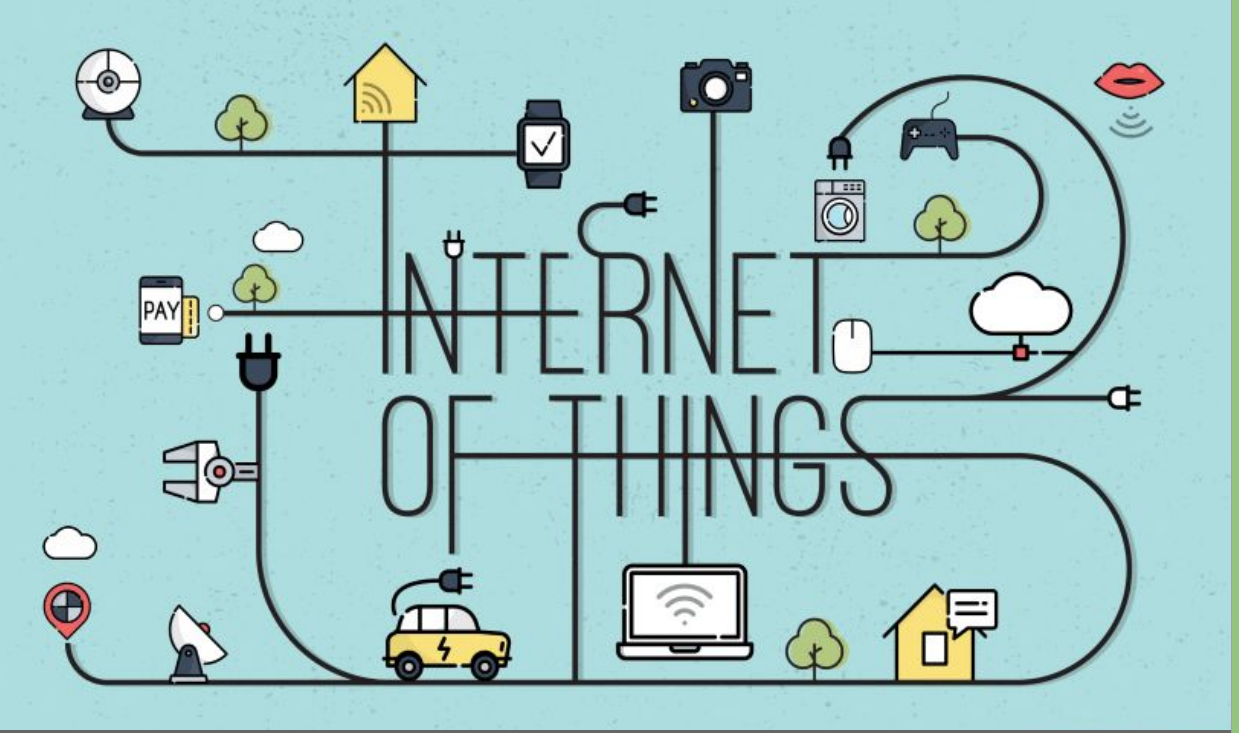


Criando um Dashboard de IoT com o MQTT Dash

ARDUINO™

Professor: Luiz Felipe Oliveira

Parte 0: Explicando o MQTT

Parte 1: Publicação dos Dados

Parte 2: Visualização dos Dados

Modo Station + Cloud + **App**

WIFI MODE STATION

CLOUD

MinhaRede

192.168.0.1

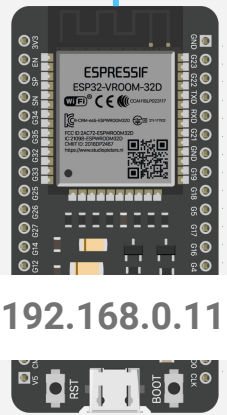
CLOUD

MQTT Broker

MQTT

DISPOSITIVO

ARDUINO IDE



MQTT Client

MQTT

publisher

millis();

