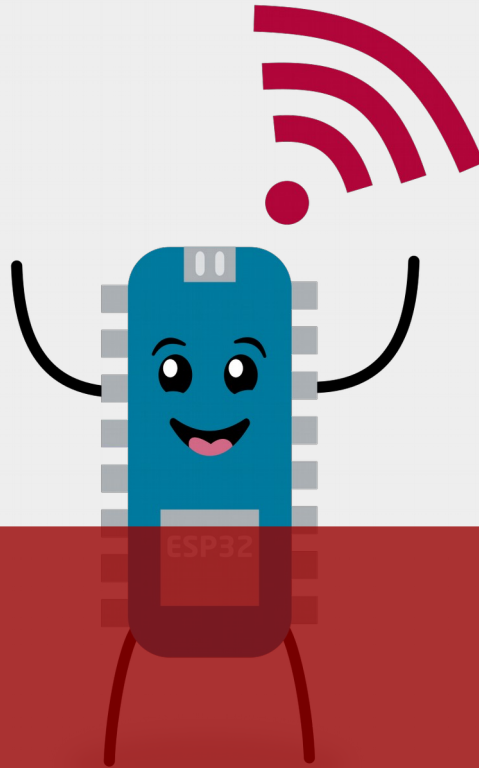
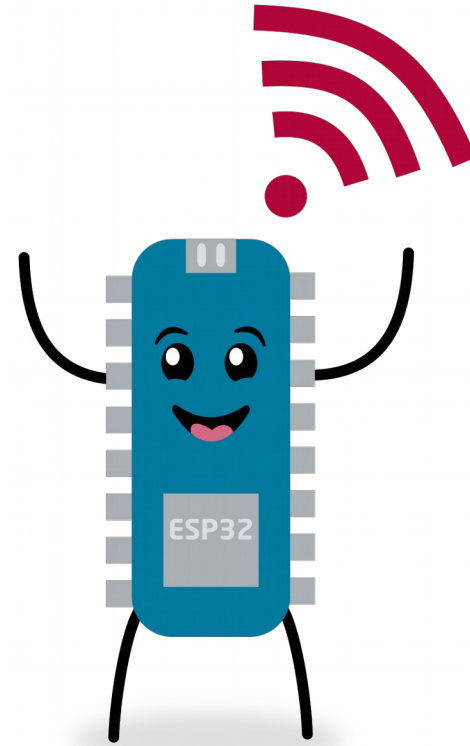
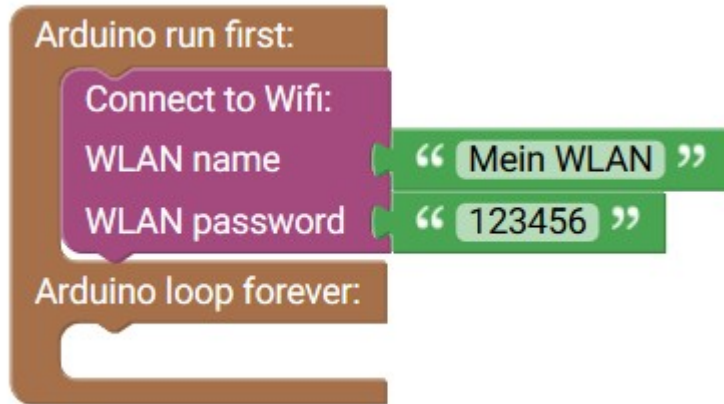


