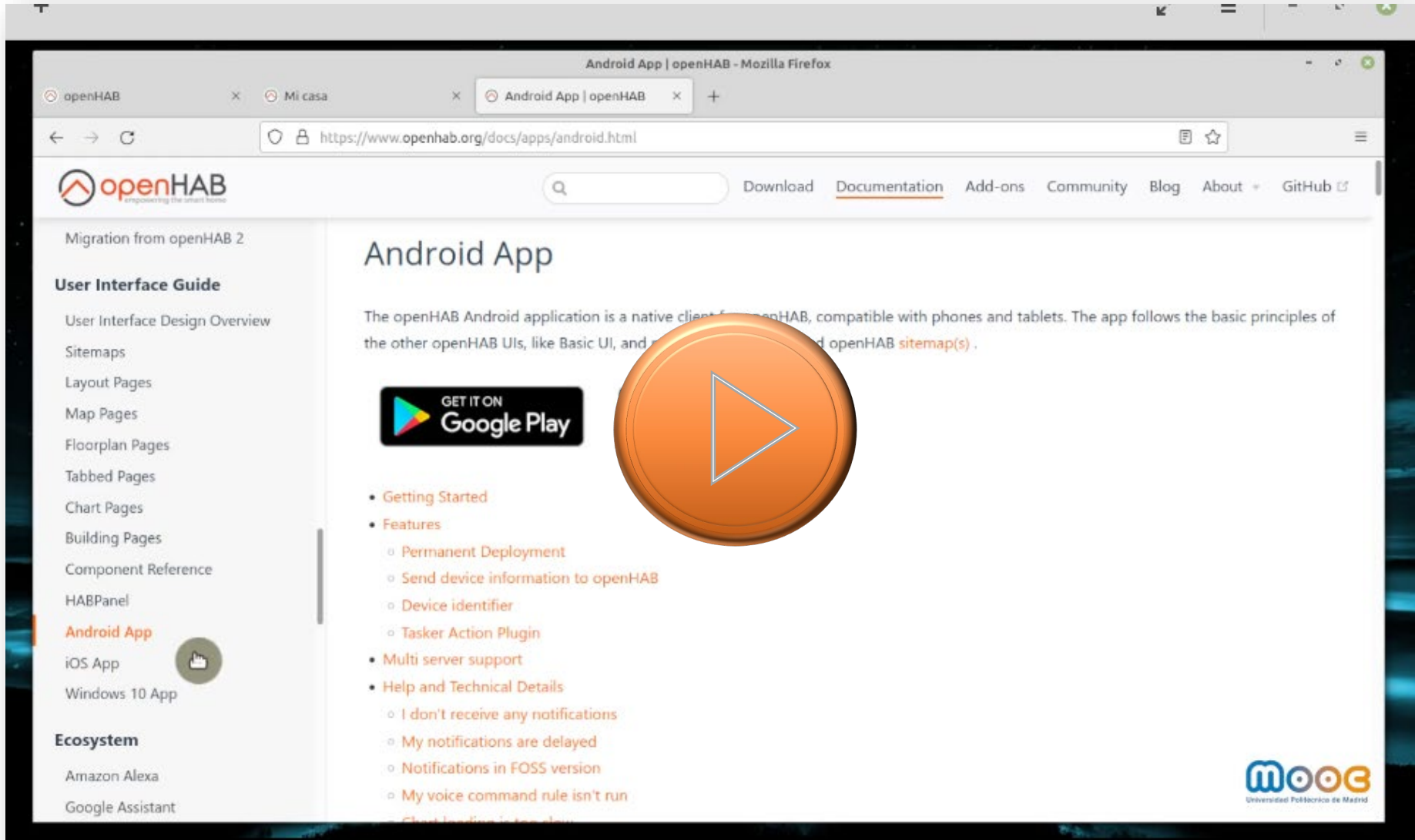
Aplicación openHAB para teléfono



Conexión automática a openHAB



Video: instalación de la APP



Android App | openHAB - Mozilla Firefox

openHAB Mi casa Android App | openHAB

https://www.openhab.org/docs/apps/android.html

openHAB
empowering the smart home

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Android App

The openHAB Android application is a native client for openHAB, compatible with phones and tablets. The app follows the basic principles of the other openHAB UIs, like Basic UI, and uses the same openHAB [sitemap\(s\)](#).