192.168.0.11

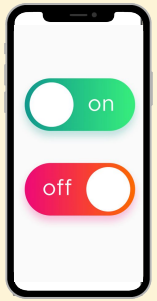
CLIENTE

MQTT

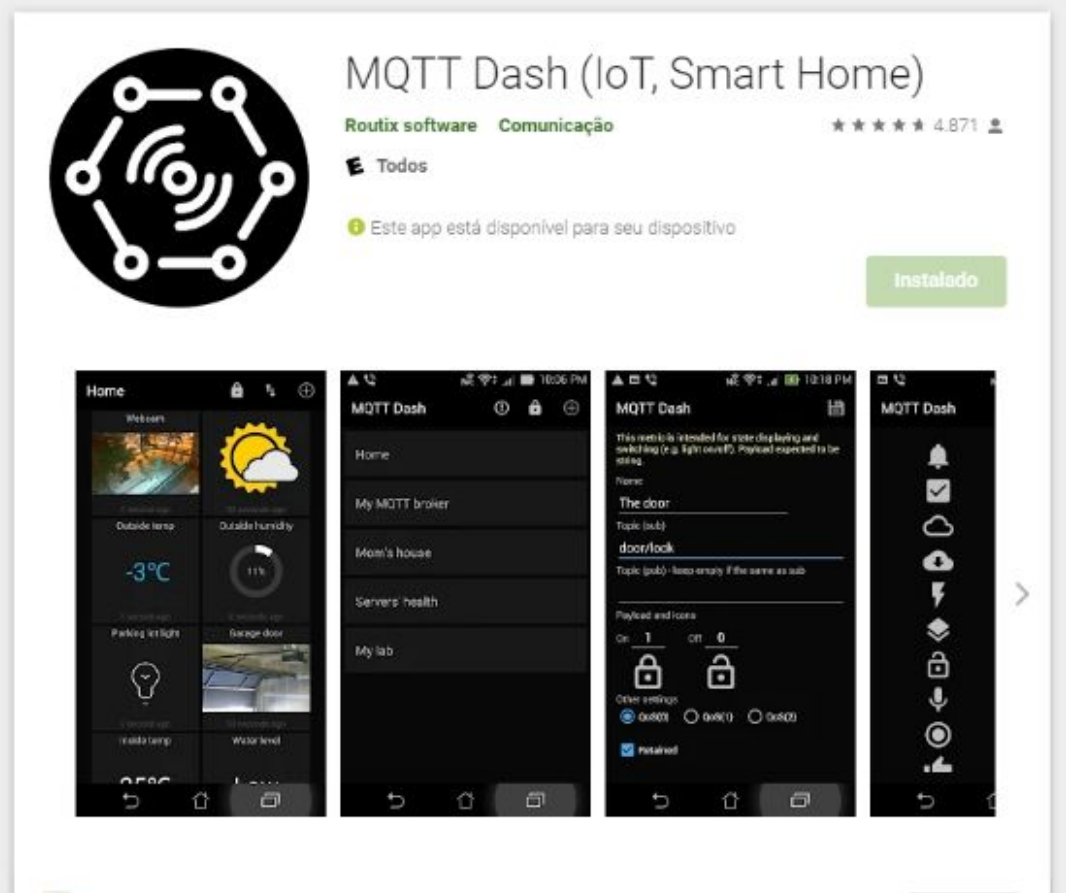
subscriber

MQTT Dash

Control the Things via MQTT protocol

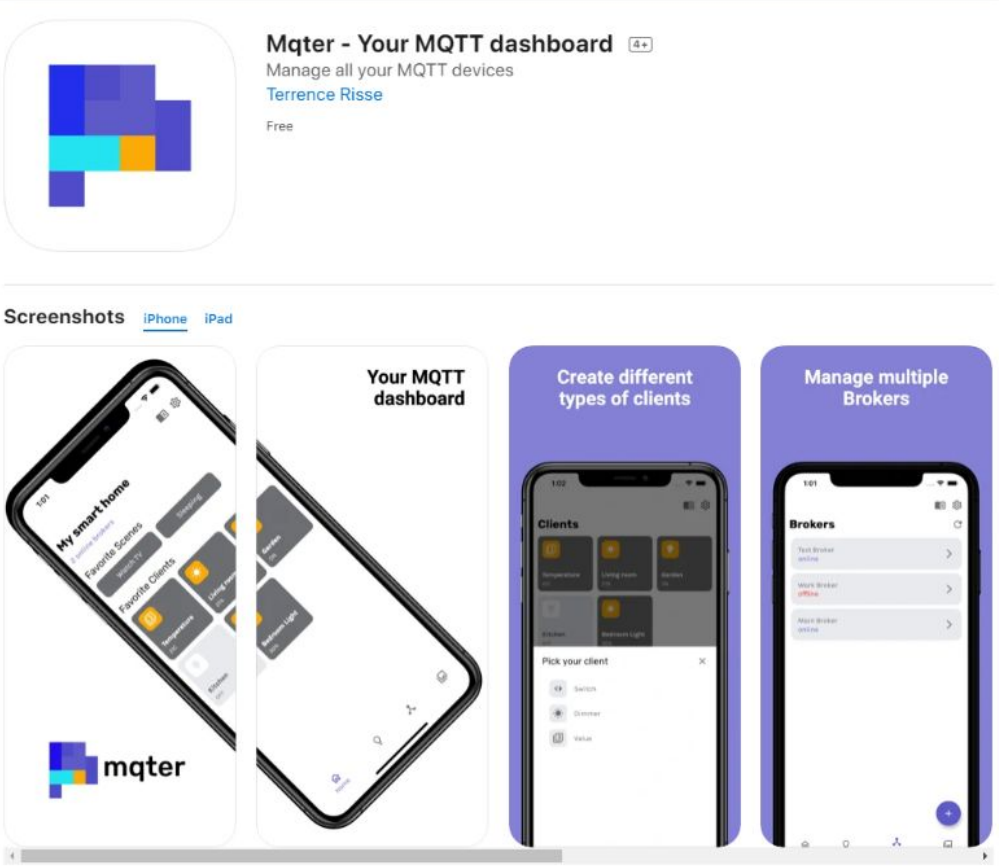


Instalando o MQTT Dash no Android



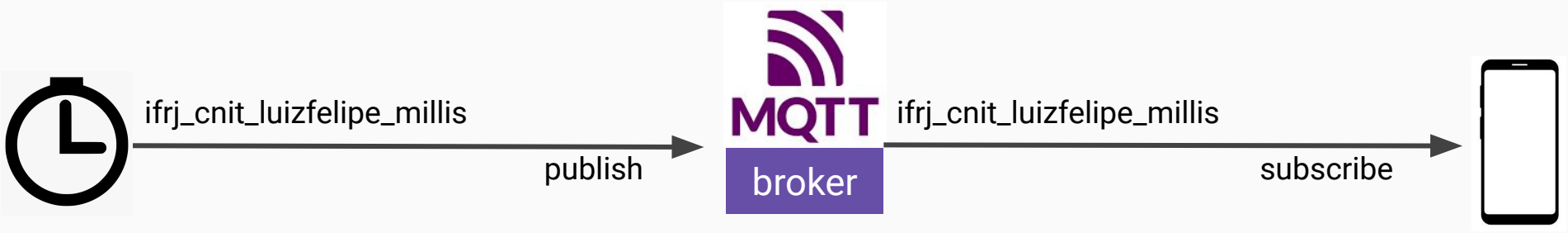
android

