chowmain
software & apps

IFTTT Maker Driver

Google Home / Google Pixel Examples

Contents

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 "applets", 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.

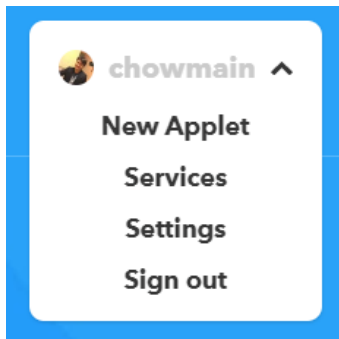## Example 1 – Using Google Home to turn your house off

IFTTT Portion

1. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website

3. Select **New Applet**

4. Select **+this**

5. Type **assist** in the search bar and select **Google Assistant**

Choose a service

Step 1 of 6

🔍 assist
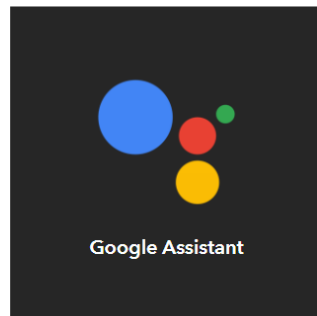
Google Assistant

*NOTE: If prompted press **Connect** and grant IFTTT access to the Google account*

6. It will now prompt you for a trigger. Select **Say a simple phrase**

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.

Here you configure the trigger with the prompt that you want to say. In this case we use the following;

7. What do you want to say?
   Turn the house off

8. What's another way to say it?
   Switch off the house

9. And another way?
   House all off

10. What do you want the assistant to say in response
    OK turning the whole house off

11. Language
    English

12. Select **Create Trigger**

Create 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.

What do you want to say?

turn the house off

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

switch off the house

And another way? (optional)

house all off

What do you want the Assistant to say in response?

OK turning the whole house off

Language

English

Create trigger

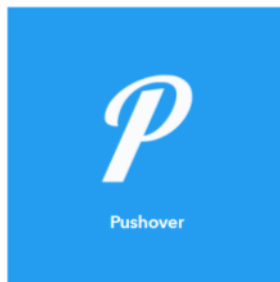13. Select **+that**

if ●: then ➕that

14. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

Q   pushover

𝒫

Pushover

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

Here you configure the action fields. The title is used as the primary variable and Message as the secondary variable.
In this case we use the following;

NOTE: These will be used in Control4 and are case sensitive so, please type them in exactly the same way as you have in Composer

16. Title
    House

17. Message
    All off

18. Message Priority
    Normal

19. Device
    Control4_IFTTT

20. Select **Create Action**

21. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

house

Add ingredient

Message

all off

Add ingredient

Message Priority

Normal

Message Sound

Pushover (default)

Sound to play, overriding your device's default

URL

URL to display with message   Add ingredient

Device

Control4_IFTTT

Send to a specific device on your account, instead of all

Create action

Composer Portion

1. Select the **Programming** Tab

2. Under Device Events select the **IFTTT Maker** Driver

3. Click the radio button next to **IFTTT Action Detected**

4. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it

5. Highlight **Last Title**

6. Select the **Conditionals** tab

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

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

9. Highlight **Last Message**

10. Select the **Conditionals** tab

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

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'

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.

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**)
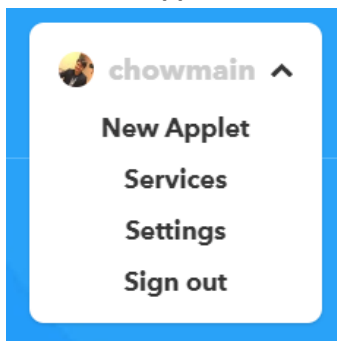
Example 2 – Using Google Home to dim lights to a percentage

IFTTT Portion

1. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website

3. Select **New Applet**

4. Select **+this**

5. Type **assist** in the search bar and select **Google Assistant**

*NOTE: If prompted press **Connect** and grant IFTTT access to the Google account*

6. 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." **Use the # symbol to specify where you'll say the number ingredient

Here you configure the trigger with the prompt that you want to say. The # sign is used to capture numbers and will be used as a variable later.

