

Build-A-Thon-SmartInternz

Anudeep Chintha

Movie-Booking-Chat-Bot-using-IBM Watson and Node-Red

This repository is aimed at helping anyone get started with understanding how to use Watson Assistant service to create a simple chat bot that will book seats to a movie for you. This will be done using a feature called Slots.

Watson Assistant

The [Watson Assistant](#) service available as a Platform as a Service (PaaS) on IBM Cloud provides a AI tooling that can easily allow creating conversational solutions that fits one's business needs.

Basic Concepts & Terminologies

Workspace

A workspace in Watson Assistant is a container for all artifacts that define the behaviour of your system, i.e. Chatbot.

Utterance

An utterance or user example is an input that a user provides when prompted, including questions and statements.

Intent

An intent is the purpose expressed by user input, which usually acts as a label for a group of utterances. For instance, if "Where can I find the gym?" is the question provided by a user, the Watson Assistant service understands that the user's intent is to ask about the location of something (in this case, the gym, which is called the entity).

Entity

An entity is usually a classification of objects aimed to help alert the response to an intent. Using the same example of the user asking "Where can I find the gym?", the Watson Assistant service understands that the entity being asked about is the gym. The entity could have been something else like the restaurant, to which the Watson Assistant service would have provided a different response, despite the intent being the same.

Context

Context is information gathered from an external source to customize responses.

Response

A response is what the Conversation service returns to the user's utterances based on the detected intent, and entity can be in the form of text or an action like displaying a map.

Dialog

A dialog defines the conversational flow, which is simply a logical flow that determines responses based on a met condition. The dialog flows in a top-to-bottom, left-to-right fashion.

Dialog Node

A dialog node is a single interaction in a conversation that is triggered when a condition is met and provides a response back to the user.

Slots

Slots are considered the easiest way to gather information from users, allowing what usually takes several dialog nodes to be consolidated into a single node.

Process

Sign up on IBM Cloud

An IBM Cloud account - A lite account, which is a free of charge account that doesn't expire, can be created through going to [IBM Cloud](#).

Create a Watson Assistant service

1. Select **Catalog** found at the top right of the page.
2. Click on **Watson** from the menu on the left, which you can find under **Platform** services.
3. Select **WWatson Assistant (formerly Conversation)**.
4. Enter the **Service name** or keep the default value and make sure to select your desired **region/location**, **organization**, and **space**.
5. Select **Lite** for the **Plan**, which you can find under **Pricing Plans** and is already selected. Please note you are only allowed one instance of a Lite plan per service.
6. Click on **Create**.
7. You will be taken to the main page of the service. Click on **Launch tool**.

Create a Workspace

1. Scroll down and click on **Create a Workspace** found under **Get started now**
2. Click on **Create** found in the dotted box that is titled **Create a new workspace**.
3. Give your workspace a **Name** and **Description** (optional) based on the purpose of the conversational solution (We will call the workspace *Simple Movie Booking Bot*).
4. Click *Create*. This will open the workspace, where you will define the **Intents**, **Entities** and **Dialog**.

Define Intents

For the intents, we can define 3 main intents that the user will have: greeting the bot (#greeting), thank the bot for accomplishing the task (#thankyou), and booking movie ticket(s) (#book_tickets).

1. Under the tab **Intents**, click on **Add intent**.
2. Enter the **Intent name** and **Description** (optional) and click on **Create intent**.
3. Under **Add user examples**, add the utterances that are expected to be mentioned based on the intent and click on **Add example**. Make sure to add atleast 5 user examples per intent to proper allow the Natural Language Classifier that is embedded in the Watson Assistant service.

Details about the intent #greeting

Details about the intent #thankyou

Details about the intent #book_tickets

Define Entities

For the entities, we can define 3 main entities that the user might use: terms related to the category of movies (@movie), examples of movie names (@movie-name), and example of cinema names found in Dubai (@dubai-cinema). For each entity, we will be defining a value and the different synonyms that a person might use by which he/she means the same value.

1. Under the tab **Entities**, click on **Add entity** that will be under the tab **My entities** (these are the user defined entities).
2. Enter the **Entity name** and click on **Create entity**.
3. Add the **Value name** and its corresponding **Synonyms** and click on **Add value**. Here, there are restrictions on the number of values and synonyms that can be added.

