



IFTTT Maker Driver

Google Home / Google Pixel Examples

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Overview

IFTTT (an abbreviation of "If This Then That") is a free web-based service that allows users to create chains of simple conditional statements, called "recipes", which are triggered based on changes to other web services and products.

IFTTT integration into Control4 allows Control4 to control any of the products or services integrated into IFTTT and have those products also control Control4.

Google Home is a voice activated product that brings the Google assistant to any room in your home via a Wi-Fi connected speaker.

This document guides you through integration of the Google Home and Google Pixel products to Control4 using the Chowmain IFTTT maker driver.

Note this document assumes that you have setup the Chowmain IFTTT maker driver for Control4. If you have not done so please refer to the document titled Chowmain - IFTTT Maker Driver Installation Guide.

Programming Inbound Google Home/Pixel Commands

IFTTT can send commands to Control4 to trigger programming on Control4 to turn devices on/off, playback music, open doors or anything you can dream of. You will need to complete two parts of programming to achieve this. One part is in IFTTT and the other part is in Control4.

Example 1 – Using Google Home to turn your house off.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe



Create a Recipe

4. Click on '**this**'



iftthisthen that

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger. [View all Channels](#)

google



Google Assistant



Google Calendar



Google Contacts

6. Select the **Google Assistant** channel
7. It will now prompt you for an Action. Select 'Say a simple phrase'

Choose a Trigger

Say a simple phrase

This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase you choose. For example, say "Ok Google, I'm running late" to text a family member that you're on your way home.

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'turn the house off'.

What do you want to say?

turn the house off

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

switch off the house

 And another way? (optional)

house all off

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok turning the whole house off'.

 What do you want the Assistant to say in response?

Ok turning the whole house off

11. Click on Create Trigger

Create Trigger

12. Click on 'that'

if  then that
You say "turn the house off"

13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7

back ◀

Showing Channels that provide at least one Action. [View all Channels](#)

pushover



Pushover

14. Select the Pushover channel
15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.
17. The Title will be used in Control4 as the primary variable. In this case type in 'house'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

 Title

house

18. The Message will be used in Control4 as a secondary variable In this case type in 'all off'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

 **Message**

all off

19. In the Device dropdown select 'Control4_IFTTT'

 **Device**

Control4_IFTTT

20. Click on Create Action

Create Action

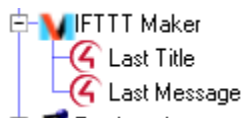
21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button

Create Recipe

22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

1. Click on the '**Programming**' Tab
2. Under Device Events select the **IFTTT Maker** Driver.
3. Click on the radio button next to '**IFTTT Action Detected**'
4. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.



5. Highlight **Last Title**
6. Click on the '**Conditionals**' tab

7. Type in the title we set earlier (in this case it was **house**)

Is

8. Drag the 'Question' mark over to your script

9. Highlight **Last Message**

10. Click on the 'Conditionals' tab


11. Type in the message we set earlier (in this case it was **all off**)


Is


12. Drag the 'Question' mark over to your script and place it inside the first conditional.

13. Select the actions or macro's you want to fire and drag it into the second conditional. Your script should look something like this.

IFTTT Action Detected

 If Development->IFTTT Maker->Last Title EQUAL TO house

 If Development->IFTTT Maker->Last Message EQUAL TO all off

 Execute Macro 'All Off'

14. Note that the question marks and arrows are indented from the left. If they are indented it means that they are executed when that condition is true. This is important.

23. Congratulations you have successfully setup the Google Home with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'turn the house off').

Example 2 – Using Google Home to dim lights to a percentage.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe

Create a Recipe

4. Click on 'this'

if this then that

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger. [View all Channels](#)

google



Google Assistant



Google Calendar




Google Contacts

6. Select the **Google Assistant** channel
7. It will now prompt you for a trigger. Select 'Say a phrase with a number'

Say a phrase with a number

This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Set Nest thermostat to 68."