GET IT ON Google Play

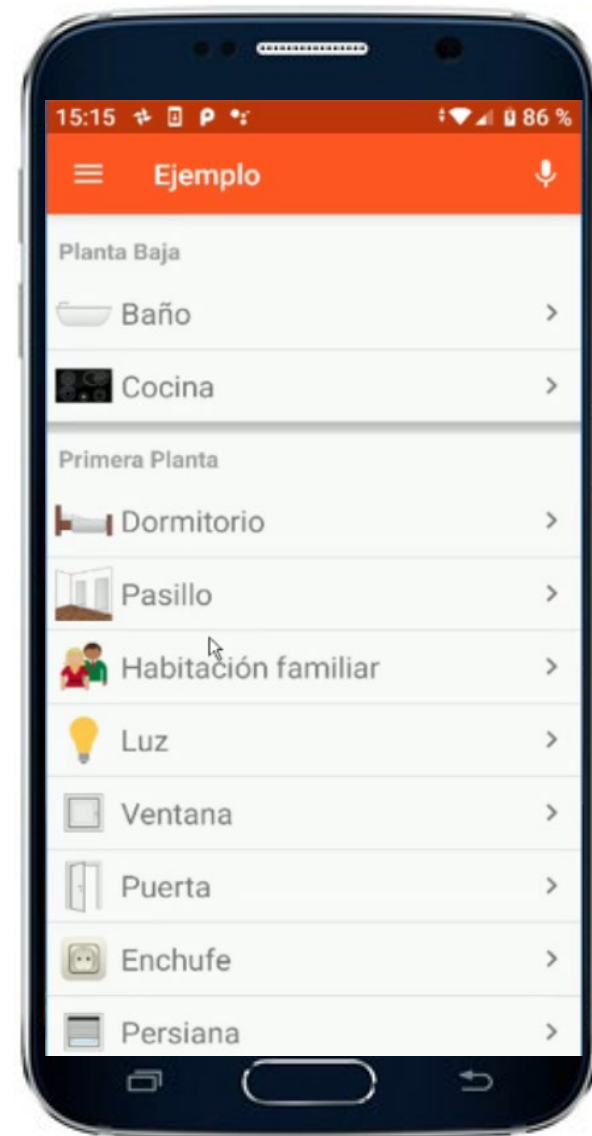
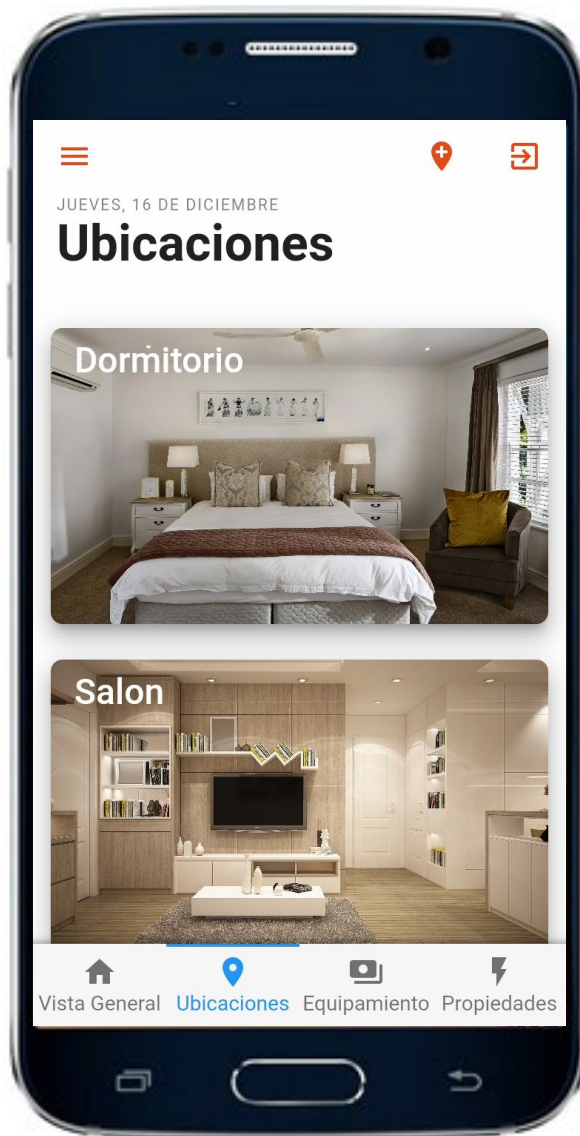
- **Getting Started**
- **Features**
 - Permanent Deployment
 - Send device information to openHAB
 - Device identifier
 - Tasker Action Plugin
- **Multi server support**
- **Help and Technical Details**
 - I don't receive any notifications
 - My notifications are delayed
 - Notifications in FOSS version
 - My voice command rule isn't run

