

# Google Assistant - IFTTT

## Step by step guide

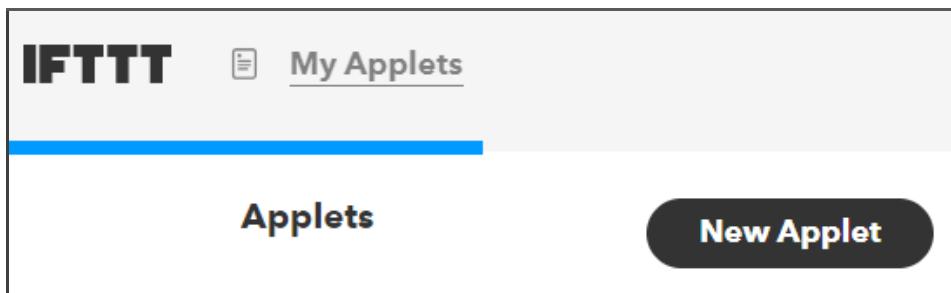




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If you don't have account on IFTTT open [www.ifttt.com](http://www.ifttt.com) and create one.  
Login to your account and navigate to my applets  
Select "New Applet".



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Select "+this" by clicking on it.



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## Choose a service

Step 1 of 6



Google Assistant

Search for "Assistant" and select the only result available.