Instalando o Mqter no iOS



iOS

Resumo



MQTT_BROKER: broker.hivemq.com
MQTT_PORT: 1883

Criando o Dashboard IFRJ CNIT

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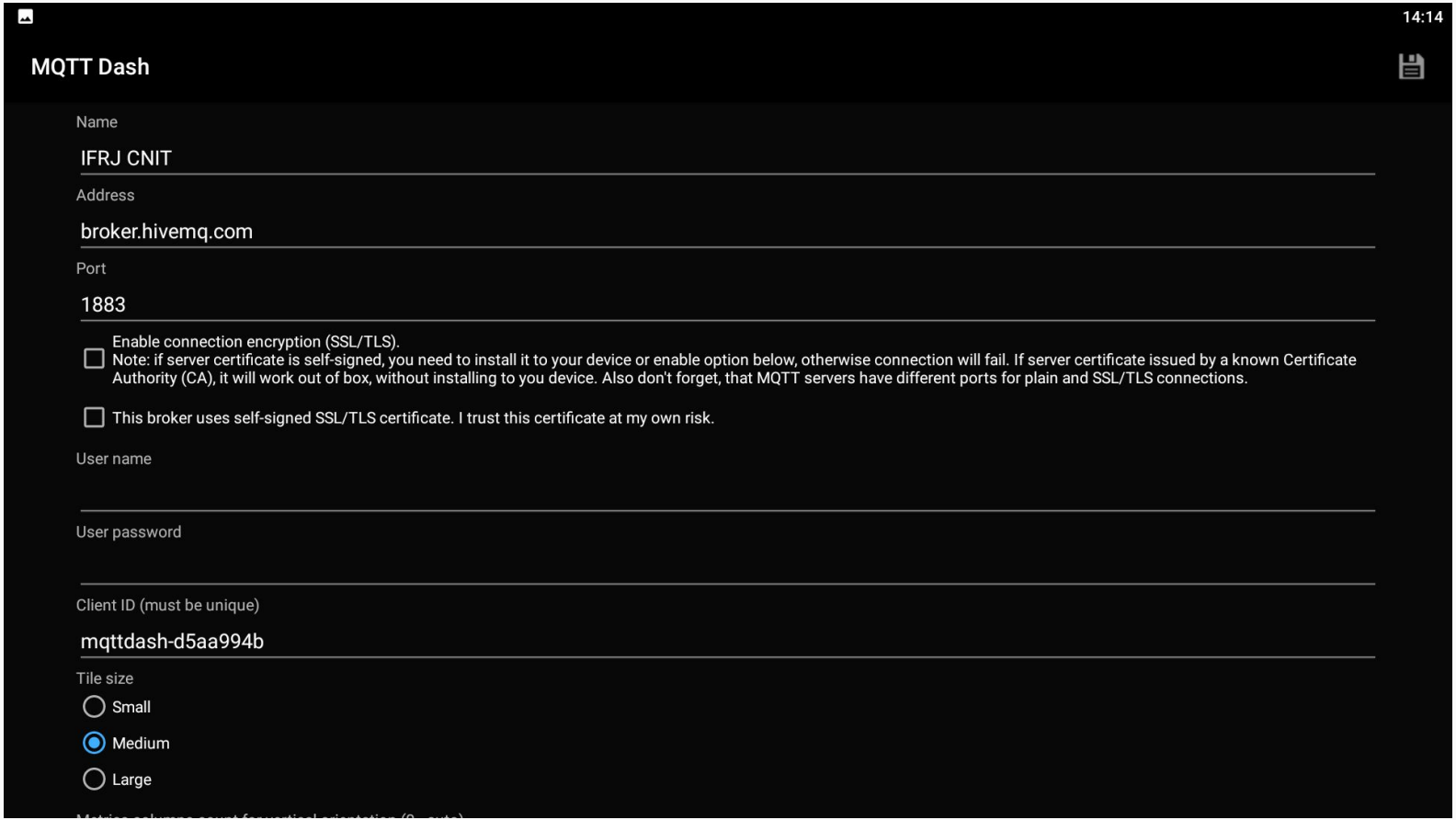

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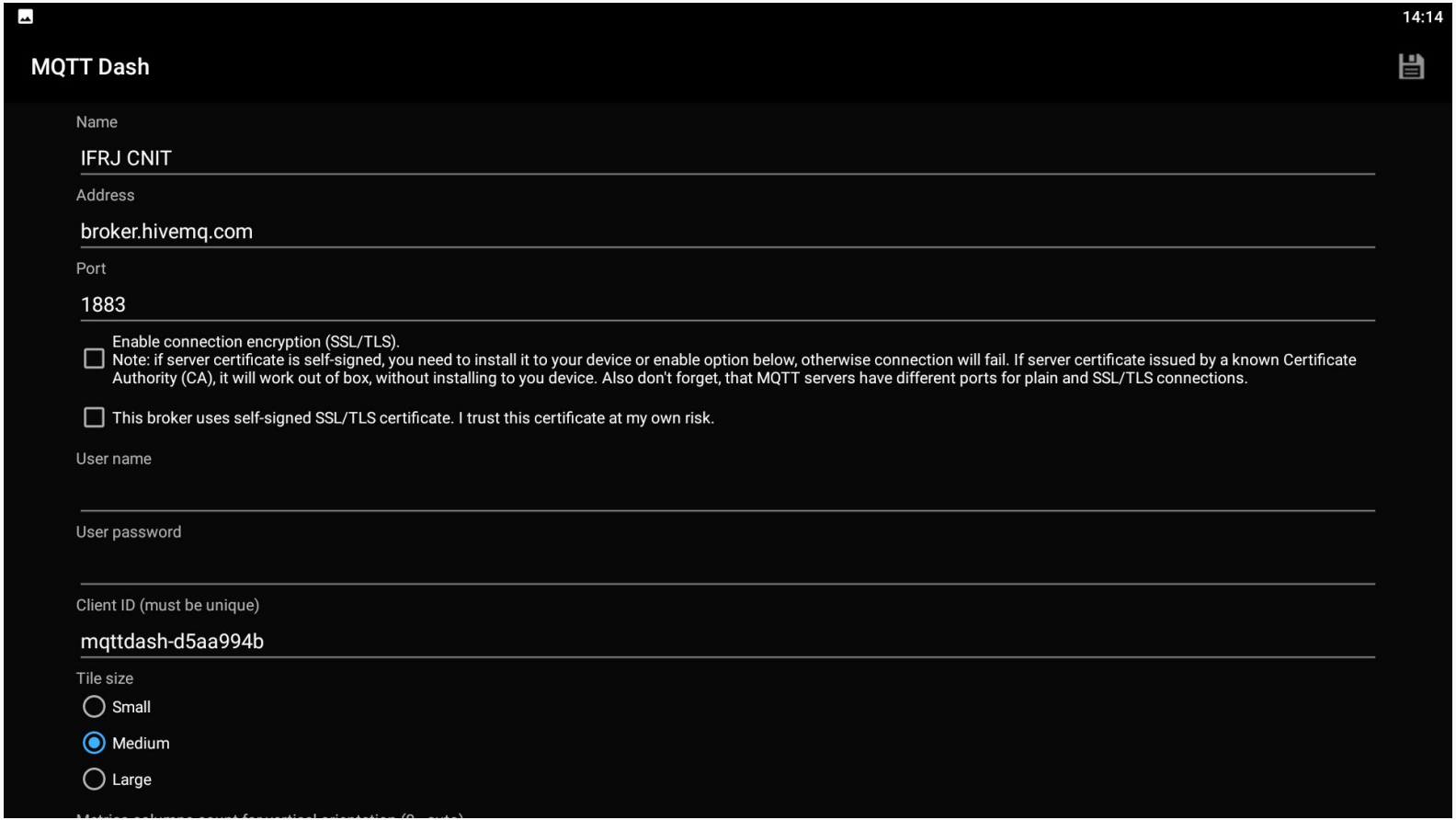