Details about the entity @movie

Details about the entity @movie-name

Details about the entity @dubai-cinema

4. Under **System entities**, which are pre-defined entities that can be directly used, enable **sys-date**, **sys-time**, and **sys-number**. These will be used in the

dialog to get the date and time of when the user wishes to see the movie and the number of seat he/she wishes to reserve.

Define Dialog Flow

1. Click on the tab **Dialog**, where you will see to pre-defined nodes: *Welcome* and *Anything else*. The *Welcome* has a special condition called **welcome** that is triggered when a conversation is started by the system. The *Anything else* node has a special condition called **anything_else** that is triggered when the user input does not match any of the conditions in previous nodes.
2. Click on the *Welcome* node and modify the responses that will determine how the bot first greets the user, as seen in the diagram below.
3. Also, click on **Set to random**, so that the response change everytime the user tries out the bot.
4. Click on **Add node** to add a node under the *Welcome* node.
5. Call the node *Greetings* and set the condition under **If bot recognizes** to *#greeting*. This means that, after the welcoming message, if the bot detects that the user is greeting it, it will respond with whatever is added under **Then respond with:** and **wait for user input**, which is indicated under **And finally**.
6. Create a new node and call it *Thank You*, which is triggered when *#thankyou* is detected. Complete the rest of the details as follows.
7. Click on the *Greetings* node and click on **Add node**.
8. Call the node *Movie Booking Details*. As a name suggests, this is where we will be gathering details about the booking, which will be done through slots.
9. Beside the name of the node we just defined, there is a **Customize** button. Click on it, enable **Slots** and click on **Apply**.
10. Set the triggering condition under **If bot recognizes:** to *#book_tickets* and fill the conditions to be checked afterwards under **Then check for:** as follows:

1. Check for: @movie-name
Save it as: \$moviename
If not present, ask: There are only 2 movies available (Spider-Man: Homecoming and Star Wars:The Last Jedi). Please enter the name of the movie you would like to watch
2. Check for: @dubai-cinema
Save it as: \$movielocation
If not present, ask: Please enter the location of your preference in Dubai
3. Check for: @sys-date
Save it as: \$moviedate
If not present, ask: Please enter preferred date of booking
4. Check for: @sys-time
Save it as: \$movietime
If not present, ask: Please enter preferred time of booking
5. Check for: @sys-number
Save it as: \$seats
If not present, ask: For how many people should I book?

All of this information can be gathered from one user utterance, if provided by the user. Otherwise, the user will be asked about anything that is missing by presenting what is under **If not present, ask**. The information provided is saved in context variables, which are defined under **Save it as**, that can be used at any point throughout the conversation.

11. Provide the user with a summary of the information he/she provided through the response under **Then respond with** (as seen below).

Try It Out

Next is trying out the flow defined.

1. Click on the **Try it** button found at the top right of the page.
2. Start conversing with the chatbot (an example is given below).

We will notice that the intent for when we mentioned the location and the number of seats is **Irrelevant**. That is because we only mentioned entities, which were labelled

correctly. We can adjust the intent and change it from **Irrelevant** to *#book_tickets* based on which the bot will be retrained.

Importing a workspace

Alternatively, instead of going step-by-step, we can import the entire workspace containing all defined intents, entities and the dialog flow.

1. In the main page of the Workspaces, click on the arrow found beside **Create** that is next to **Workspaces** title.
2. Select the file called *SimpleMovieBookingBot.json*, which can be found in this repository.

Integrate It into an Application and Deploy it to IBM Cloud

This can be done by following the steps found in this [Github repository](#). The difference is that we will be using the Watson Assistant service and workspace we just created.

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cm/v1:bluemixpublicconversation:eu-gb-a-2fab0bd99a08054a5ebf6a2e0Bd1e40ed4d09e3d5-9346-4cf2-...

IBM Watson Assistant Lite Upgrade

Sample

Intents
Entities
Dialog
Options
Analytics
Versions
Content Catalog

Add node Add child node Add folder

Movie-Name
#movies-availability
1 Responses / 0 Context Set / Does not return

Movies Information
@movie-name:Joker
1 Responses / 0 Context Set / Return allowed

Morning Show
@timings:(Morning show)
1 Responses / 0 Context Set / Return allowed

collect name
@name
1 Responses / 1 Context Set / Return allowed

Night Show
@timings:(Night show)
1 Responses / 0 Context Set / Return allowed

collect name - copy1
@timings:(Night show)
1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Evening Show

Try it out

Clear Manage Context

@name:John

Thank you, John. Please select any one of the options

Option
Yes/No
Continue Booking
Cancel Booking

Yes

Irrelevant

@response:yes

Successful
Success

Booking Confirmed!