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'dim bedroom lights to # percent'. The # sign is used to capture numbers and will be used as a variable later.

 **What do you want to say?**

dim bedroom lights to # percent

Enter a # where you'll say the number ingredient

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

set bedroom lights to # percent

Enter a # where you'll say the number ingredient

 **And another way? (optional)**

switch bedroom lights to # percent

Enter a # where you'll say the number ingredient

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok Setting bedroom lights to # percent'.

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

Ok. Setting bedroom lights to # percent.

You can enter a # where you want to hear the number in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'



13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 back ◀

Showing Channels that provide at least one Action. [View all Channels](#)



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.

17. The Title will be used in Control4 as the primary variable. In this case type in '**dim bedroom lights**'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

 **Title**

18. The Message will be used in Control4 as a secondary variable In this case type in '{{NumberField}}'

 **Message**

{{NumberField}} 

19. In the Device dropdown select 'Control4_IFTTT'

 **Device**

Control4_IFTTT ▾

20. Click on Create Action



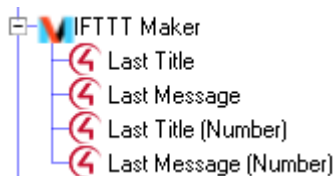
21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

1. Click on the '**Programming**' Tab
2. Under Device Events select the **IFTTT Maker** Driver.
3. Click on the radio button next to '**IFTTT Action Detected**'
4. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.

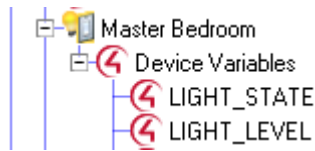


5. Highlight **Last Title**

- Click on the **Conditionals** tab
- Type in the title we set earlier (in this case it was **dim bedroom lights**)



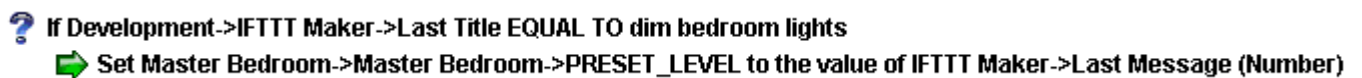
- Drag the **Question** mark over to your script
- In the Device Actions side expand your light



- Select the LIGHT_LEVEL device variable
- Click on the radio button next to 'Set to value of'
- Select IFTTT Maker->Last Message (Number)



- Drag the 'Arrow' over to your script and place it inside the first conditional.



- Congratulations you have successfully setup the Google Home to dim lights with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'dim bedroom lights to xxx percent' where xxx is a number between 0 and 100).

Example 3 – Using Google Home to set the temperature on a thermostat.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe

Create a Recipe

4. Click on '**this**'

if this then that

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger. [View all Channels](#)

google



Google Assistant



Google Calendar



Google Contacts


6. Select the **Google Assistant** channel

7. It will now prompt you for an trigger. Select 'Say a phrase with a number'

Say a phrase with a number

This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Set Nest thermostat to 68."

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'set thermostat to # degrees'. The # sign is used to capture numbers and will be used as a variable later.

 **What do you want to say?**

set thermostat to # degrees

Enter a # where you'll say the number ingredient

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

set temperature to # degrees

Enter a # where you'll say the number ingredient

 **And another way? (optional)**

change temperature to # degrees

Enter a # where you'll say the number ingredient

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok. Setting thermostat's temperature to # degrees'.

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

Ok. Setting thermostat's temperature setpoint to # degrees.