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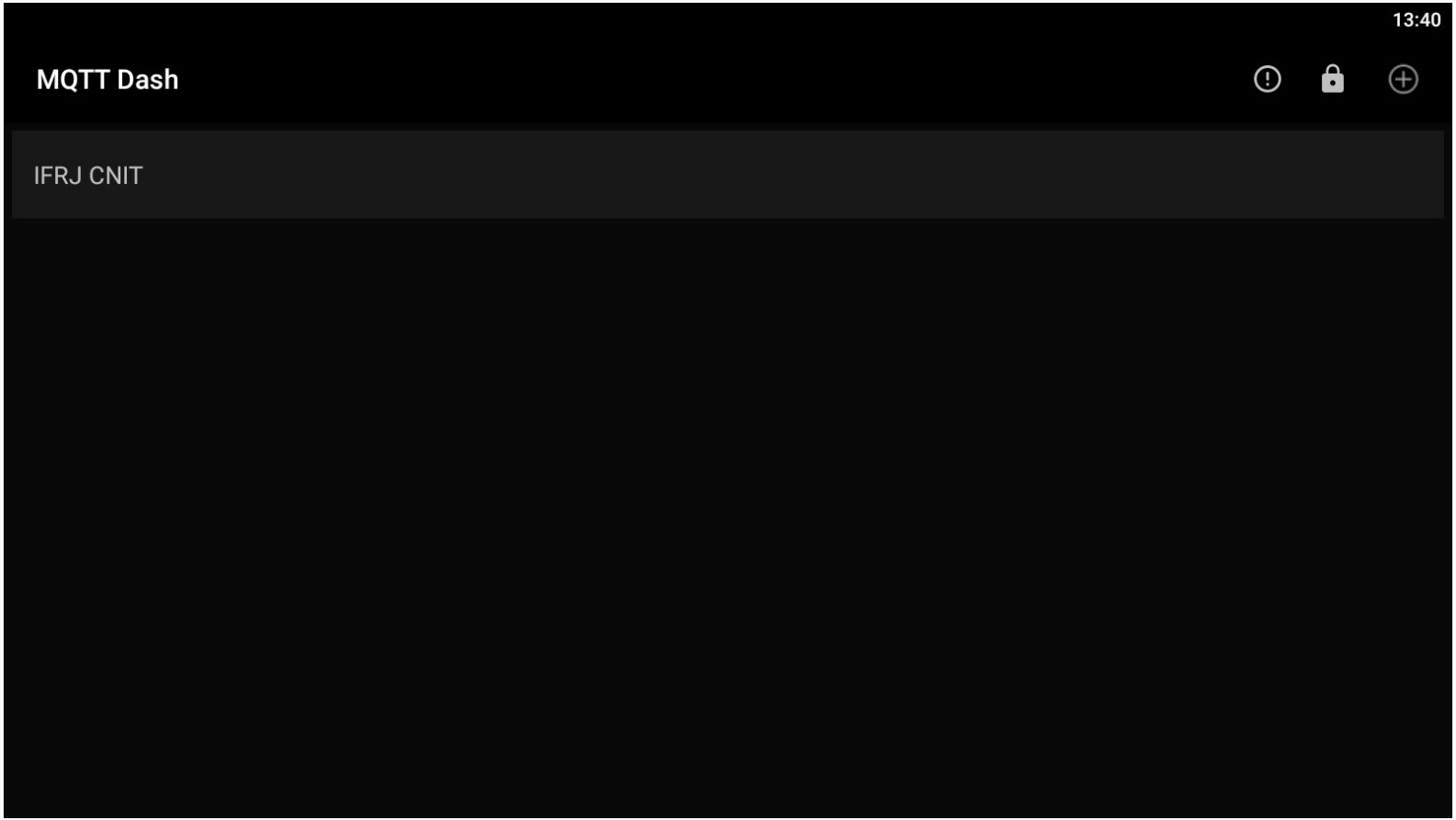