Use the up key for most recent

Enter something to test your assistant

1:48 PM
24-Nov-20

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cm/v1:bluemixpublicconversation:eu-gb-a-2fab0bd99a08054a5ebf6a2e0Bd1e40ed4d09e3d5-9346-4cf2-...

IBM Watson Assistant Lite Upgrade

Sample

Intents
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Dialog
Options
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Add node Add child node Add folder

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@movie-name:Joker
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1 Responses / 0 Context Set / Return allowed

collect name
@name
1 Responses / 1 Context Set / Return allowed

Night Show
@timings:(Night show)
1 Responses / 0 Context Set / Return allowed

collect name - copy1
@timings:(Night show)
1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Evening Show

Try it out

Clear Manage Context

John

Irrelevant

@name:John

Thank you, John. Please select any one of the options

Option
Yes/No
Continue Booking
Cancel Booking

Yes

Irrelevant

@response:yes

Successful
Success

Booking Confirmed!

Use the up key for most recent

Enter something to test your assistant

1:48 PM
24-Nov-20

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cmv1:bluemixpublicconversation:eu-gb-a-2fab0bd99a08054a5ebf6a2e03d1e40ed4d09e3d5-9346-4cf2-...

IBM Watson Assistant Lite Upgrade

Sample

Intents
Entities
Dialog
Options
Analytics
Versions
Content Catalog

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@timings:(Night show)
1 Responses / 0 Context Set / Return allowed

collect name - copy1
@timings:(Night show)
1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Evening Show

Try it out

Clear Manage Context

1) Joker
2) X-Men
3) First Man

Joker

Irrelevant

@movie-name:Joker

Thanks for selecting "JOKER" movie

- Morning show
- Afternoon show
- Evening show
- Night show

morning show

#greetings

@sys-time:06:00:00
@sys-time:12:00:00
@timings:Morning show

You Selected "Morning Show"
Please enter your name.

John

Use the up key for most recent

Enter something to test your assistant

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cmv1:bluemixpublicconversation:eu-gb-a-2fab0bd99a08054a5ebf6a2e03d1e40ed4d09e3d5-9346-4cf2-...

IBM Watson Assistant Lite Upgrade

Sample

Intents
Entities
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Options
Analytics
Versions
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Add node Add child node Add folder

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Morning Show
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collect name
@name
1 Responses / 1 Context Set / Return allowed

Night Show
@timings:(Night show)
1 Responses / 0 Context Set / Return allowed

collect name - copy1
@timings:(Night show)
1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Evening Show

Try it out

Clear Manage Context

Hello, How can I help you to book a movie ticket?

Image-Welcome

Hi

#greetings

Hello, how can I assist you to book a movie ticket?

movies

#movies-availability

Please, enter the movie name:

- Joker
- X-Men
- First Man

Use the up key for most recent

Enter something to test your assistant

IBM Watson Assistant Lite Upgrade Learning center

Sample

Save new version Try it

The following entities are prebuilt by IBM to recognize references to things like numbers and dates in user input. Turn on a system entity to start using it. You cannot edit system entities. [Learn more](#)

Name (5)	Description	Status
@sys-number	Extracts numbers mentioned from user examples as digits or written as numbers. (21)	On
@sys-percentage	Extracts amounts from user examples including the number and the % sign. (15%)	On
@sys-currency	Extracts currency values from user examples including the amount and the unit. (20 cents)	On
@sys-date	Extracts date mentions (Friday)	On
@sys-time	Extracts time mentions (at 10)	On

What's new Enhanced intent detection is now available as a beta feature. Try it now

Type here to search

Node-RED: node-red-2001.eu-gb.mybluemix.net/red/#flow/72c7ee.c54b0814

Node-RED

Flow 1

inject → Hello Node-RED! → msg.payload

timestamp → assistant V2 → msg.payload

msg.payload must be either empty or a string

msg.payload

Node: "d8882d5.59939d"

Type: debug

ctrl-space will toggle the view of this sidebar

Node-Red-123 | Delivery Pipeline

Build Stage: STAGE PASSED

Deploy Stage: STAGE PASSED

Jobs: Build, Rolling Deploy

Last Execution Result: Build 2

Node-Red-123

View console

Build 2

FEEDBACK

ASK A QUESTION

Sample

Intents

Intents (4) ↑	Description	Modified ↑↓	Examples ↑↓
#book-tickets		7 hours ago	6
#enquiry		7 hours ago	7
#greetings		7 hours ago	6
#movies-availability		7 hours ago	4

Showing 1-4 of 4 intents

1 1 of 1 pages

What's new Enhanced intent detection is now available as a beta feature. Try it now

7:27 PM 18-Nov-20

IBM Watson Assistant Lite Upgrade

Movie Ticketing Bot

Used for book tickets.