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## Choose trigger

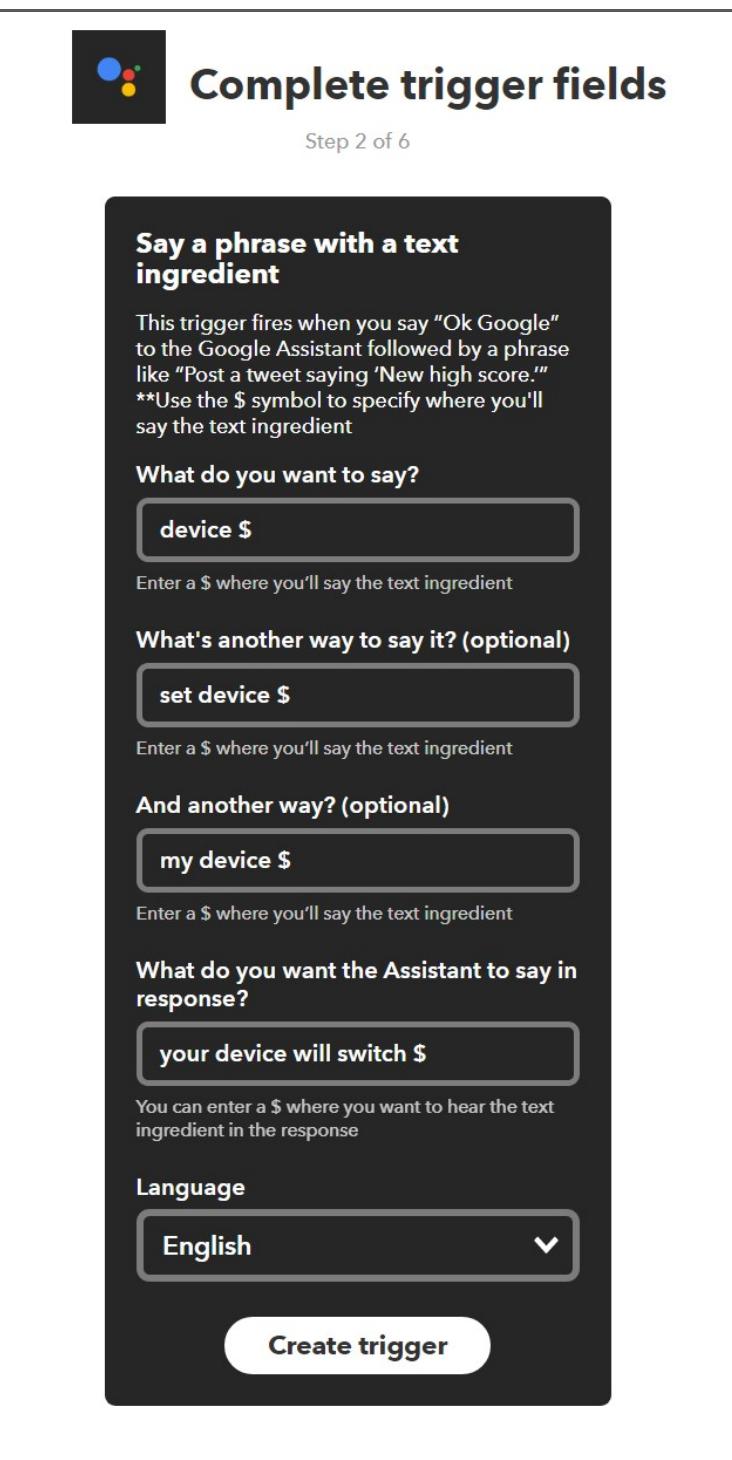
Step 2 of 6

**Say a phrase with a number**  
This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Set Nestmostat to 68." \*\*Use the # symbol to specify where you'll say the number ingredient

**Say a phrase with a text ingredient**  
This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Post a tweet saying 'New high score.'" \*\*Use the \$ symbol to specify where you'll say the text ingredient

**Say a phrase with both a number and a text ingredient**  
This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Block time for 'exercise' at 6 PM." \*\*Use the # symbol to specify where you'll say the number ingredient and \$ where you'll say the text ingredient

Select "Say a phrase with a text ingredient".



**Complete trigger fields**

Step 2 of 6

**Say a phrase with a text ingredient**

This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Post a tweet saying 'New high score.'" \*\*Use the \$ symbol to specify where you'll say the text ingredient

**What do you want to say?**

device \$

Enter a \$ where you'll say the text ingredient

**What's another way to say it? (optional)**

set device \$

Enter a \$ where you'll say the text ingredient

**And another way? (optional)**

my device \$

Enter a \$ where you'll say the text ingredient

**What do you want the Assistant to say in response?**

your device will switch \$

You can enter a \$ where you want to hear the text ingredient in the response

**Language**

English

**Create trigger**



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Complete the fields as illustrated.

Words “device”, “set device” and “my device” are used to direct Google Assistant to this IFTTT applet.

The “\$” symbol represents the command.

Response can be anything you like Google Assistant to tell you back when the command is recognized. It is a good idea though to set a “\$” symbol there to get informed and verify that the command was recognized.

Once you have completed click on “Create trigger”



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if  then  +that

Select "+that" by clicking on it



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## Choose action service

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A blue square icon with a white three-circle connection symbol in the center. Below the icon, the word "Webhooks" is written in white.

Search for "Webhooks" and select the only result available.



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## Choose action

Step 4 of 6

### Make a web request

This action will make a web request to a publicly accessible URL. NOTE: Requests may be rate limited.

Select "Make a web request"



## Complete action fields

Step 5 of 6

**Make a web request**

This action will make a web request to a publicly accessible URL. NOTE: Requests may be rate limited.

**URL**  
`http://your_domain_or_ip:8077/Webhooks:{{TextField}}`

Surround any text with "<>>" to escape the content [Add ingredient](#)

**Method**  
 GET

The method of the request e.g. GET, POST, DELETE

**Content Type**  
 Please select

Optional

**Body**  
 Surround any text with "<>>" [Add ingredient](#)

[Create action](#)

Created by Nikos Georgousis



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Complete the fields as illustrated.

**IMPORTANT:** You have to replace “`your_domain_or_ip`” with your public IP (if you have static IP address) or your dynamic dns.

“**Webhooks:**” is a standard value as it expected from the code on the server side.