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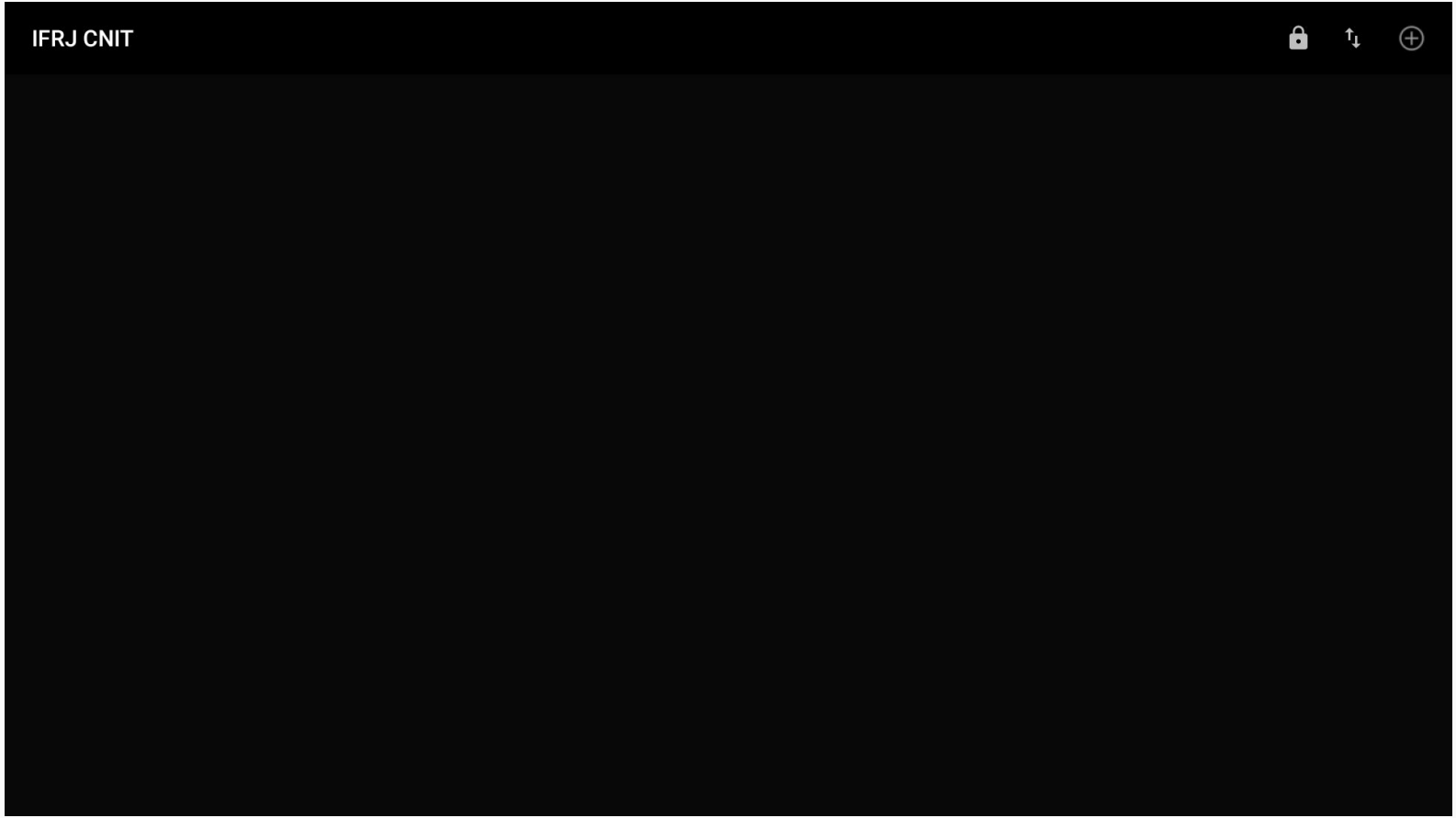
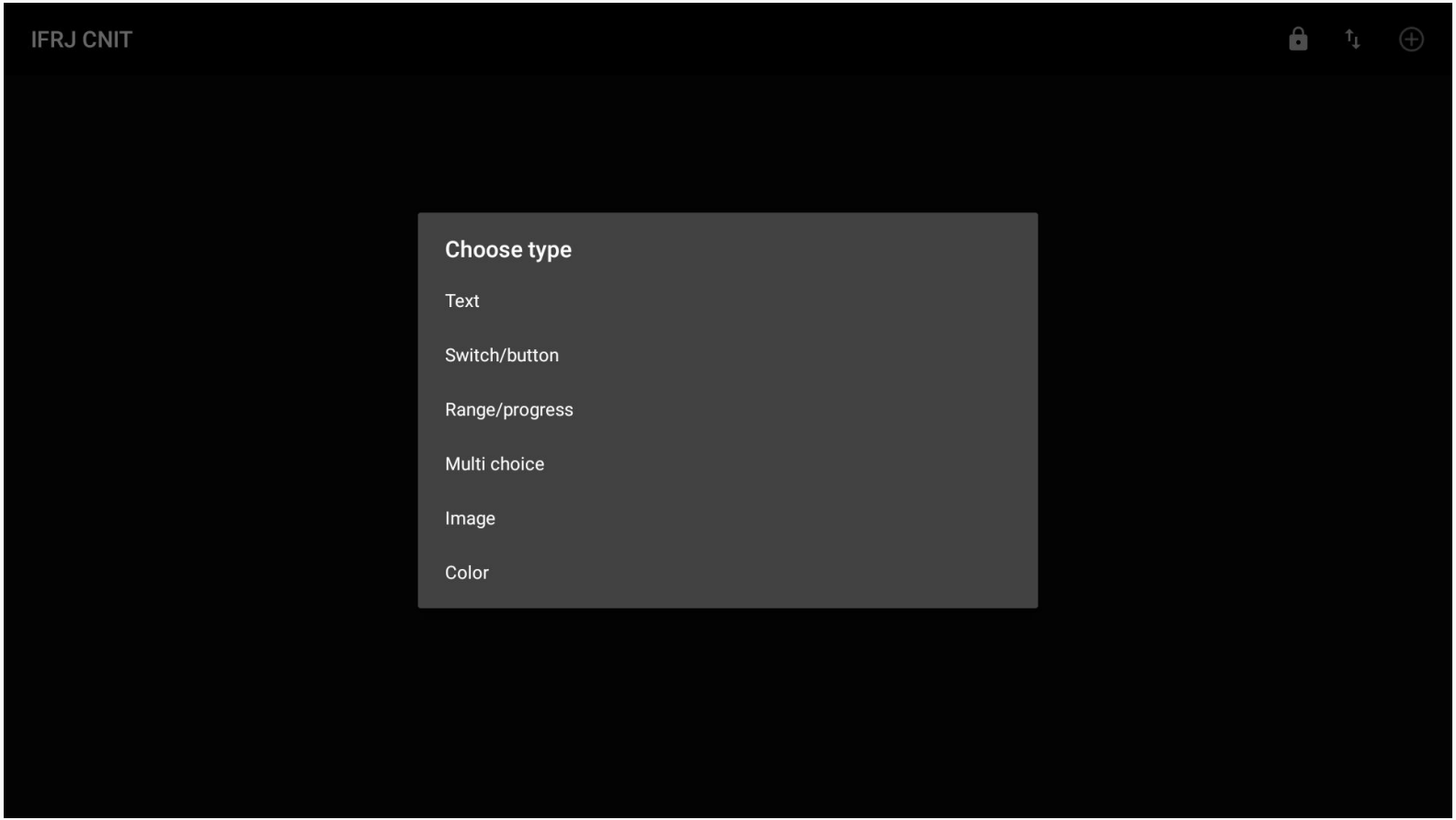