Actions Beta

Build conversations easier than ever

- Have an assistant ready to chat in less time, with less effort
- Compose step-by-step flows for any range of simple or complex conversations
- Focus more on your customer's goals and experience
- Collaborate and work more intuitively, made so that anybody can build

[Learn more](#)

[Add an actions skill](#)

Integrations

Web chat

Preview link

Choose a channel to deploy your assistant. [Add integration](#)

Dialog

Sample	Trained Data	Version	Description	Version Created
English (US)	4 Intents 8 Entities 4 Dialog nodes	---	---	---

LINKED ASSISTANTS (1): Movie Ticketing Bot

Search Plus

Turn any content into answers

IBM Watson Assistant Lite Upgrade

Assistants

An assistant helps your customers complete tasks and get information faster. It may clarify requests, search for answers from a knowledge base, and can also direct your customer to a human if needed.

[Create assistant](#)

Movie Ticketing Bot

Used for book tickets.

Skills (1)

Sample

Integrations (2)

Web chat

My first assistant

Built for you to explore and learn.

Skills (1)

My first skill

Integrations (2)

Web chat

IBM Watson Assistant Lite Upgrade

Sample

Intents

Entities

My entities

System entities

Dialog

Options

Analytics

Versions

Content Catalog

Entity (3) ↑	Values	Modified 11
@location	PVP Cinemas, IMAX	7 hours ago
@movie-name	X-Men, First Man, Joker	7 hours ago
@timings	Matinee, Night show, evening show, Morning show	7 hours ago

Showing 1-3 of 3 entities

1 1 of 1 pages

Create entity +

What's new Enhanced intent detection is now available as a beta feature. Try it now

Type here to search

7:27 PM 18-Nov-20

IBM Watson Assistant Lite Upgrade

Sample

Intents

Entities

Dialog

Options

Analytics

Versions

Content Catalog

Add node Add child node Add folder

Welcome
welcome
1 Responses / 0 Context Set / Does not return

Greetings
#greetings
1 Responses / 0 Context Set / Does not return

Movie-Name
#movies-availability
1 Responses / 0 Context Set / Does not return

Movies Information
@movie-name:Joker
1 Responses / 0 Context Set / Return allowed