Ecosystem

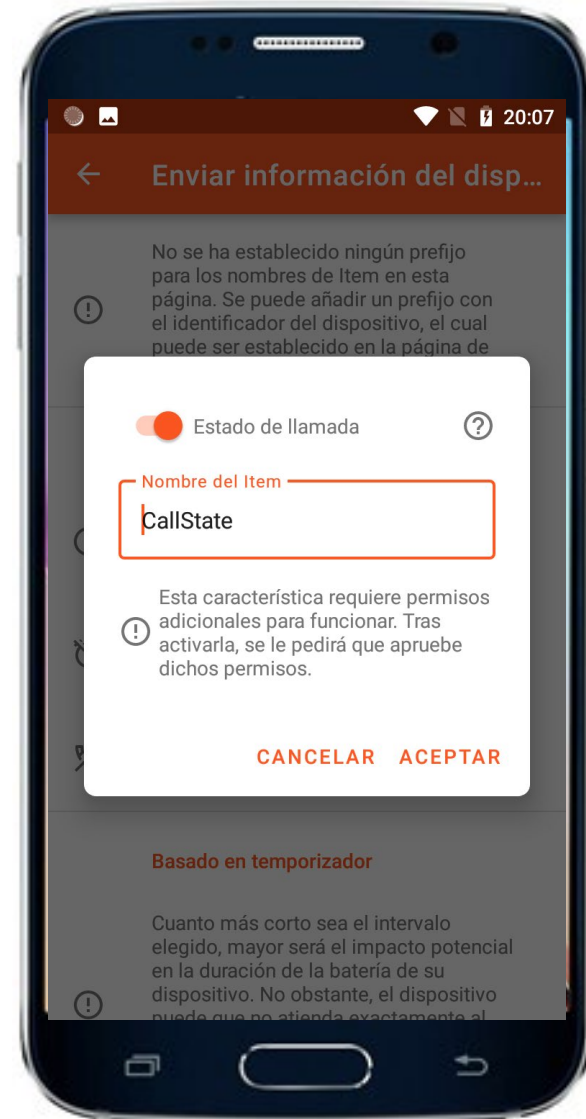
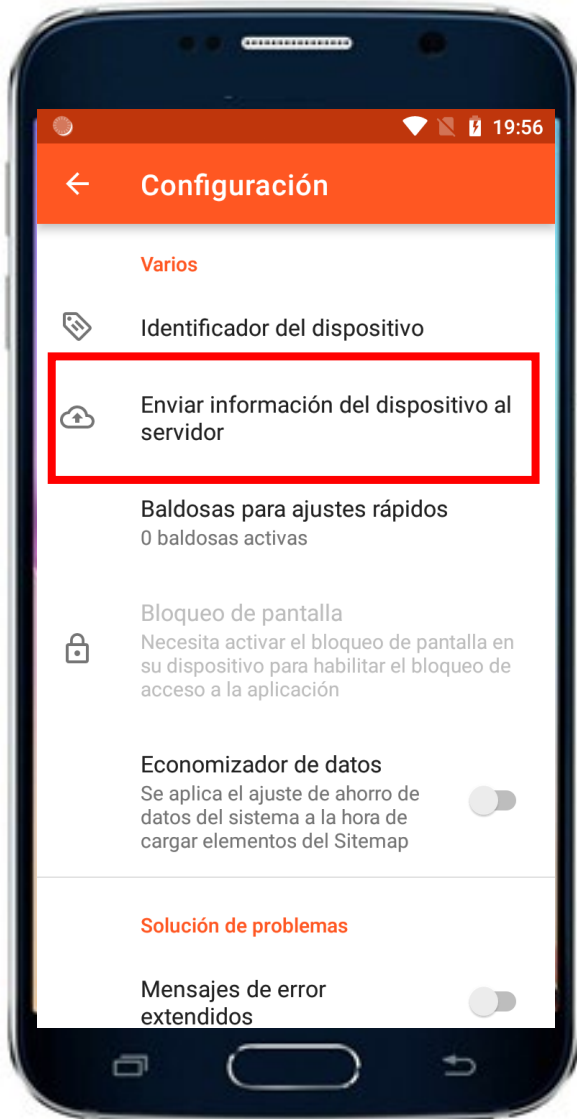
- Amazon Alexa
- Google Assistant

MOOS
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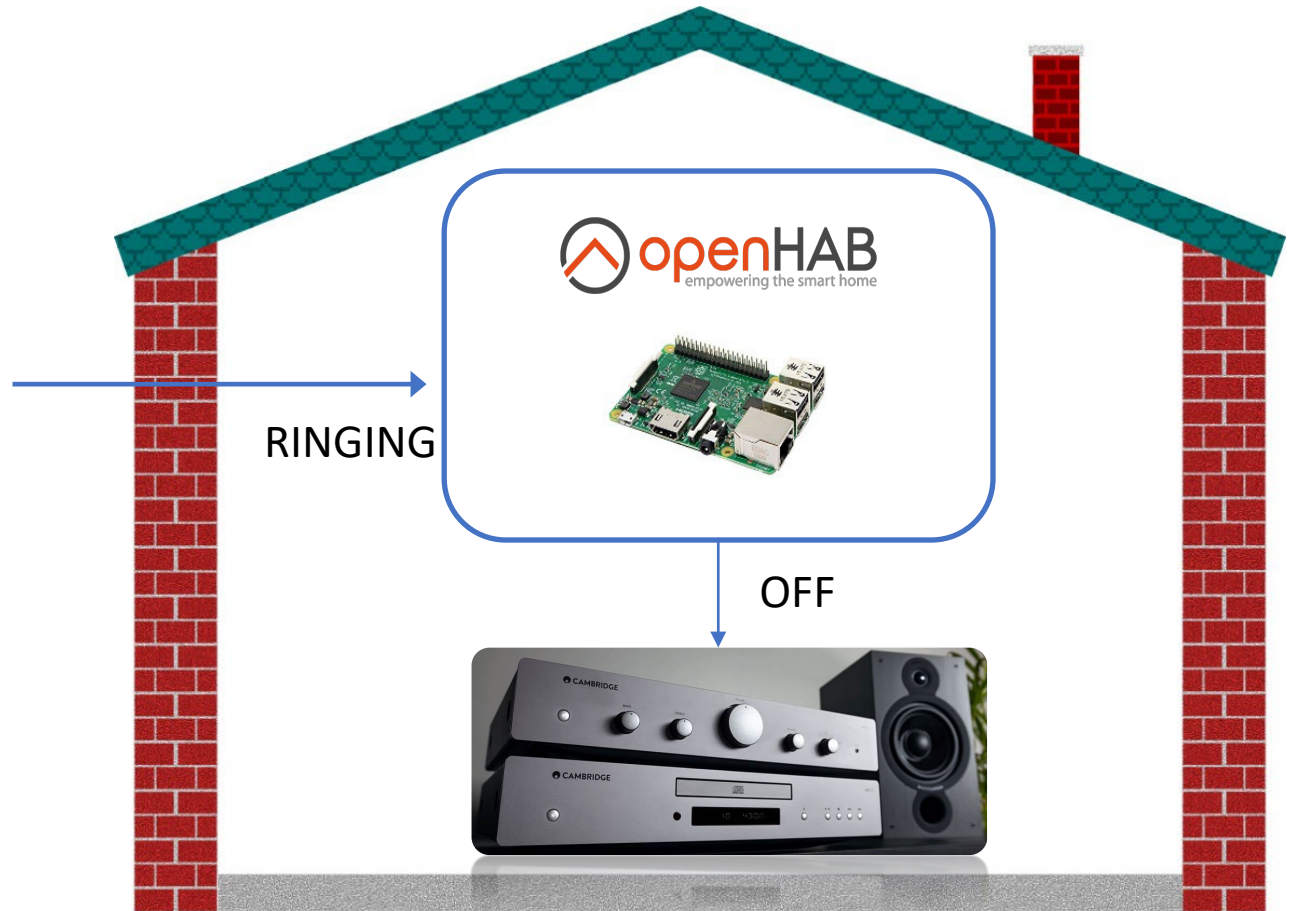
Elección de interfaz