You can enter a # where you want to hear the number in the response

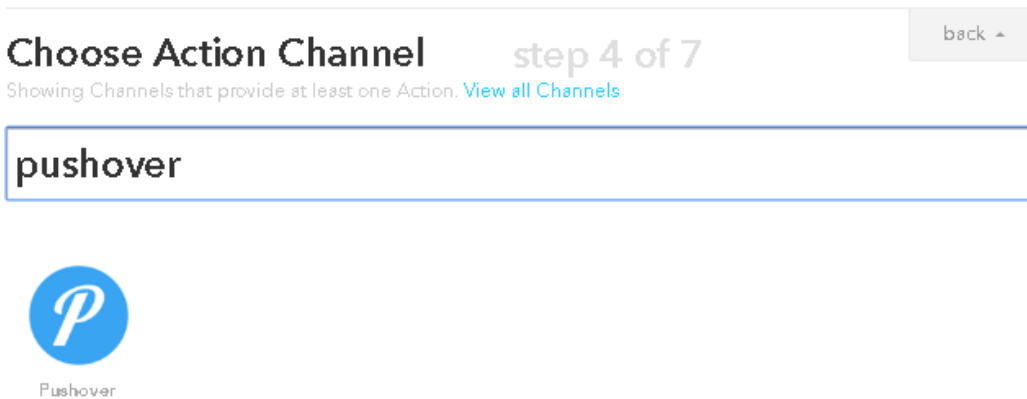
11. Click on Create Trigger

Create Trigger

12. Click on 'that'



13. Type in **pushover** in the search bar



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.

17. The Title will be used in Control4 as the primary variable. In this case type in 'set thermostat setpoint'


NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

 Title

set thermostat setpoint

18. The Message will be used in Control4 as a secondary variable In this case type in '{{NumberField}}'

 Message

{{NumberField}} 

19. In the Device dropdown select 'Control4_IFTTT'

 Device

Control4_IFTTT

20. Click on Create Action

Create Action

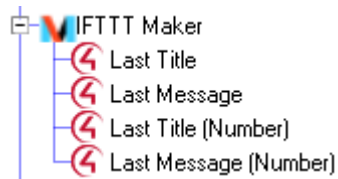
21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button

Create Recipe

22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

1. Click on the '**Programming**' Tab
2. Under Device Events select the **IFTTT Maker** Driver.
3. Click on the radio button next to '**IFTTT Action Detected**'
4. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.

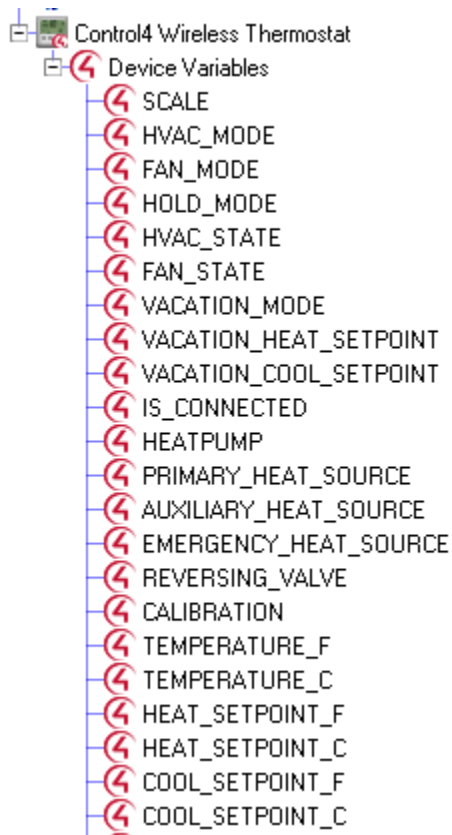


5. Highlight **Last Title**
6. Click on the '**Conditionals**' tab
7. Type in the title we set earlier (in this case it was **set thermostat setpoint**)



8. Drag the '**Question**' mark over to your script
9. In the Device Actions side select your thermostat.
10. Select Set HVAC Mode to and set it as Auto.
11. Drag the '**Arrow**' over to your script and place it inside the first conditional.