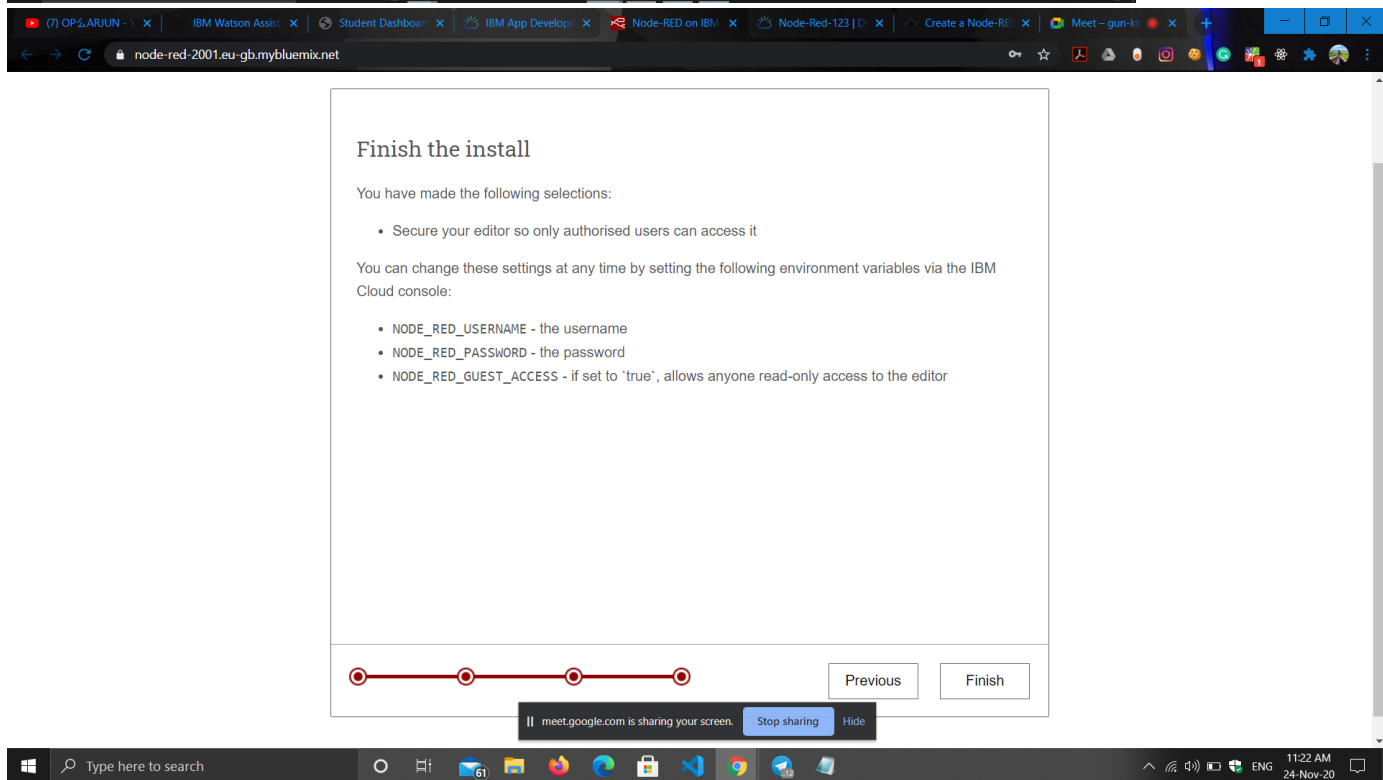
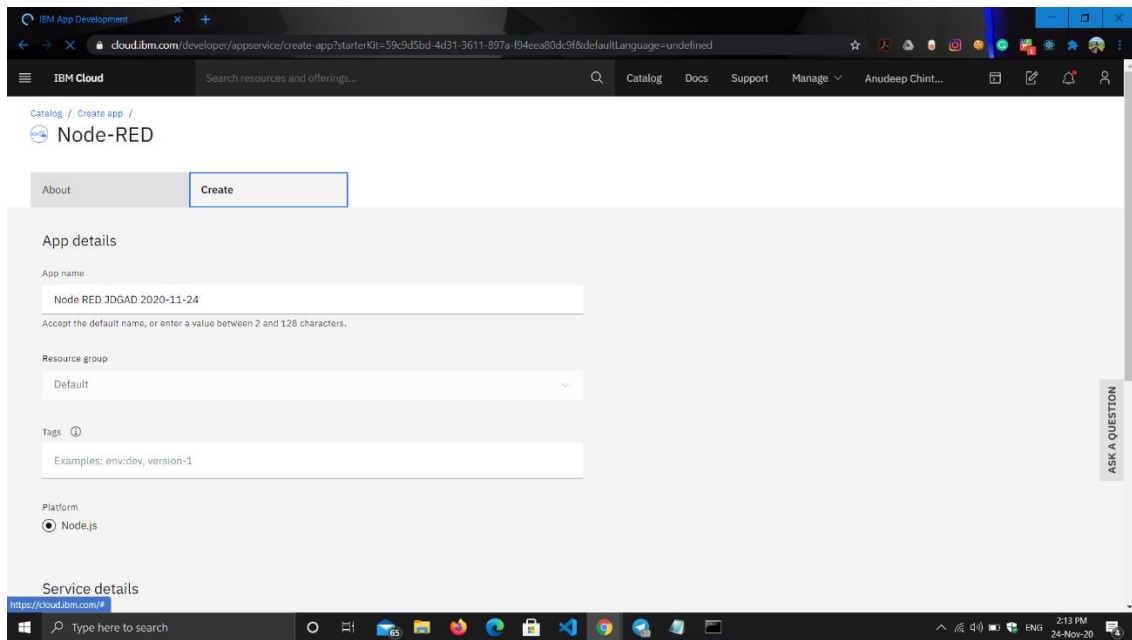
Morning Show
@timings:(Morning show)
1 Responses / 0 Context Set / Return allowed