Enviar información al servidor



Enviar estado de llamada



Call State

Example item definition:

```
String CallState "Call State [%s]" <soundvolume>
```

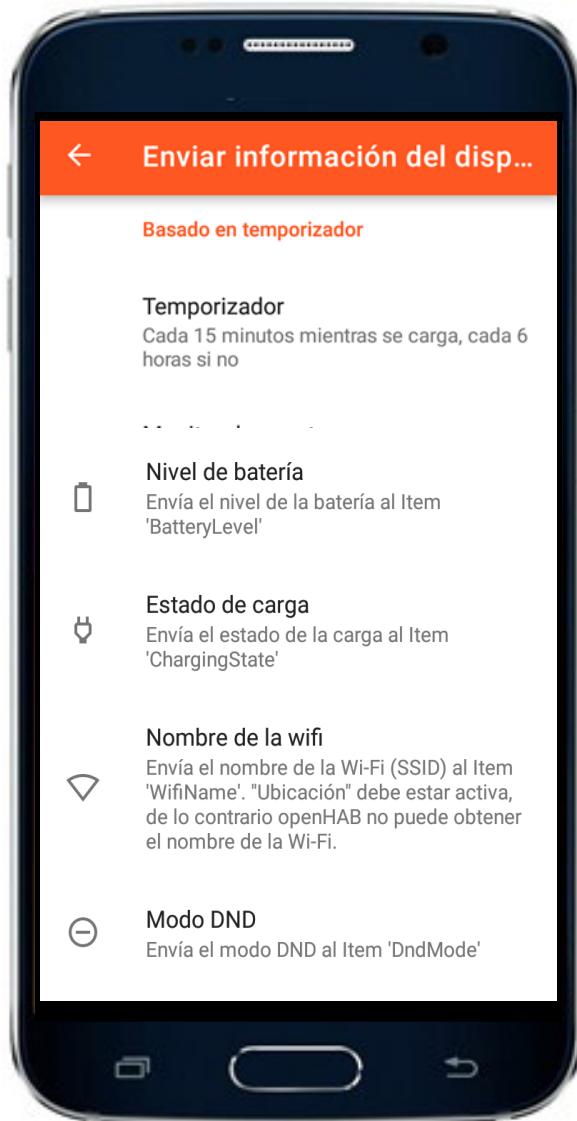
java

Example rule:

```
rule "Call State"
when
    Item CallState changed
then
    if (CallState.state == "IDLE") {
        // No call activity
    } else if (CallState.state == "RINGING") {
        // A new call arrived and is ringing or waiting. In the latter case, another call is already active.
    } else if (CallState.state == "OFFHOOK") {
        // At least one call exists that is dialing, active, or on hold, and no calls are ringing or waiting.
    }
end
```