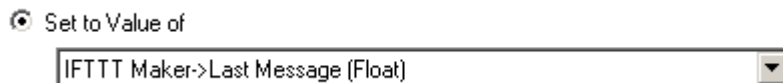
12. Expand the thermostat driver on the actions side



13. Select the HEAT_SETPOINT_F or HEAT_SETPOINT_C device variable

14. Click on the radio button next to 'Set to value of'

15. Select IFTTT Maker->Last Message (Float)



16. Drag the 'Arrow' over to your script and place it inside the first conditional.

17. Repeat steps 40-43 for COOL_SETPOINT_F or COOL_SETPOINT_C device variables

? **If Development->IFTTT Maker->Last Title EQUAL TO set thermostat setpoint**

➡ **Set the system mode on Development->Control4 Wireless Thermostat to Auto**

➡ **Set Development->ThermostatV2->HEAT_SETPOINT_F to the value of IFTTT Maker->Last Message (Float)**

➡ **Set Development->ThermostatV2->COOL_SETPOINT_F to the value of IFTTT Maker->Last Message (Float)**

23. Congratulations you have successfully setup the Google Home to set the temperature on the thermostat with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'set temperature to xxx degrees' where xxx is the desired temperature).

Example 4 – Using Google Home to select a channel on your TV.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe

Create a Recipe

4. Click on '**this**'

if**this****thenthat**

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger. [View all Channels](#)

google



Google Assistant



Google Calendar



Google Contacts

6. Select the **Google Assistant** channel
7. It will now prompt you for an trigger. Select 'Say a phrase with a text 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.'"

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'switch tv to \$'. The \$ sign is used to capture text and will be used as a variable later.

What do you want to say?

switch tv to \$

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

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

turn on \$

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

 **And another way? (optional)**

change tv to \$

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

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok, turning on \$'.

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

Ok, turning on \$

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

11. Click on Create Trigger

Create Trigger

12. Click on 'that'

if  then that
You say "switch tv to \$"

13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 back ↩

Showing Channels that provide at least one Action. [View all Channels](#)

pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.

17. The Title will be used in Control4 as the primary variable. In this case type in 'set channel'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

 Title

set channel

18. The Message will be used in Control4 as a secondary variable In this case type in '{{TextField}}'

 Message

{{TextField}}



19. In the Device dropdown select 'Control4_IFTTT'

 Device

Control4_IFTTT

20. Click on Create Action

Create Action

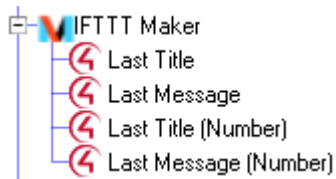
21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button

Create Recipe

22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

1. Click on the '**Programming**' Tab
2. Under Device Events select the **IFTTT Maker** Driver.
3. Click on the radio button next to '**IFTTT Action Detected**'
4. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.



5. Highlight **Last Title**
6. Click on the '**Conditionals**' tab
7. Type in the title we set earlier (in this case it was **set channel**)