In this case we use the following;

7. What do you want to say?
   Dim bedroom lights to # percent

8. What's another way to say it?
   Set bedroom lights to # percent

9. And another way?
   Switch bedroom lights to # percent

10. What do you want the Assistant to say in response?
    OK setting bedroom lights to # percent

11. Language?
    English

12. Select **Create Trigger**

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." **Use the # symbol to specify where you'll say the number ingredient

What do you want to say?

dim bedroom lights to # percent

Enter a # where you'll say the number ingredient

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

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
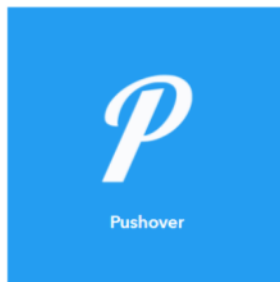
Language

English

Create trigger

13. Select **+that**

if ⬛ then ➕that

14. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

🔍 pushover

P
Pushover

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

![chowmain software & apps logo]

Here you configure the action fields. The title is used as the primary variable and Message as the secondary variable.
In this case we use the following;

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

16. Title
Dim bedroom lights

17. Message
{{NumberField}}

18. Device
Control4_IFTTT

19. Select **Create Action**

![Create action button]

20. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

![Finish button]

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

dim bedroom lights

Add ingredient

Message

NumberField

Add ingredient

Message Priority

Normal

Message Sound

Pushover (default)

Sound to play, overriding your device's default

URL

URL to display with message

Add ingredient

Device

Control4_IFTTT

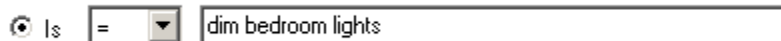Send to a specific device on your account, instead of all

Create action

Composer Portion

1. Select the **Programming** Tab

2. Under Device Events select the **IFTTT Maker** Driver

3. Click the radio button next to **IFTTT Action Detected**

4. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it
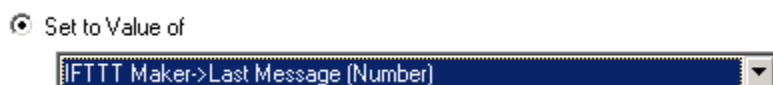

5. Highlight **Last Title**

6. Select the **Conditionals** tab

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

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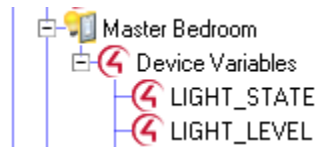
9. In the Device Actions side expand your light

10. Select the **LIGHT_LEVEL** device variable

11. Click the radio button next to **Set to value of**

12. Select 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)**

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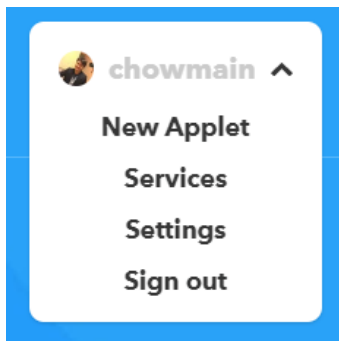
Example 3 – Using Google Home to set the temperature on a thermostat

IFTTT Portion

1. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website
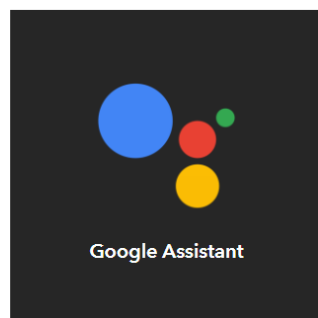

3. Select **New Applet**

4. Select **+this**

5. Type **assist** in the search bar and select **Google Assistant**

*NOTE: If prompted press **Connect** and grant IFTTT access to the Google account*

6. 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." **Use the # symbol to specify where you'll say the number ingredient

Here you configure the trigger with the prompt that you want to say. The # sign is used to capture numbers and will be used as a variable later.

In this case we use the following;

7. What do you want to say?
   Set thermostat to # degrees

8. What's another way to say it?
   Set temperature to # degrees

9. And another way?
   Change temperature to # degrees

10. What do you want the Assistant to say in response?
    OK setting thermostat's temperature to # degrees

11. Language?
    English

12. Select **Create Trigger**

Create trigger

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." **Use the # symbol to specify where you'll say the number ingredient

What do you want to say?

set thermostat to # degrees

Enter a # where you'll say the number ingredient

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

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

Language

English

Create trigger

13. Select **+that**

if 🔲 **then** ➕**that**

14. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

🔍 pushover

P

Pushover

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

Here you configure the action fields. The Title is used as the primary variable and Message is used as the secondary variable. In this case, we use the following;

NOTE: These will be used in Control4 and are case sensitive so, please type them in exactly the same way as you have in Composer.