Criando o Dashboard IFRJ CNIT



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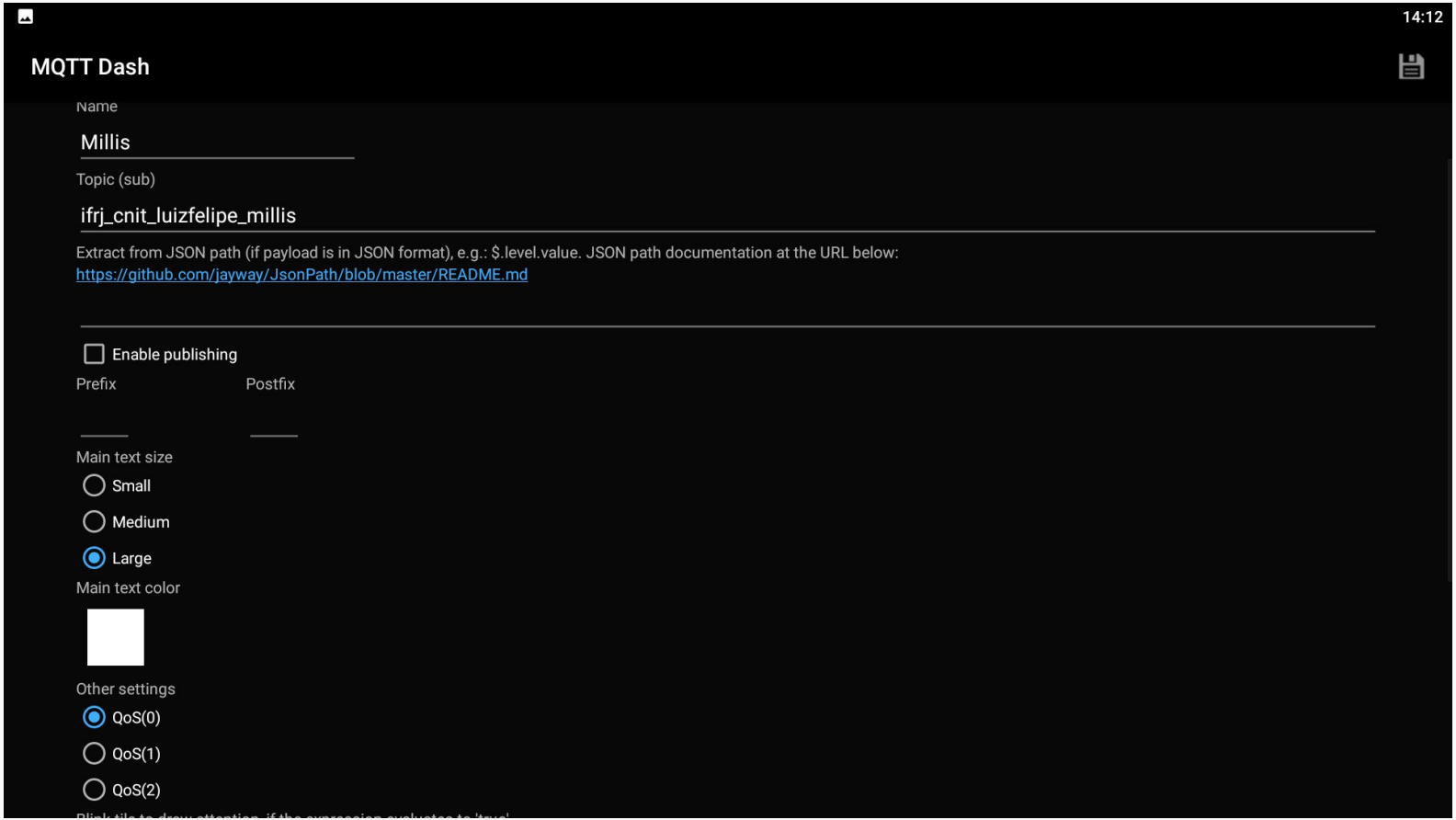
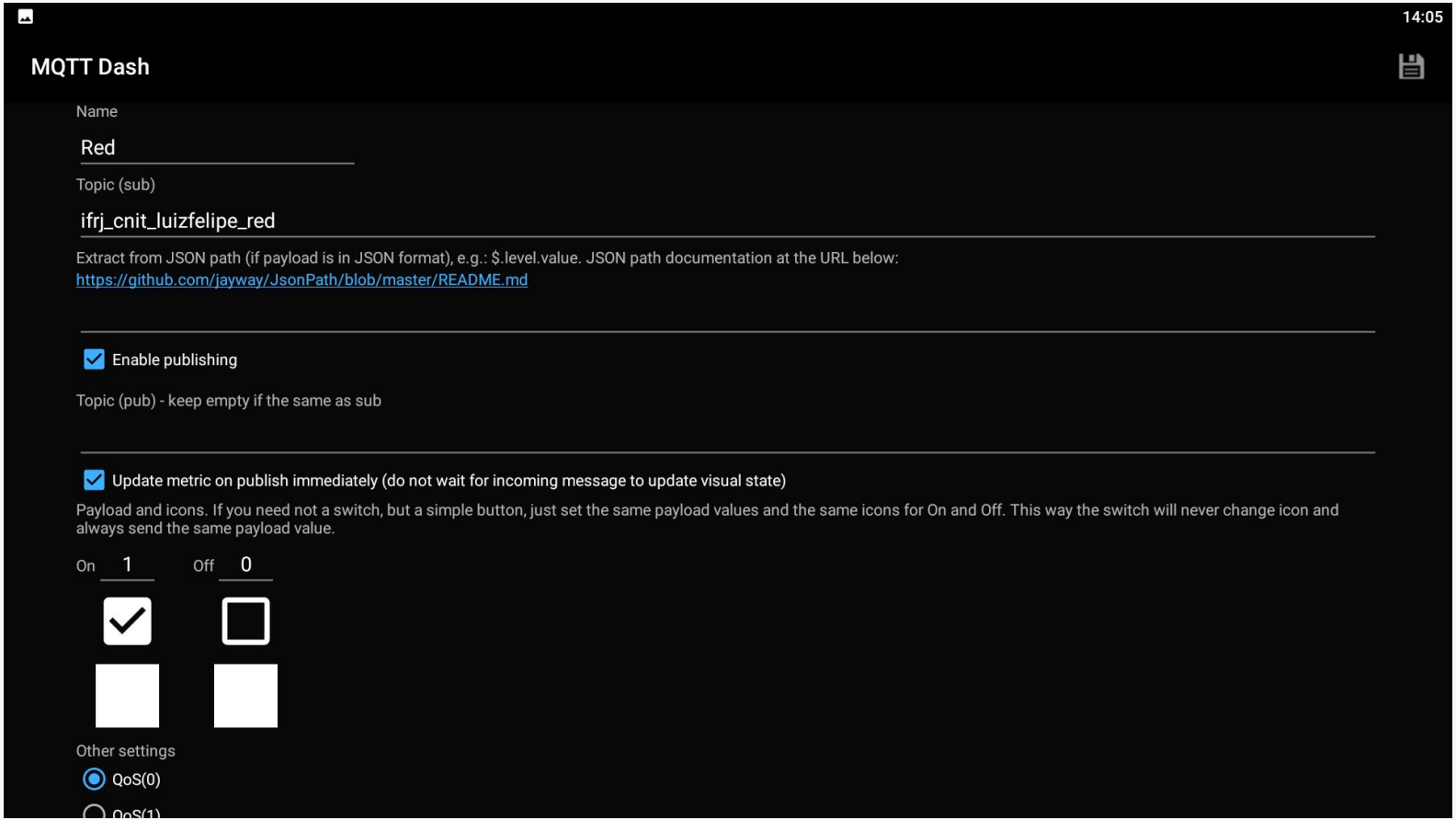