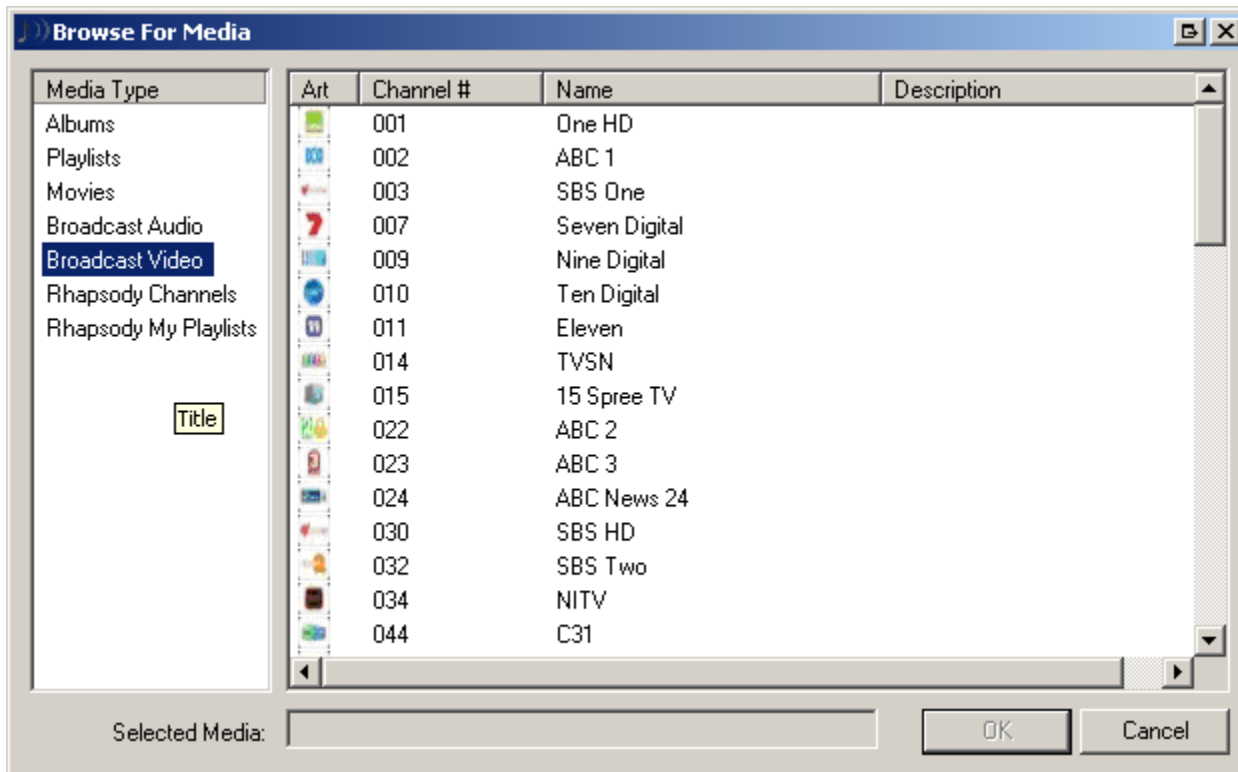


8. Drag the '**Question**' mark over to your script
9. Highlight **Last Message** under the IFTTT Maker device variables
10. Click on the '**Conditionals**' tab
11. Type in the channel you want to match. Note that this variable is dynamic and is dependant on what the user says (it is the \$ variable in the switch tv to \$).



12. Drag the '**Question**' mark over the first question mark in your script
13. In the device actions select the room you want to play the channel in.
14. Click on the ... next to **Select Media**
15. Click on **Broadcast Video**

16. Select the channel you want and click on OK



17. Drag and drop the arrow on top of the second quotation mark.

18. Repeat steps 53-61 for each additional channel you wish to program in.

- ? If Development->IFTTT Maker->Last Title EQUAL TO set channel
- ? If Development->IFTTT Maker->Last Message EQUAL TO CNN
 - ➡ Select the channel "101 - CNN" in Living / Dining
- ? If Development->IFTTT Maker->Last Message EQUAL TO MTV
 - ➡ Select the channel "102 - MTV" in Living / Dining
- ? If Development->IFTTT Maker->Last Message EQUAL TO Disney
 - ➡ Select the channel "144 - Disney" in Living / Dining

23. Congratulations you have successfully setup the Google Home to change channels with Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'switch tv to xxx' where xxx is the desired channel name).

Example 5 – ADVANCED - Using text and number variables for easy programming

In the last 4 examples we utilised either no variables, a single number or a single text variable to program. In this example we simplify whole home based programming by using string variables and number variables in both the title field and message fields. Note since this is so generic it makes it easier to program but is less personalised.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe

Create a Recipe

4. Click on 'this'

if this then that

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger. [View all Channels](#)

google



Google Assistant



Google Calendar



Google Contacts

6. Select the **Google Assistant** channel

7. It will now prompt you for an trigger. Select 'Say a phrase with both a number and a 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."