16. Title
    Set thermostat setpoint

17. Message
    {{NumberField}}

18. Device
    Control4_IFTTT

19. Select **Create Action**

20. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

set thermostat setpoint

Add ingredient

Message

NumberField

Add ingredient

Message Priority

Normal

Message Sound

Pushover (default)

Sound to play, overriding your device's default

URL

URL to display with message
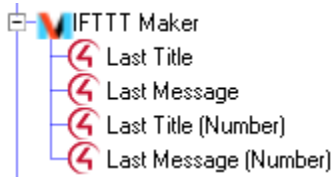
Add ingredient

Device

Control4_IFTTT

Send to a specific device on your account, instead of all

Create action

Composer Portion

1. Select the **Programming** Tab

2. Under Device Events select the **IFTTT Maker** Driver

3. Click the radio button next to **IFTTT Action Detected**

4. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it


5. Highlight **Last Title**

6. Select the **Conditionals** tab

7. Type in the title we set earlier (in this case it was **set thermostat setpoint**)
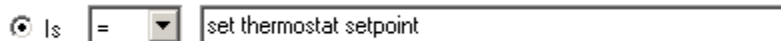
8. Drag the **Question mark** over to your script

9. In the Device Actions side select your thermostat

10. Select Set HVAC Mode to and set it as Auto

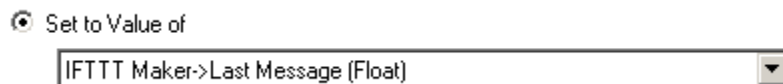11. Drag the **Arrow** over to your script and place it inside the first conditional

12. Expand the thermostat driver on the actions side
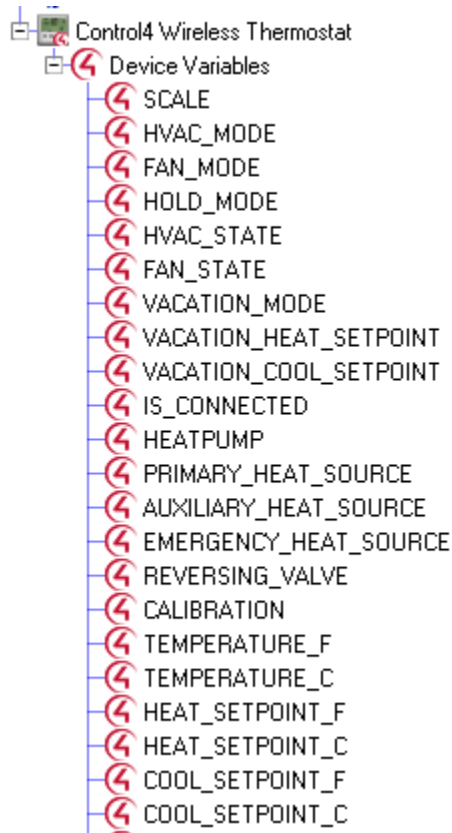
13. Select the HEAT_SETPOINT_F or HEAT_SETPOINT_C device variable

14. Click 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)

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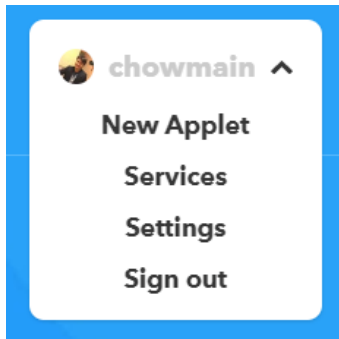
Example 4 – Using Google Home to select a channel on your TV

IFTTT Portion

1. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website

3. Select **New Applet**
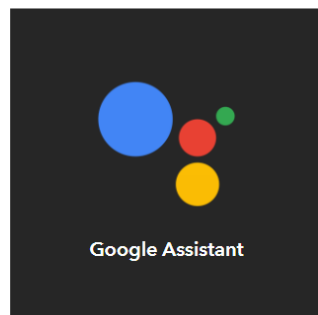

4. Select **+this**

5. Type **assist** in the search bar and select **Google Assistant**

Choose a service

Step 1 of 6

*NOTE: If prompted press **Connect** and grant IFTTT access to the Google account*

6. It will now prompt you for a 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.'" **Use the $ symbol to specify where you'll say the text ingredient

Here you configure the trigger with the prompt that you want to say. The $ sign is used to capture the text and will be used as a variable later.