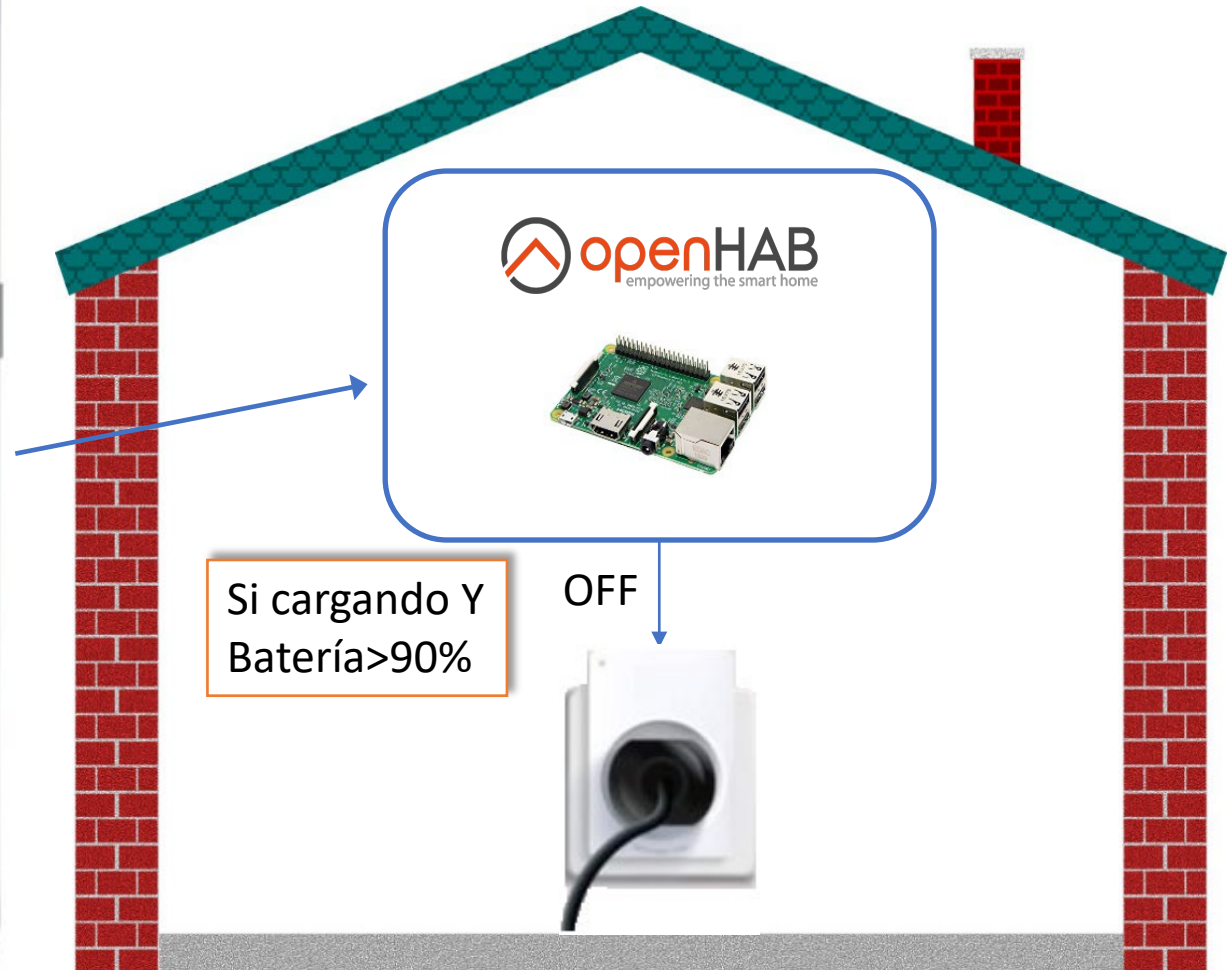
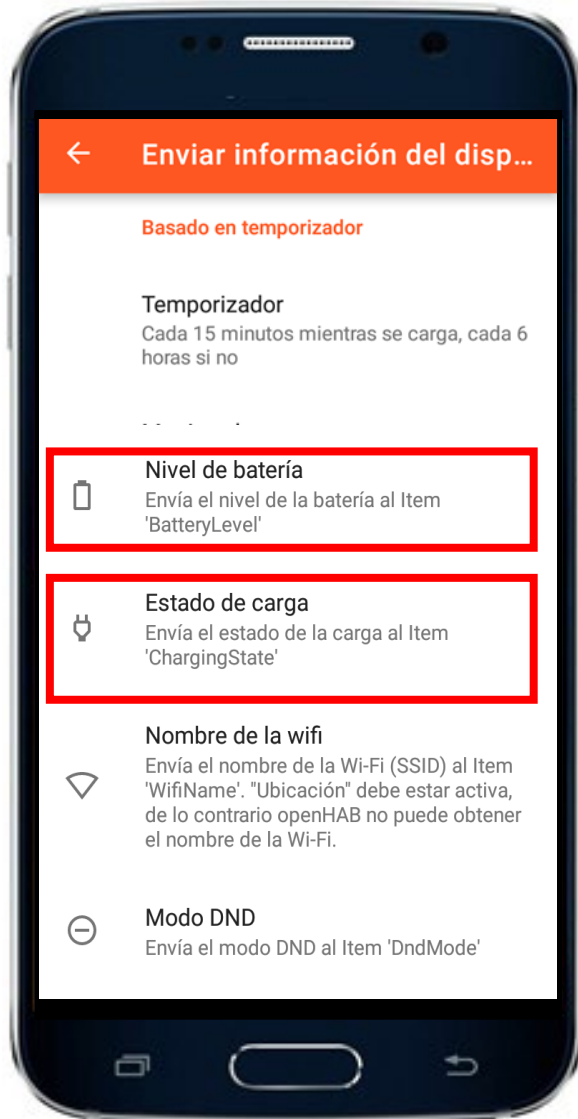
java