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'Turn \$ to #'. The \$ sign is used to capture text and the # is used to capture numbers. This will be used as a variable later.

 **What do you want to say?**

Turn \$ to #

Enter a \$ where you want to say the text ingredient and a # where you want to say the number

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

Switch \$ to #

Enter a \$ where you want to say the text ingredient and a # where you want to say the number

 **And another way? (optional)**

Change \$ to #

Enter a \$ where you want to say the text ingredient and a # where you want to say the number

10. It will now prompt you for the response you want the assistant to say. Since the trigger phrase is so generic in this case we should put something generic back like 'Ok. I'll do that for you'.

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

Ok. I'll do that for you.

You can enter a \$ or a # where you want to hear the text or number in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'

if  then that
You say "Turn \$ to #"

13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 back ↩

Showing Channels that provide at least one Action. [View all Channels](#)

pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.

17. The Title will be used in Control4 as the primary variable. In this case type in '{{TextField}}'

P Title

18. The Message will be used in Control4 as a secondary variable In this case type in '{{NumberField}}'

P Message

19. In the Device dropdown select 'Control4_IFTTT'

P Device

20. Click on Create Action



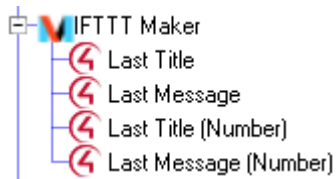
21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

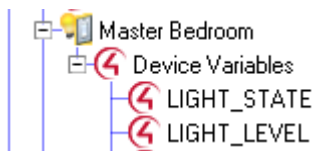
1. Click on the '**Programming**' Tab
2. Under Device Events select the **IFTTT Maker** Driver.
3. Click on the radio button next to '**IFTTT Action Detected**'
4. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.



5. Highlight **Last Title**
6. Click on the '**Conditionals**' tab
7. Type in the text capture we want to program for. This is the \$ part of 'Turn \$ to #'



8. Drag the '**Question**' mark over to your script
9. In the Device Actions side expand your light



10. Select the **LIGHT_LEVEL** device variable
11. Click on the radio button next to 'Set to value of'
12. Select IFTTT Maker->Last Message (Number)

Set to Value of

IFTTT Maker->Last Message (Number)

13. Drag the 'Arrow' over to your script and place it inside the first conditional.

 **If Development->IFTTT Maker->Last Title EQUAL TO dim bedroom lights**

 **Set Master Bedroom->Master Bedroom->PRESET_LEVEL to the value of IFTTT Maker->Last Message (Number)**

24. Congratulations you have successfully setup the Google Home to dim lights with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'Switch master lights to xxx' where xxx is a number between 0 and 100).

Example 6 – ADVANCED - Using Google Home to make an announcement over your Control4 connected speakers.

This example will say your announcement over Control4 enabled speakers in the home.

NOTE: This example requires the use of the Chowmain Advanced Announcements driver for Control4.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe

Create a Recipe

4. Click on 'this'

ifthis**then**that

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger. [View all Channels](#)

google



Google Assistant



Google Calendar



Google Contacts

6. Select the **Google Assistant** channel
7. It will now prompt you for an trigger. Select 'Say a phrase with a text 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.'"

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'say this in the home \$'. The \$ sign is used to capture text and will be used as a variable later.

What do you want to say?

say this in the home \$

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

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

announce this in the home \$

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

 **And another way? (optional)**

announce the following in the home \$

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

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok, turning on \$'.

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

Announcing \$

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

11. Click on Create Trigger

Create Trigger

12. Click on **'that'**

if  then that
You say "say this in the home \$"

13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 back ◀

Showing Channels that provide at least one Action. [View all Channels](#)



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.

17. The Title will be used in Control4 as the primary variable. In this case type in '**announcement**'

 **Title**

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

18. The Message will be used in Control4 as a secondary variable In this case type in `{{TextField}}`. This will embed the tweet into the message.