In this case we use the following;

7. What do you want to say?
Switch tv to $

8. What's another way to say it?
Turn on $

9. And another way?
Change tv to $

10. What do you want the Assistant to say in response?
OK turning on $

11. Language?
English

12. Select **Create Trigger**

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?

switch tv to $

Enter a $ where you'll say the text ingredient

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

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

Language

English ⌄

Create trigger
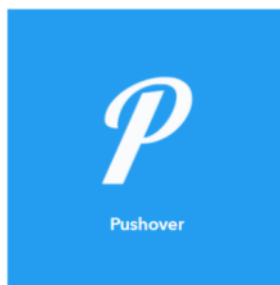
13. Select **+that**

14. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

Q   pushover

Pushover

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

Here you configure the action fields. The Title is used as the primary variable and Message is used as the secondary variable. In this case, we use the following;

NOTE: These will be used in Control4 and are case sensitive so, please type them in exactly the same way as you have in Composer.

16. Title
    Set channel

17. Message
    {{TextField}}

18. Device
    Control4_IFTTT

19. Select **Create Action**

20. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

set channel

Add ingredient

Message

TextField

Add ingredient

Message Priority

Normal

Message Sound

Pushover (default)

Sound to play, overriding your device's default

URL

URL to display with message

Add ingredient

Device

Control4_IFTTT

Send to a specific device on your account, instead of all

Create action

1. Select the **Programming** Tab

2. Under Device Events select the **IFTTT Maker** Driver

3. Click the radio button next to **IFTTT Action Detected**

4. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it

5. Highlight **Last Title**

6. Select 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. Select the **Conditionals** tab

11. Type in the channel you want to match. Note that this variable is dynamic and is dependent 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. Select the … next to **Select Media**

15. Select **Broadcast Video**

16. Select the channel you want and select OK
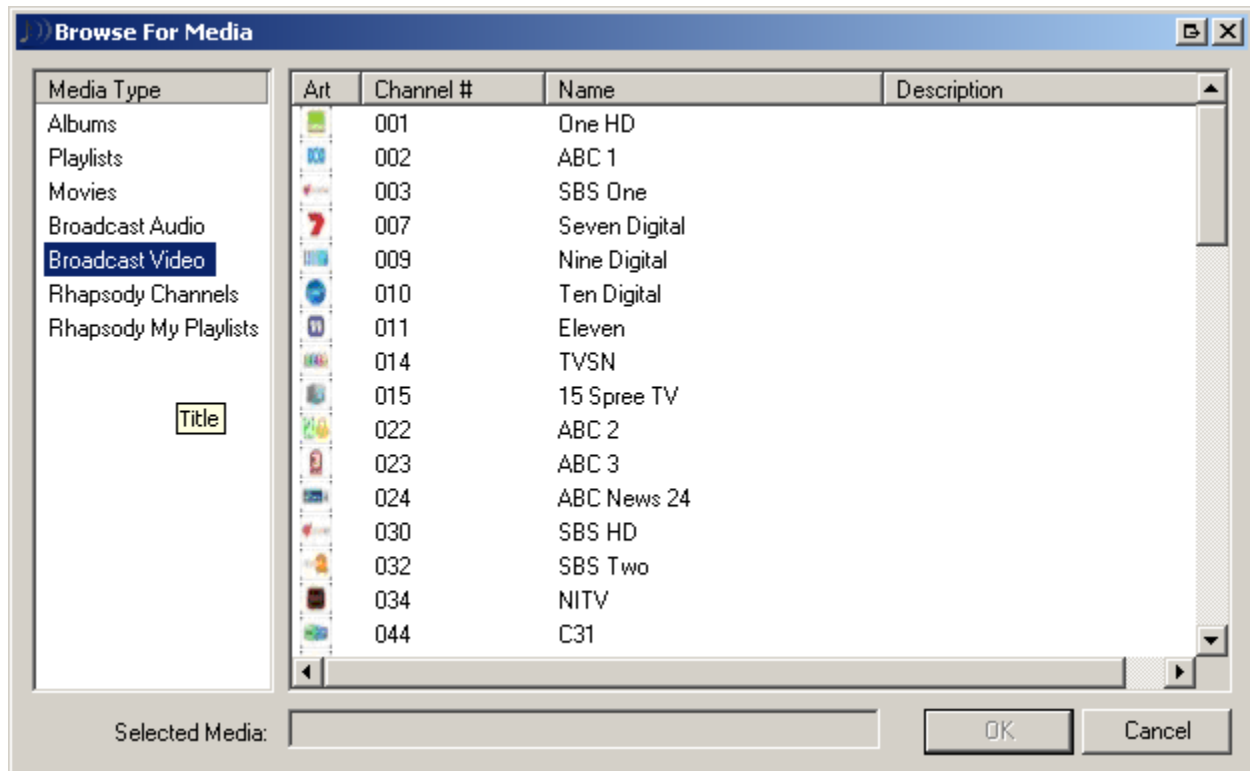
17. Drag and drop the arrow on top of the second quotation mark