Enviar información al servidor

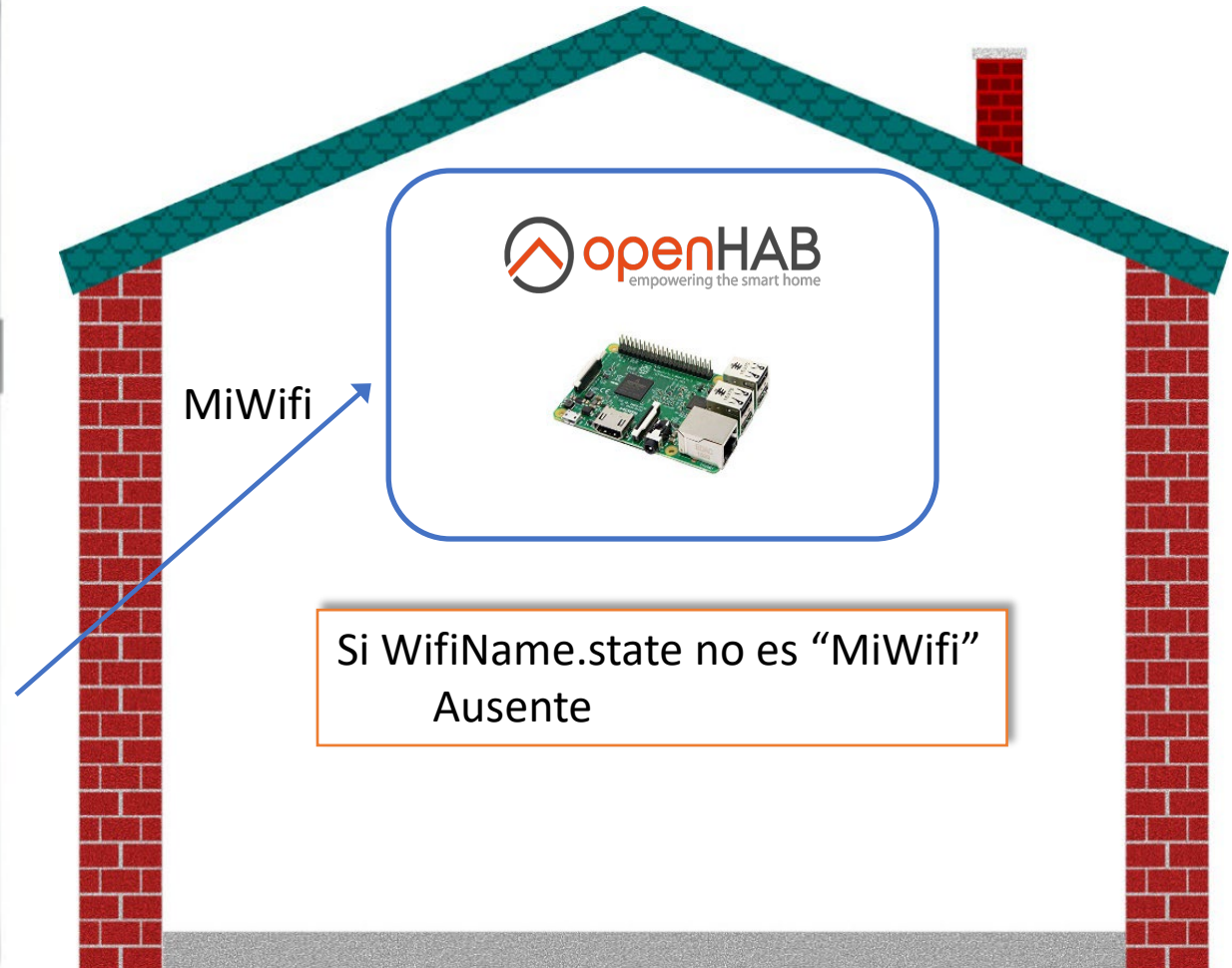
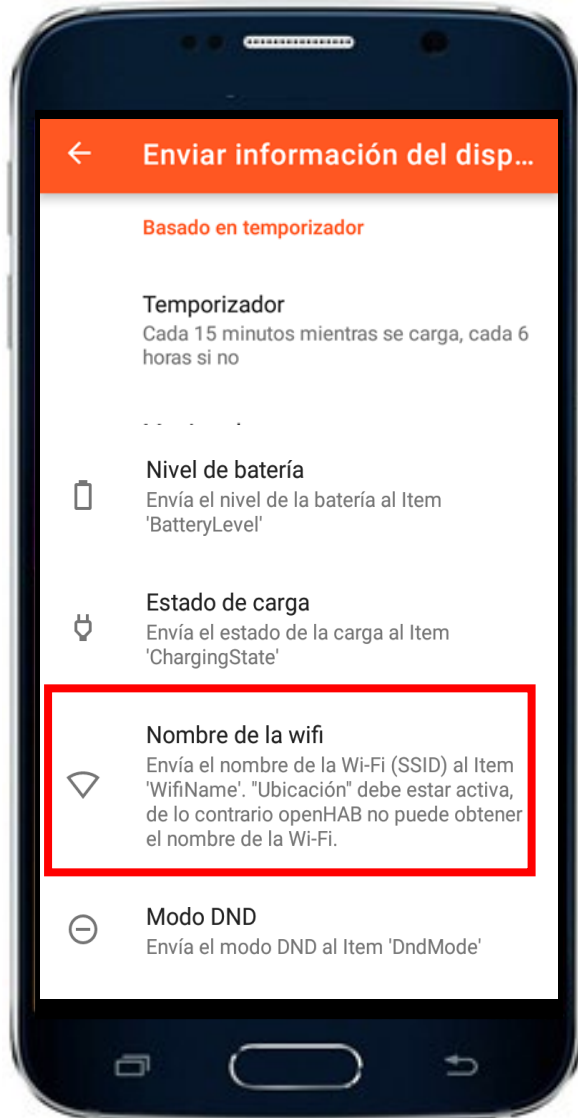