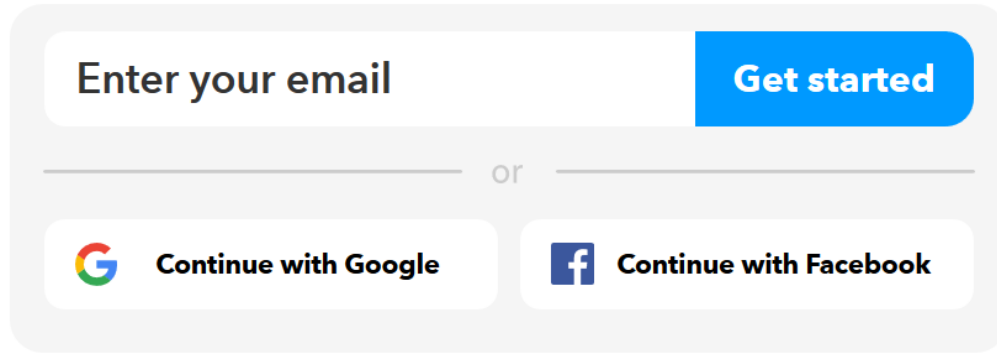


Ab ins Internet

Woche 2 | Lektion 5



- <https://ifttt.com/>



The image shows the IFTTT sign-up interface. At the top, there is a text input field labeled "Enter your email" and a blue button labeled "Get started". Below this, there is a horizontal line with the word "or" in the center. Underneath the line, there are two buttons: "Continue with Google" (with the Google logo) and "Continue with Facebook" (with the Facebook logo).

3

- https://ifttt.com/my_applets

New Applet

IFTTT



My Applets



Activity



Search



danielamadeusgloeckner ▾

New Applet

if  this then that

Want to build your own service? [Build on the platform](#) ↗



My Applets



Activity



Search



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← Back

Choose a service

Step 1 of 6

Q webho



Webhooks



My Applets



Activity

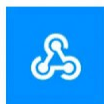


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Connect Webhooks

Step 1 of 6

Integrate other services on IFTTT with your DIY projects. You can create Applets that work with any device or app that can make or receive a web request. If you'd like to build your own service and Applets, check out the IFTTT platform.

Connect

[About](#)

[Help](#)

[Jobs](#)

[Terms](#)

[Privacy](#)

[Trust](#)



My Applets



Activity



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Choose trigger

Step 2 of 6

Receive a web request

This trigger fires every time the Maker service receives a web request to notify it of an event. For information on triggering events, go to your Maker service settings and then the listed URL (web) or tap your username (mobile)



Complete trigger fields

Step 2 of 6

Receive a web request

This trigger fires every time the Maker service receives a web request to notify it of an event. For information on triggering events, go to your Maker service settings and then the listed URL (web) or tap your username (mobile)

Event Name

The name of the event, like "button_pressed" or "front_door_opened"

Create trigger



My Applets



Activity



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About

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Build your own service and Applets



IFTTT Platform



My Applets



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Back

Choose action service

Step 3 of 6



Search services



Twitter



SMS



Email



Phone Call (US only)



Delicious



Tumblr

Back



Connect Email

Step 3 of 6

Send and receive important information when you need it, automatically, with this service. The "send me an email" action has a daily limit of 750 messages per day, at which point Applets will be paused until the limit resets at 12:00 AM GMT.

Connect

< Back

Connect the Email Channel - IFTTT - Google Chrome

https://ifttt.com/channels/email/activate?activation_failure_path=https...



Connect Email

Enter the email address you would like to use for all of your Email Applets.

Email address

Send PIN

Connect Email

Step 3 of 6

Receive important information when you need it, daily, with this service. The "send me an email" applets have a daily limit of 750 messages per day, at which point they will be paused until the limit resets at 12:00 AM GMT.

Connect

< Back

Connect Email

Enter the email address you would like to use for all of your Email Applets.

Email address

Please enter the 4-digit PIN you received below.
PIN

Connect

Retry

Connect Email

Step 3 of 6

Receive important information when you need it, daily, with this service. The "send me an email" applets have a daily limit of 750 messages per day, at which point they will be paused until the limit resets at 12:00 AM GMT.

Connect



My Applets



Activity



Search



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Choose action

Step 4 of 6

Send me an email

This Action will send you an HTML based email. Images and links are supported.

Send me an email

This Action will send you an HTML based email. Images and links are supported.