collect name
@name
1 Responses / 1 Context Set / Return allowed

Night Show
@timings:(Night show)
1 Responses / 0 Context Set / Return allowed

Type here to search

1:40 PM 24-Nov-20



Resource list - IBM Cloud

cloud.ibm.com/resources

IBM Cloud

Resource Results

Node-Red

Node-Red-123

Node-Red-123

Node-Red-123

node-red-123-cloudant-1606196427921

Node-RED App

Search "Node-Red" in Support Cases

Search "Node-Red" in Docs

View all resource results

View all catalog results

Offering

Status

Tags

Continuous Delivery

Watson Assistant

Watson Studio

Cloudant

Active

Active

Active

Active

Create resource

FEEDBACK

cloud.ibm.com/developer/appservice/starter-kits/59c9d5bd-4c31-3611-897a-f94eca80dc9f/node-red

IBM Watson Service Page

IBM Watson Assistant

cloud.ibm.com/services/conversation/cm%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2Ffab0bd99a08054a5ebf6a2e03d1e40ed%3A4d09e...

IBM Cloud

Search resources and offerings...

Catalog

Docs

Support

Manage

Anudeep Chint...

Resource list /

Watson Assistant-98

Active

Add tags

Details

Actions...

Manage

Service credentials

Plan

Connections

Start by launching the tool

Launch Watson Assistant

Getting started tutorial

API reference

Plan

Lite

Upgrade

Credentials

Download

Show credentials

API key:

URL:

https://api.eu-gb.assistant.watson.cloud.ibm.com/instances/4d09e3d5-9346-4cf2-865e-debcea38:

eu-gb-assistant.watson.cloud.ibm.com/eu-gb/.../home

Type here to search

7:27 PM

18-Nov-20

FEEDBACK

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cmv1:bluemixpublicconversationeu-gba-2fab0bd99a08054a5ebf6a2e03d1e40ed4d09e3d5-9346-4cf2...

IBM Watson Assistant Lite Upgrade Learning center

Sample

Intents
Entities
Dialog
Options
Analytics
Versions
Content Catalog

Add node Add child node Add folder

collect name - copy1
@timings (night show)
1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Evening Show
@timings:(evening show)
1 Responses / 0 Context Set / Return allowed

User-Response-Yes
@response:yes
1 Responses / 0 Context Set / Does not return

Response-No
@response:No
1 Responses / 0 Context Set / Does not return

Ph.number-Input
1 Responses / 0 Context Set / Does not return

Anything else
anything_else
1 Responses / 0 Context Set / Does not return

Successful

Node name will be shown to customers for disambiguation so use something descriptive.

Customize Settings

If assistant recognizes

Enter condition

Assistant responds

Text

Successfully booked your ticket. Thank you :)

Enter response variation

Response variations are set to sequential. Set to random | multiline
Learn more

Add response type +

Then assistant should

Choose whether you want your Assistant to continue, or wait for the customer to respond.

Wait for reply

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cmv1:bluemixpublicconversationeu-gba-2fab0bd99a08054a5ebf6a2e03d1e40ed4d09e3d5-9346-4cf2...

IBM Watson Assistant Lite Upgrade Learning center

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collect name - copy1
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1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Evening Show
@timings:(evening show)
1 Responses / 0 Context Set / Return allowed

User-Response-Yes
@response:yes
1 Responses / 0 Context Set / Does not return

Response-No
@response:No
1 Responses / 0 Context Set / Does not return

Ph.number-Input
1 Responses / 0 Context Set / Does not return

Anything else
anything_else
1 Responses / 0 Context Set / Does not return

Response-No

Node name will be shown to customers for disambiguation so use something descriptive.

Customize Settings

If assistant recognizes

@response:No

Assistant responds

Image

Title (optional)
Booking cancelled

Description (optional)
Cancelled

Image source
https://hostsaandhomes.com/wp-content/uploads/2018/11/cancellation.jpg

Add response type +

Then assistant should

Choose whether you want your Assistant to continue, or wait for the customer to respond.

Wait for reply

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/...eu-gb/cm/v1/bluemix/publicconversationeu-gb-a-2fab0bd99a08054a5ebf6a2e0f3d1e40ed4d09e3d5-9346-4cf2...