Teléfono		
	Nivel de batería	90 %
	Estado de carga	USB
	Nombre de la wifi	MiWifi
	Modo no molestar	OFF

Control de la carga del teléfono



Detección de ausencia



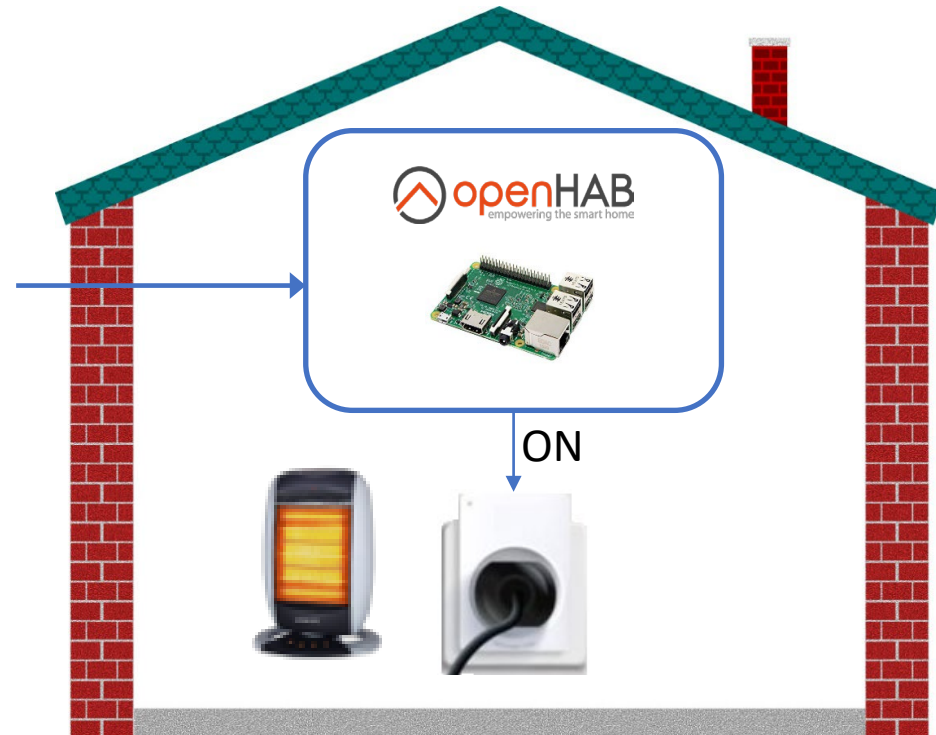
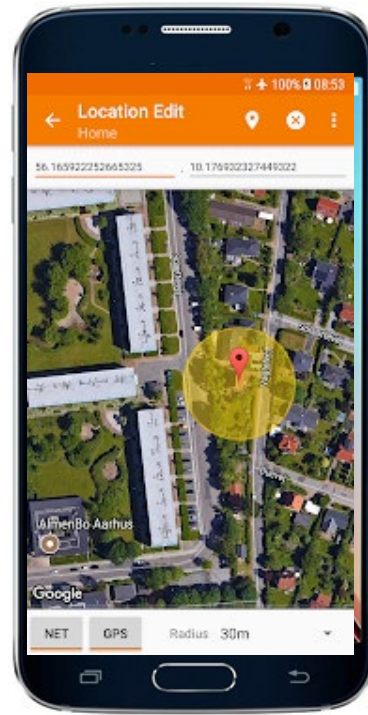
Tasker con openHAB



+



openHAB
empowering the smart home



Notificaciones push



< Back

Edit Script

application/vnd.openhab.dsl.rule

Save (Ctrl-S)

```
1 // Enviar una notificación al teléfono
2 sendNotification("correo electrónico de myopenhab", "Texto de la notificación")
```