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

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 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. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website

3. Select **New Applet**

4. Select **+this**

Choose a service

Step 1 of 6

Q   assist

Google Assistant

*NOTE: If prompted press **Connect** and grant IFTTT access to the Google account*

6. It will now prompt you for a 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." **Use the # symbol to specify where you'll say the number ingredient and $ where you'll say the text ingredient

Here you configure the trigger with the prompt that you want to say. The $ sign is used to capture the text and the # sign is used to capture numbers. These will be used as variables later.
In this case we use the following;

7. What do you want to say?
   Turn $ to #

8. What's another way
   Switch $ to #

9. And another way?
   Change $ to #

10. What do you want the Assistant to say in response?
    OK I'll do that for you

11. Language?
    English

12. Select **Create Trigger**

Create trigger

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

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

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

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

Language

English ⌄

Create trigger
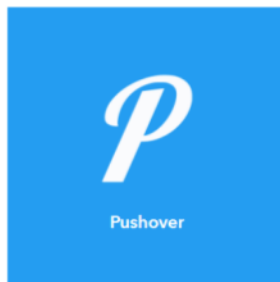
13. Select **+that**

if 🔵 then ➕that

14. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

🔍 pushover

P
Pushover

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

![chowmain software & apps logo]

Here you configure the action fields. The Title is used as the primary variable and Message is used as the secondary variable. In this case, we use the following;

NOTE: *These will be used in Control4 and are case sensitive so, please type them in exactly the same way as you have in Composer.*

16. Title
    {{TextField}}

17. Message
    {{NumberField}}

18. Device
    Control4_IFTTT

19. Select **Create Action**

    Create action

20. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

    Finish

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

> TextField

Add ingredient

Message

> NumberField

Add ingredient

Message Priority

Normal ⌄

Message Sound

Pushover (default) ⌄

Sound to play, overriding your device's default

URL

URL to display with message   Add ingredient

Device

Control4_IFTTT ⌄

Send to a specific device on your account, instead of all

Create action

Composer Portion

1. Select the **Programming** Tab

2. Under Device Events select the **IFTTT Maker** Driver

3. Click the radio button next to **IFTTT Action Detected**

4. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it
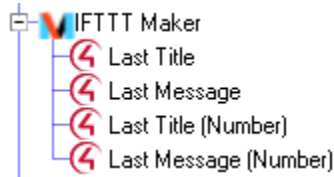
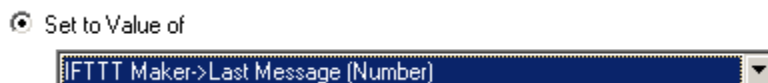5. Highlight **Last Title**

6. Select 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
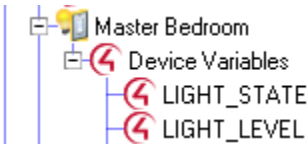
9. In the Device Actions side expand your light