Criando o Switch do LED Red



Criando o Switch do LED Yellow

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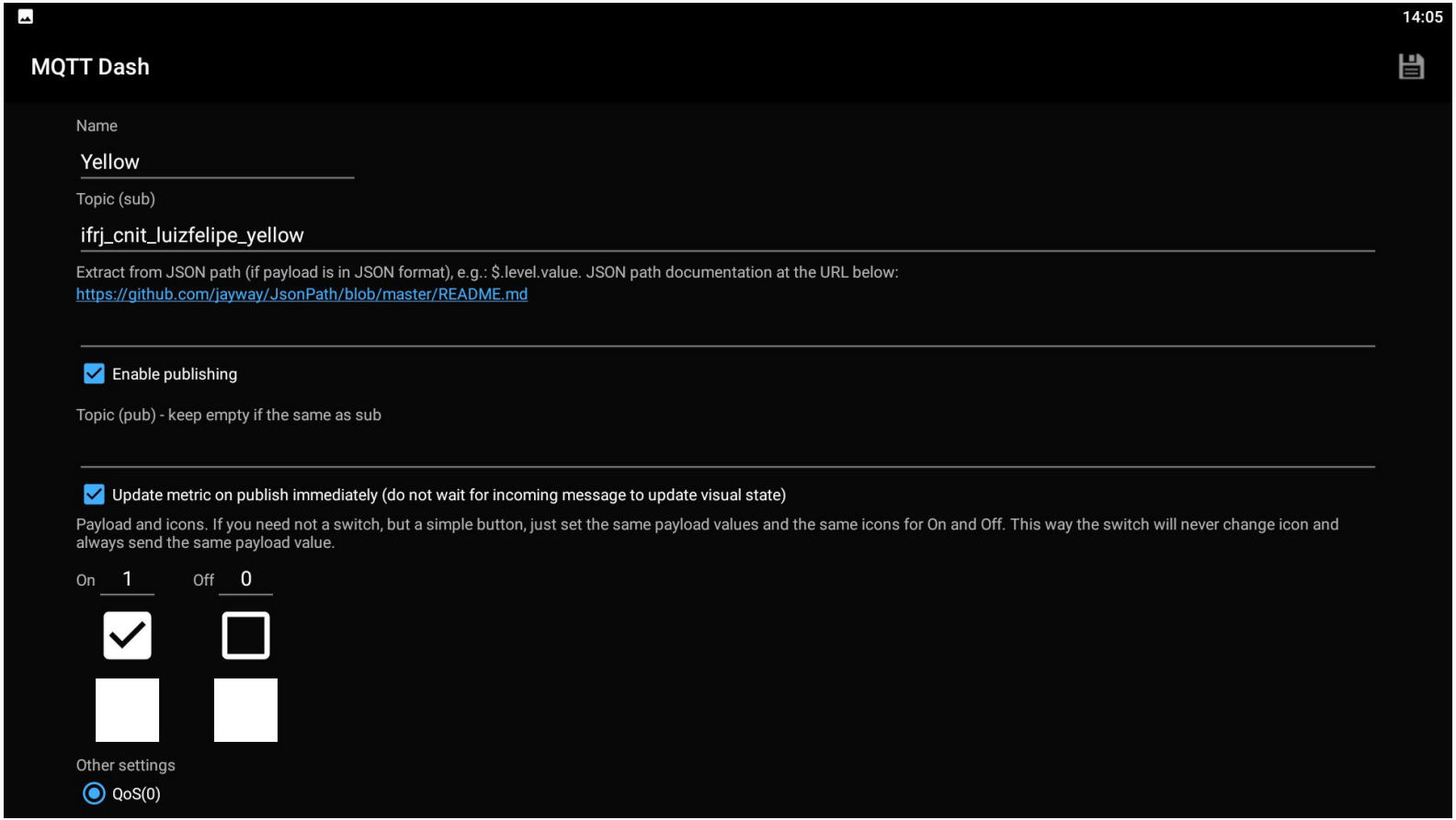
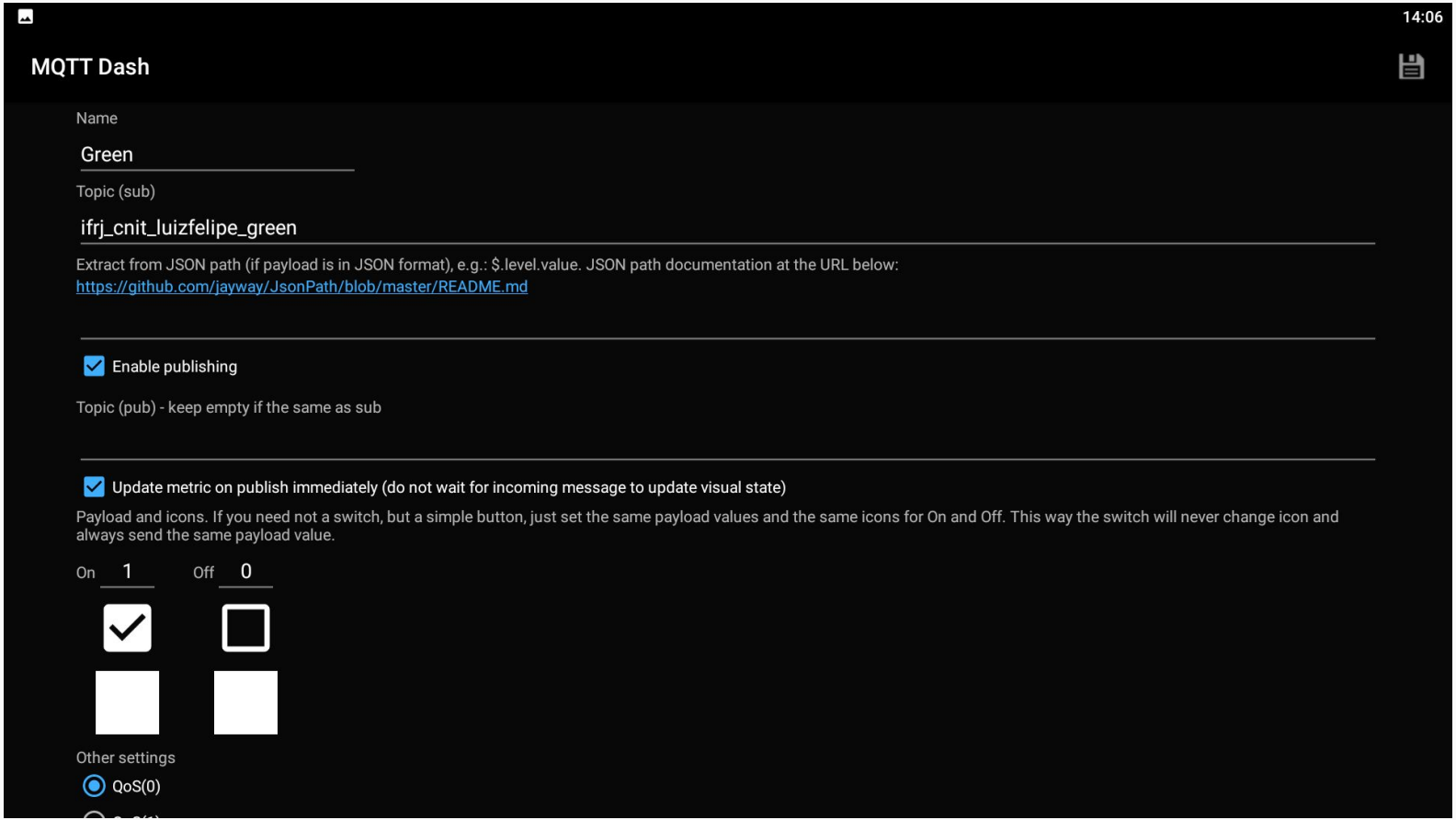