Sin páginas

Administración

⚙ Configuración >

💡 Things

☰ Model

📁 Items

📄 Pages


⚡ Rules >

📄 Scripts

📅 Schedule

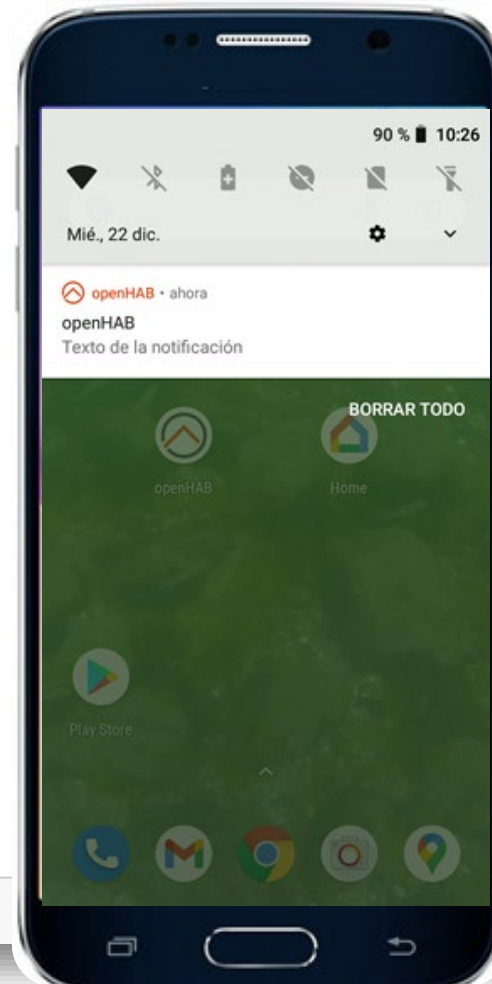
! Herramientas de Desarrollo >

? Ayuda y Acerca de >

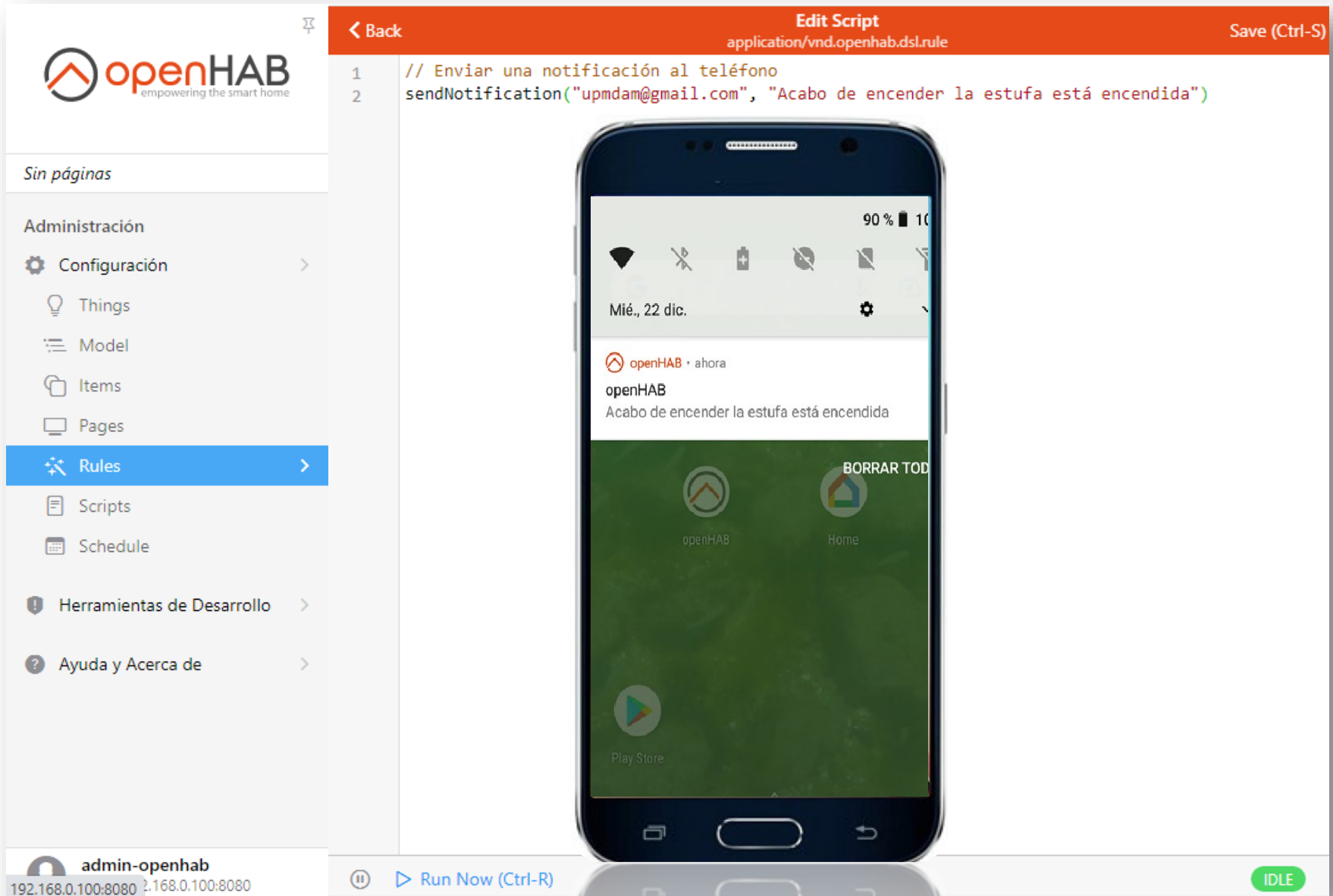
 admin-openhab
http://192.168.0.100:8080

⏸ ▶ Run Now (Ctrl-R)

IDLE



Notificaciones push



The screenshot displays the openHAB web interface. On the left is a navigation sidebar with the openHAB logo and a menu including 'Sin páginas', 'Administración', 'Configuración', 'Things', 'Model', 'Items', 'Pages', 'Rules' (highlighted), 'Scripts', 'Schedule', 'Herramientas de Desarrollo', and 'Ayuda y Acerca de'. The main area is titled 'Edit Script' and shows a script for sending a push notification to a phone. The script code is as follows:

```
1 // Enviar una notificación al teléfono
2 sendNotification("upmdam@gmail.com", "Acabo de encender la estufa está encendida")
```

Below the code is a mobile phone mockup showing a notification received from 'openHAB' with the message 'Acabo de encender la estufa está encendida'. The phone's home screen also shows the openHAB and Home app icons. At the bottom of the interface, there is a status bar with 'admin-openhab' and IP addresses, a 'Run Now (Ctrl-R)' button, and an 'IDLE' indicator.



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