Subject

The event named "**EventName**" occurred on the Maker Webhooks service

Add ingredient

Body

What: **EventName**

When: **OccurredAt**

Extra Data: **Value1**, **Value2**,
Value3,

Add ingredient

Create action

If Maker Event "alarm", then
Send me an email at daniel-
amadeus.gloeckner@studen
t.hpi.de

88/140

by danielamadeusgloeckner

works with 

Receive notifications
when this Applet runs

**Finish**

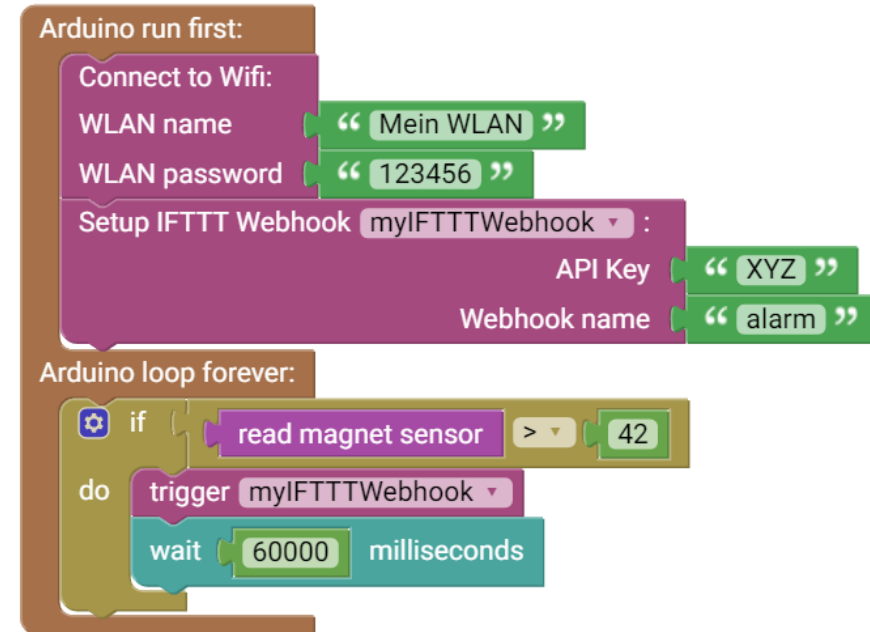
- IFTTTWebhook.h



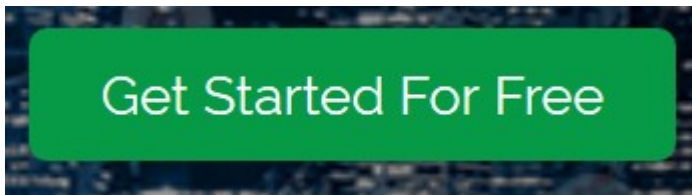
- Feststellen, ob die Tür auf ist mit Hilfe des Magnetsensors