Criando o Switch do LED Green



Criando o Dashboard IFRJ CNIT

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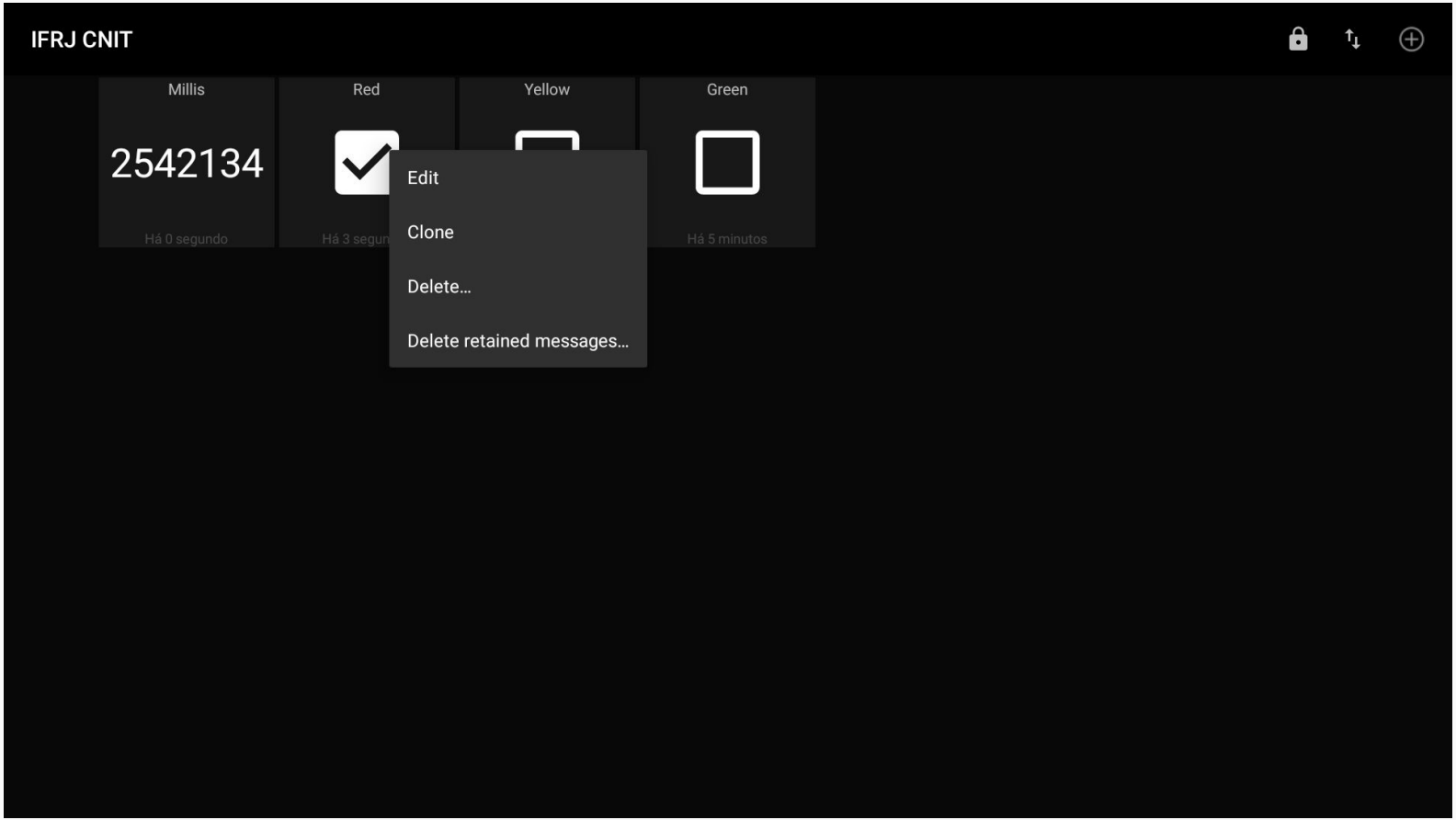
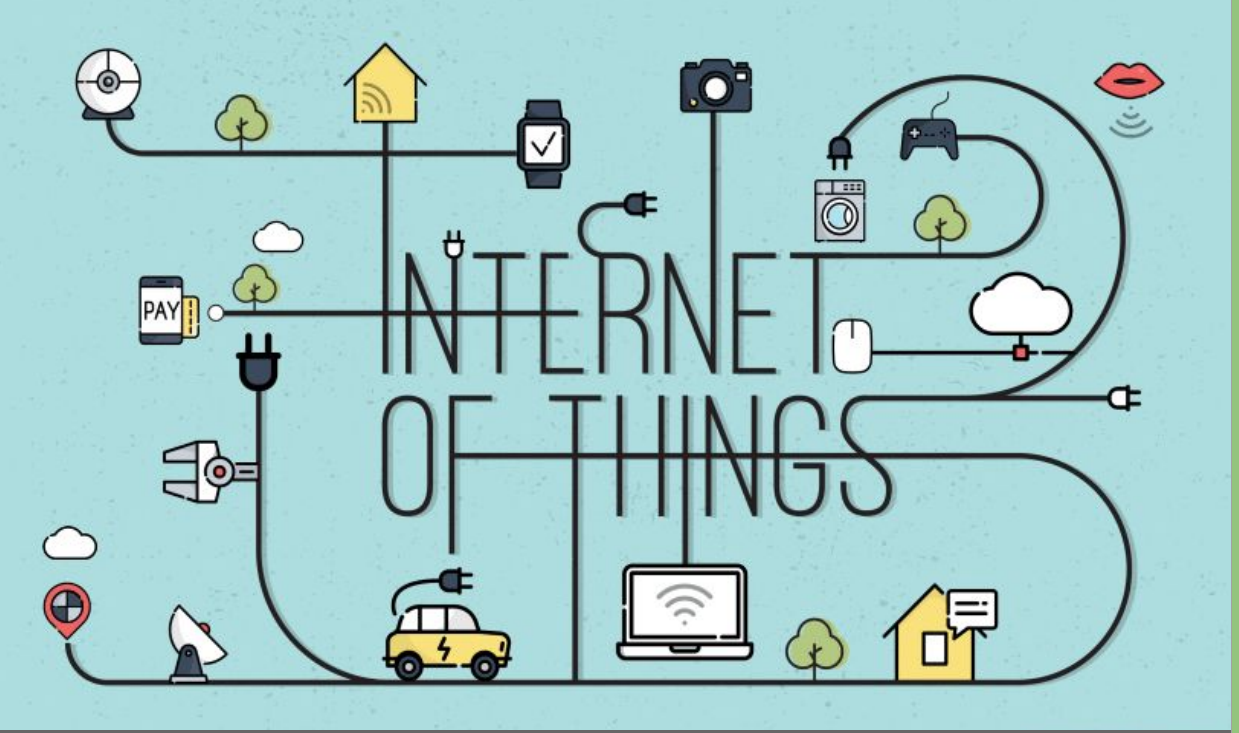
Editando um componente já inserido





Dúvidas

ARDUINO™

Professor: Luiz Felipe Oliveira