NOTE: this is Google Assistant's variable. It has to be exactly as below. You can see their variables by clicking on them on the text field. They are all encapsulated in double curly brackets `{{ }}`



19. In the Device dropdown select 'Control4_IFTTT'



20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

NOTE: This portion assumes that you have already installed and configured the Chowmain Advanced Announcements driver as per the Advanced Announcements installation guide in particular the section labelled '**Creating an announcement**'.

1. Click on the '**Programming**' Tab
2. Under Device Events select the **IFTTT Maker** Driver.
3. Click on the radio button next to '**IFTTT Action Detected**'
4. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.



5. Highlight **Last Title**
6. Click on the '**Conditionals**' tab
7. Type in the title we set earlier (in this case it was **announcement**)

Is

8. Drag the '**Question**' mark over to your script
9. On the Device Actions side highlight the **Advanced Announcements** driver
10. Click on the Radio Button labelled '**Device Specific Command**'
11. Select the text to speech service you want to use (in this case we're using VoiceRSS).

Device Specific Command

12. In the Text to Convert dropdown select **IFTTT Maker->Last Message**

Text To Convert IFTTT Maker->Last Message

13. Select the Voice/Language you want to use

Voice English (Australia)

14. Set the speed of the voice (we recommend 0)

Speed 0

15. Drag the arrow into the conditional in your script. It should look similar to this (note that it is indented this means it will fire if the conditional is true).

IFTTT Action Detected

- ? If Development->IFTTT Maker->Last Title EQUAL TO announcement
 - ➡ Convert IFTTT Maker->Last Message to speech using www.voicerss.org with voice English (Australia) at speed 0

16. On the events side of the screen select the '**Advanced Announcements**' driver.

17. Click on the event '**WAV file Created**'.

18. Under the actions side click on the '**Announcement**' action

19. Select '**Advanced Announcement**' from the Announcements list.

20. Drag the green arrow into the script section.

WAV file Created

- ➡ Execute Announcement '**Advanced Announcement**'

21. Congratulations you have successfully setup the Google Home to make announcement's through your Control4 connected speakers. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'say this in the home xxx' where xxx is the desired phrase you want read out over your speakers).

Example 7 – Tell Control4 to route google cast to another room.

This example will tell you how to utilize a single Google Cast device in a multi channel amplifier and have it route to different rooms dynamically.

IFTTT Portion

1. Goto '<http://ifttt.com>' via your web browser.
2. Click on My Recipes
3. Click on Create a Recipe

Create a Recipe

4. Click on '**this**'

if this then that

5. Type in **google** in the search bar

Choose Trigger Channel step 1 of 7

Showing Channels that provide at least one Trigger: [View all Channels](#)

google



Google Assistant



Google Calendar



Google Contacts

6. Select the **Google Assistant** channel
7. It will now prompt you for an trigger. Select 'Say a phrase with a text 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.'"

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'playback chromecast in \$'. The \$ sign is used to capture text and will be used as a variable later.

What do you want to say?

Set music to play in \$

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

9. It will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

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

Make my music play in \$

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

 **And another way? (optional)**

Change music to play in \$

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

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok, Chromecast playback is being set to \$'.

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

Ok. Playback of music now set to \$

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

11. Click on Create Trigger

Create Trigger

12. Click on 'that'

if  then that
You say "Set music to play in \$"

13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 back ↩

Showing Channels that provide at least one Action. [View all Channels](#)

pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification'

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

16. It will now prompt you to complete the action fields.

17. The Title will be used in Control4 as the primary variable. In this case type in 'set room'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