10. Select the LIGHT_LEVEL device variable

11. Click the radio button next to **Set to value of**

12. Select 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)

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

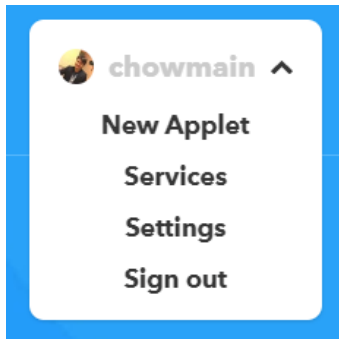This example will say your announcement over Control4 enabled speakers in the home

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

IFTTT Portion

1. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website

3. Select **New Applet**

4. Select **+this**

5. Type **assist** in the search bar and select **Google Assistant**

Choose a service

Step 1 of 6

Q   assist

Google Assistant

*NOTE: If prompted press **Connect** and grant IFTTT access to the Google account*

6. It will now prompt you for a 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.'" **Use the $ symbol to specify where you'll say the text ingredient

Here you configure the trigger with the prompt that you want to say. The $ sign is used to capture the text and will be used as a variable later.

In this case we use the following;

7. What do you want to say?
    Say this in the home $

8. What's another way to say it?
    Announce this in the home $

9. And another way?
    Announce the following in the home $

10. What do you want the Assistant to say in response?
    Announcing $

11. Select **Create Trigger**

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?

> say this in the home $

Enter a $ where you'll say the text ingredient

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

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

Language

> English ▾

Create trigger

12. Select **+that**

13. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

Q   pushover

Pushover

14. 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

Here you configure the action fields. The Title is used as the primary variable and Message is used as the secondary variable. In this case, we use the following;

NOTE: These will be used in Control4 and are case sensitive so, please type them in exactly the same way as you have in Composer.

15. Title
    Announcement

16. Message
    {{TextField}}

17. Device
    Control4_IFTTT

18. Select Create Action

19. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

announcement

Add ingredient

Message

TextField

Add ingredient

Message Priority

Normal

Message Sound

Pushover (default)

Sound to play, overriding your device's default

URL

URL to display with message

Add ingredient

Device

Control4_IFTTT

Send to a specific device on your account, instead of all

Create action

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. Select the **Programming** Tab

2. Under Device Events select the **IFTTT Maker** Driver

3. Click the radio button next to **IFTTT Action Detected**

4. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it

5. Highlight **Last Title**

6. Select the **Conditionals** tab

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

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

9. On the Device Actions side highlight the **Advanced Announcements** driver

10. Click 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)

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. Select the event **WAV file Created**

18. Under the actions side select 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'

Congratulations you have successfully setup the Google Home to make announcements 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 Chromecast to another room

This example will show you how to utilize a Google Home, a single Google Chromecast device with a multi channel amplifier and have it route to different rooms dynamically.
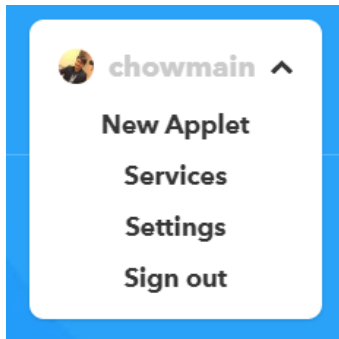
NOTE: This guide assumes that you have already configured the Google Chromecast device and have it connected to a multi channel amplifier

IFTTT Portion

1. Log in to **https://ifttt.com**

2. Select the arrow next to your account in the top right corner of the website
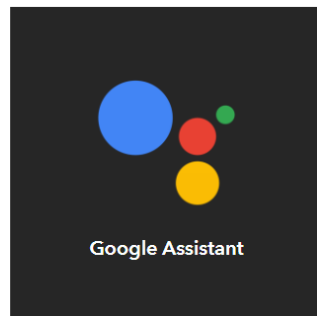

3. Select **New Applet**

4. Select **+this**

5. Type **assist** in the search bar and select **Google Assistant**

Choose a service

Step 1 of 6

🔍 assist

NOTE: *If prompted press **Connect** and grant IFTTT access to the Google account*

6. It will now prompt you for a 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.'" **Use the $ symbol to specify where you'll say the text ingredient

Here you configure the trigger with the prompt that you want to say. The $ sign is used to capture the text and will be used as a variable later.

In this case we use the following;

7. What do you want to say?
   Set music to play in $

8. What's another way to say it?
   Make my music play in $

9. And another way?
   OK playback of music is now set to $

10. What do you want Assistant to say in response?
    OK playback of music is now set to $

11. Select **Create Trigger**

Create trigger

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?

set music to play in $

Enter a $ where you'll say the text ingredient

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

What do you want the Assistant to say in response?