“`{{TextField}}`” is important to pass the command from assistant to webhooks service. You can add it by using the “Add ingredient” button and select “TextField”

Method should be “GET” and other fields are not critical.

If you don’t have any dynamic dns active you can use your public IP, just for testing but once the ip is changed by your ISP the applet will fail.

Click on “Create action” once you finished.

#### Remarks:

- This example is related to the lua code provided. **Port 8077** should be changed here if you change the port on your server.
- “**Webhooks**” also can be changed on the code side and changed here. This is used as identifier and it can’t be avoided.
- Please note that “**Webhooks**” is followed by a colon (:) symbol. This is critical for the server to recognize the command.



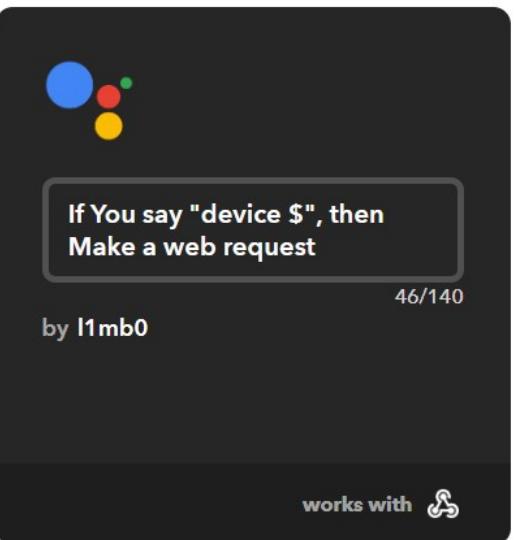
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## Review and finish

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A screenshot of an IFTTT applet card. The card has a dark background with a grid of colored dots (blue, red, yellow, green) at the top. The main text area contains the condition "If You say 'device \$', then" and the action "Make a web request". Below this, it says "by l1mb0" and shows a progress bar at 46/140. At the bottom, there's a "works with" section showing a small icon of a device. A toggle switch labeled "Receive notifications when this Applet runs" is turned off. A large blue "Finish" button is at the bottom.

works with

Receive notifications when this Applet runs

Finish

Set a name/description for your applet and select if you like to receive notification on your smartphone IFTTT app every time applets executed.

For testing purposes I suggest you to enable notification to verify that the service is working.

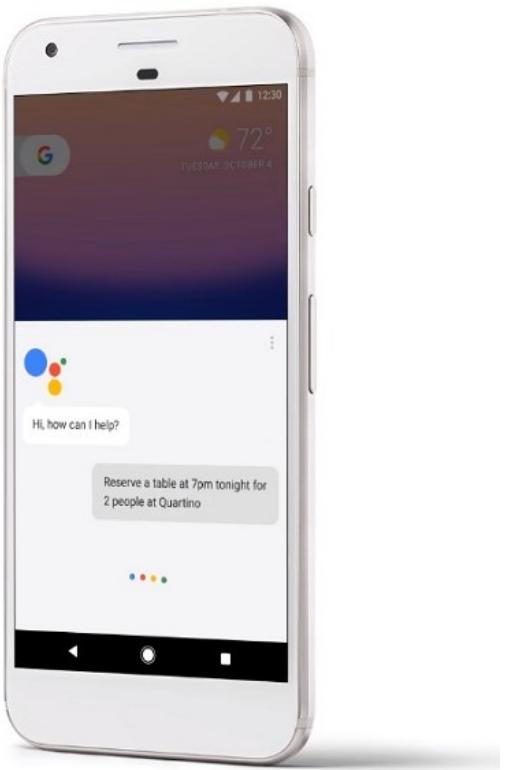
Click finish and the applet is ready.



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To test the applet the complete setup must be done.

You have to setup the applet as described above and have the ESP8266 running with access to the internet (forwarded the port [8077] on your router).

Once the setup is right you can try to control your device from your phone.

Say "**OK Google, device on**" and let the magic done!