 **Title**

18. The Message will be used in Control4 as a secondary variable In this case type in '{{TextField}}'

 **Message**

19. In the Device dropdown select 'Control4_IFTTT'

 **Device**

20. Click on Create Action

Create Action

21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button

Create Recipe

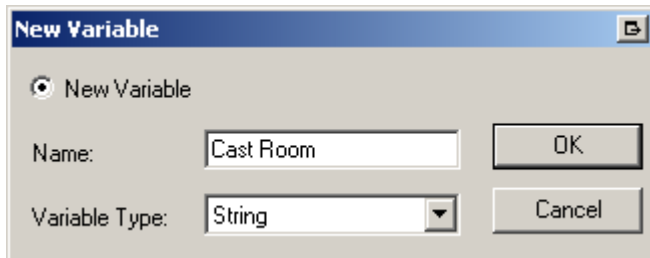
22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

1. Add the chromecast no control driver in from the online database and make the relevant binding to your multi channel amplifier.
2. Click on the '**Agents tab**'
3. Click on Variables
4. Click on Add



5. Type a name for the variable eg 'Cast Room'
6. Set the Variable Type to 'String'



7. Click on the '**Programming**' Tab
8. Under Device Events select the **IFTTT Maker** Driver.
9. Click on the radio button next to '**IFTTT Action Detected**'
10. On the Device Actions side click on the + symbol next to the **IFTTT Maker** Device action to expand it.



11. Highlight **Last Title**
12. Click on the '**Conditionals**' tab
13. Type in the title we set earlier (in this case it was **set channel**)





14. Drag the '**Question**' mark over to your script
15. Expand the Variables Action by pressing the + button
16. Click on the variable we created earlier eg 'Cast Room'
17. Click on the radio button next to 'Set to Value of'
18. In the drop down box select 'IFTTT Maker -> Last Message'



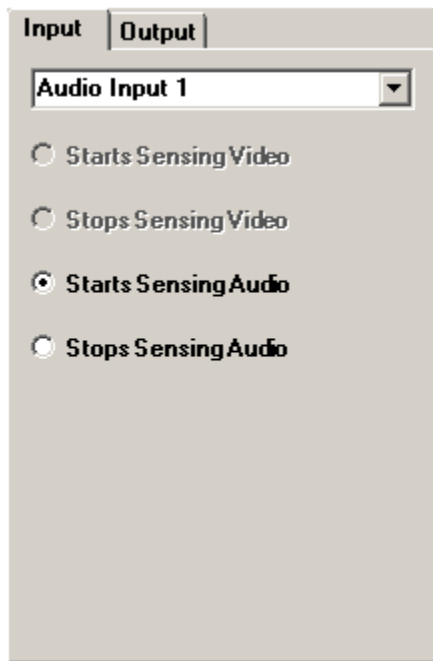
19. Drag the green arrow over the question mark and drop it. The action will indent which signifies that it will only fire when the condition is true.

IFTTT Action Detected

 **If Development->IFTTT Maker->Last Title EQUAL TO set room**
 **Set Variables->Cast Room to the value of IFTTT Maker->Last Message**

20. On the events side select your amplifier.
21. Select the Audio input that the Chromecast is connected to in the drop down box.

22. Select Starts Sensing Audio



23. On the 'Cast Room' variable click on Conditionals.

24. Type in the room name you want to check for



25. Drag in the question mark into the script

26. Click on the room in the action side.

27. Click on Select an Audio Source and select the chromecast



28. Drag and drop the green arrow on top of the question mark.

29. Repeat steps 8 – 28 for each room you want to set



When audio starts being sensed on Audio Input 1

- ? **If Variables->Cast Room EQUAL TO Master Bedroom**
 - ➡ **Select the Chromecast as the audio source in Master Bedroom**
- ? **If Variables->Cast Room EQUAL TO Evelyn's Bedroom**
 - ➡ **Select the Chromecast as the audio source in Evelyn's Room**

30. Do the same but for the Stops Sensing Audio and to perform a Room Off.

23. Congratulations you have successfully setup the Google Home to utilise a single chromecast to playback in multiple rooms. Test by saying 'Ok Google. Make my music play in xxx' where xxx is the room name. After that test by telling Google to cast audio to that chromecast.