read magnet sensor

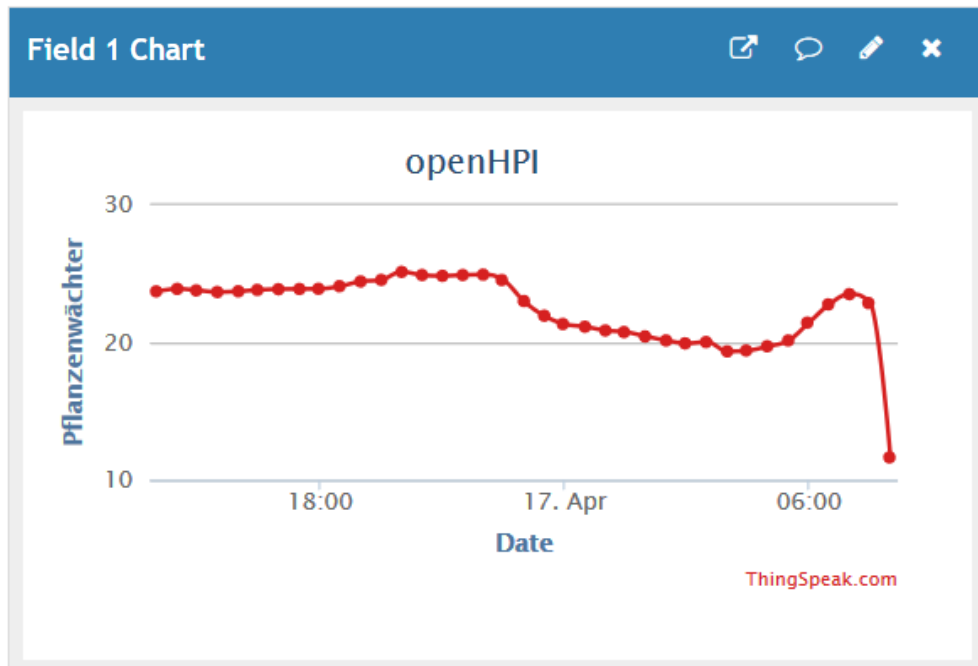
- API Key:
https://ifttt.com/services/maker_webhooks/settings
 - Bei URL <https://maker.ifttt.com/use/XYZ>



- <https://thingspeak.com/>



- Mit MathWorks-Account:



- <https://thingspeak.com/channels>

New Channel

New Channel

Name	openHPI
Description	
Field 1	Pflanzenwächter ☒

Save Channel

openHPI

Channel ID: 758532

Author: openHPI

Access: Private

Private View

Public View

Channel Settings

Sharing

API Keys

Data Import / Export

+ Add Visualizations

+ Add Widgets

Export recent data

MATLAB Analysis

MATLAB Visualization

Channel Stats

Created: 23 days ago

Last entry: 16 days ago

Entries: 4188

Key

Abstract

Read API Keys

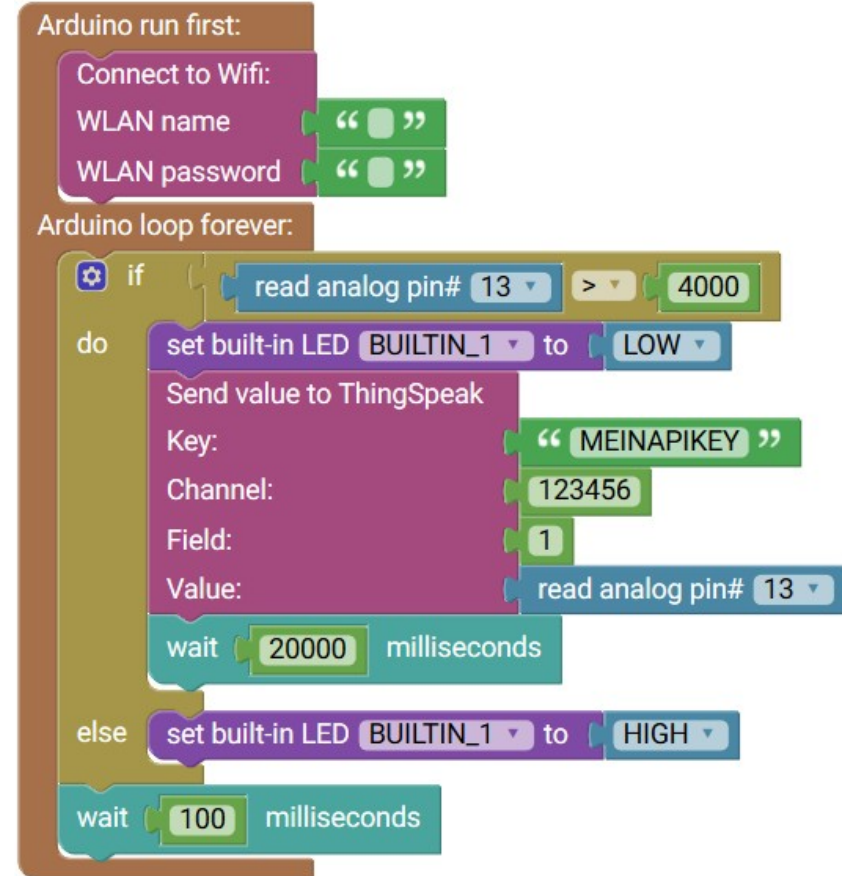
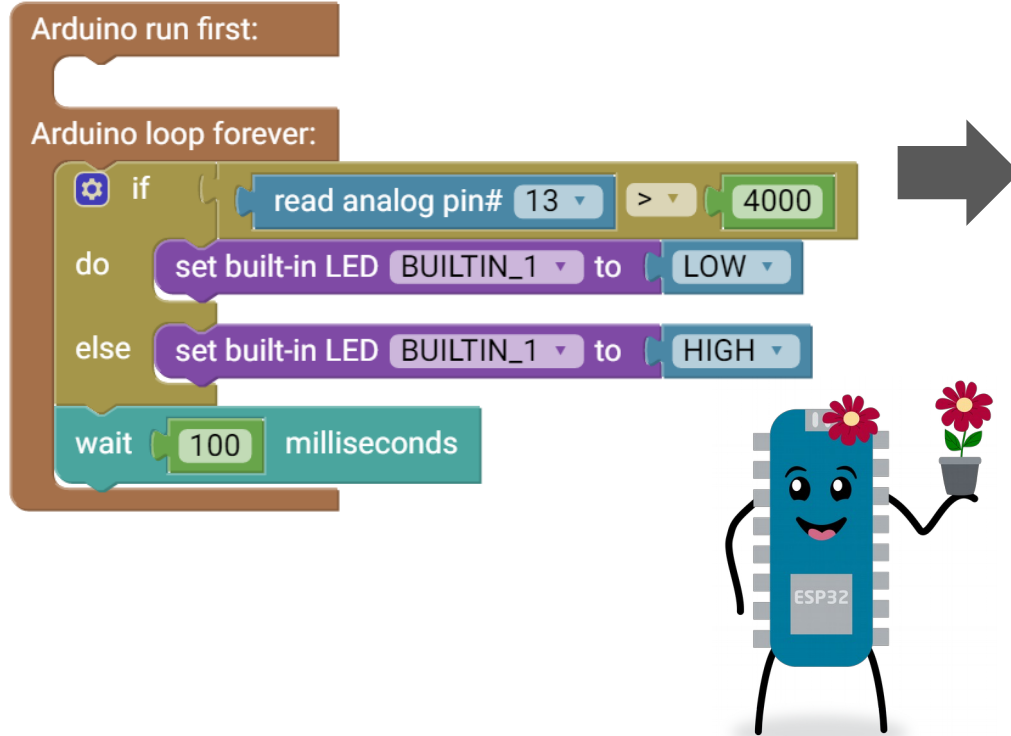
API keys enable you to write data to a channel or read data from a private channel. API keys are auto-generated when you create a new channel.

- **Write API Key:** Use this key to write data to a channel. If you feel your key has been compromised, click **Generate New Write API Key**.
- **Read API Keys:** Use this key to allow other people to view your private channel feeds and charts. Click **Generate New Read API Key** to generate an additional read key for the channel.
- **Note:** Use this field to enter information about channel read keys. For example, add notes to keep track of users with access to your channel.

- ThingSpeak.h



Pflanzenwächter von Woche 1 Lektion 5:



Current values for time and date

Arduino run first:

Setup serial : speed to 9600 bps

Connect to Wifi:

WLAN name

WLAN password

set time via wifi

Arduino loop forever:

serial print create text with get the current day of month add new line

“ ”

get the current month

“ ”

get the current year

serial print create text with get the current hour add new line

“ : ”

get the current minute

“ : ”

get the current second

wait 1000 milliseconds