OK playback of music is now set to $

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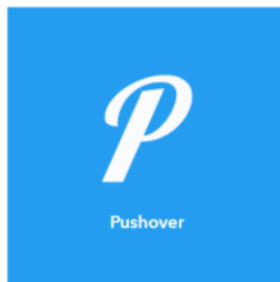
Language

English

Create trigger

12. Select **+that**

13. Type in **pushover** in the search bar and select **Pushover**

Choose action service

Step 3 of 6

14. It will now prompt you for an action. Select **Send a Pushover notification**

Here you configure the action fields. The Title is used as the primary variable and Message is used as the secondary variable. In this case, we use the following;

NOTE: These will be used in Control4 and are case sensitive so, please type them in exactly the same way as you have in Composer.

15. Title
    Set room

16. Message
    {{TextField}}

17. Device
    Control4_IFTTT

18. Select **Create Action**

    Create action

19. It will now ask you to review your applet. Once you have confirmed it is right then select the **Finish**

    Finish

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

Send a Pushover notification

This Action will generate a Pushover notification to your subscribed devices

Title

announcement

Add ingredient

Message

TextField

Add ingredient

Message Priority

Normal ⌄

Message Sound

Pushover (default) ⌄

Sound to play, overriding your device's default

URL

URL to display with message   Add ingredient

Device

Control4_IFTTT ⌄

Send to a specific device on your account, instead of all

Create action

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. Select the **Agents tab**
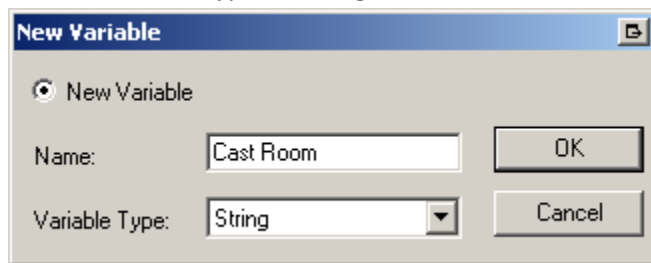
3. Select Variables

4. Select Add

| Variables | Add... | Delete |

5. Type a name for the variable e.g. **Cast Room**

6. Set the Variable Type to **String**

New Variable

⊙ New Variable

Name: Cast Room

Variable Type: String

OK

Cancel

7. Select the **Programming** Tab

8. Under Device Events select the **IFTTT Maker** Driver

9. Click the radio button next to **IFTTT Action Detected**

10. On the Device Actions side select the + symbol next to the **IFTTT Maker** Device action to expand it

IFTTT Maker
   Last Title
   Last Message
   Last Title (Number)
   Last Message (Number)

11. Highlight **Last Title**

12. Select the **Conditionals** tab

13. Type in the title we set earlier (in this case it was **set channel**)

⊙ Is = ▼ set room

14. Drag the **Question mark** over to your script

15. Expand the Variables Action by pressing the + button

16. Select the variable we created earlier e.g. **Cast Room**

17. Click 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

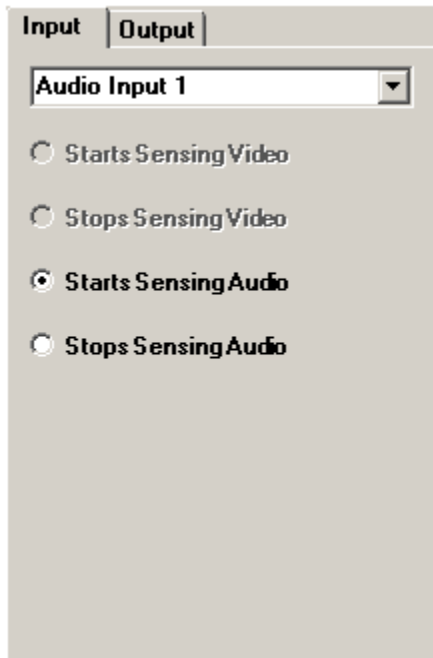20. On the events side select your amplifier

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 select Conditionals

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

25. Drag in the **question mark** into the script

26. Select 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

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

NOTE: Repeat steps 8 – 28 for each room you want to set

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

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