IBM Watson Assistant Lite Upgrade Learning center

Sample

Intents Entities Dialog Options Analytics Versions Content Catalog

Add node Add child node Add folder

Dialog

- collect name - copy1 @timings (Night show) 1 Responses / 1 Context Set / Return allowed
- Afternoon Show @timings.Matinee 1 Responses / 0 Context Set / Return allowed
- Evening Show @timings (evening show) 1 Responses / 0 Context Set / Return allowed
- User-Response-Yes @response:yes 1 Responses / 0 Context Set / Does not return
- Response-No @response:no 1 Responses / 0 Context Set / Does not return
- Ph.number-Input 1 Responses / 0 Context Set / Does not return
- Anything else anything_else 1 Responses / 0 Context Set / Does not return

User-Response-Yes @response:yes

Note name will be shown to customers for disambiguation so use something descriptive.

If assistant recognizes

@response:yes +

Assistant responds

Image

Title (optional) Successful Description (optional) Success

Image source https://image.slidesharecdn.com/onlinebookingsystem-141016084827-conversion-gate02/95/6-goldr

Add response type +

Then assistant should

Choose whether you want your Assistant to continue, or wait for the customer to respond.

Wait for reply

Type here to search

1:41 PM 24-Nov-20

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/...eu-gb/cm/v1/bluemix/publicconversationeu-gb-a-2fab0bd99a08054a5ebf6a2e0f3d1e40ed4d09e3d5-9346-4cf2...

IBM Watson Assistant Lite Upgrade Learning center

Sample

Intents Entities Dialog Options Analytics Versions Content Catalog

Add node Add child node Add folder

Dialog

- Movie Name #movies-availability 1 Responses / 0 Context Set / Does not return
- Movies Information @movie-name:Joker 1 Responses / 0 Context Set / Return allowed
- Morning Show @timings (Morning show) 1 Responses / 0 Context Set / Return allowed
- collect name @name 1 Responses / 1 Context Set / Return allowed
- Night Show @timings (Night show) 1 Responses / 0 Context Set / Return allowed
- collect name - copy1 @timings (Night show) 1 Responses / 1 Context Set / Return allowed
- Afternoon Show @timings.Matinee 1 Responses / 0 Context Set / Return allowed

collect name

Note name will be shown to customers for disambiguation so use something descriptive.

If assistant recognizes

@name +

Then set context

Variable	Value
name	@name

Add variable +

Assistant responds

Text

Thank you, \$name. Please select any one of the options

Enter response variation

Response variations are set to sequential. Set to random | multiline

Type here to search

1:40 PM 24-Nov-20

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cmv1:bluemixpublicconversation:eu-gba-2fab0bd99a08054a5ebf6a2e0b3d1e40ed4d09e3d5-9346-4cf2...

Sample

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1 Responses / 1 Context Set / Return allowed

Afternoon Show
@timings:Matinee
1 Responses / 0 Context Set / Return allowed

Morning Show

Node name will be shown to customers for disambiguation so use something descriptive.

If assistant recognizes
@timings:(Morning show)

Assistant responds

Text

You Selected "Morning Show"
Please enter your name.

Enter response variation

Response variations are set to sequential. Set to random | multiline

Learn more

Add response type +

Then assistant should

Choose whether you want your Assistant to continue, or wait for the customer to respond.

Wait for reply

IBM Watson Assistant

eu-gb.assistant.watson.cloud.ibm.com/eu-gb/cmv1:bluemixpublicconversation:eu-gba-2fab0bd99a08054a5ebf6a2e0b3d1e40ed4d09e3d5-9346-4cf2...

Sample

Intents
Entities
Dialog
Options
Analytics
Versions
Content Catalog

Add node Add child node Add folder

1 Responses / 0 Context Set / Does not return

Greetings
#greetings
1 Responses / 0 Context Set / Does not return

Movie-Name
#movies-availability
1 Responses / 0 Context Set / Does not return

Movies Information
@movie-name:Joker
1 Responses / 0 Context Set / Return allowed

Morning Show
@timings:(Morning show)
1 Responses / 0 Context Set / Return allowed

collect name
@name
1 Responses / 1 Context Set / Return allowed

Night Show
@timings:(Night show)
1 Responses / 0 Context Set / Return allowed

collect name - copy1
@timings:(Night show)
1 Responses / 1 Context Set / Return allowed

Movies Information

Node name will be shown to customers for disambiguation so use something descriptive.

If assistant recognizes
@movie-name:Joker

Assistant responds

Option

Title

Thanks for selecting "JOKER" movie

Description (optional)

Add description

List label

Value

1	Morning show	morning show
2	Afternoon show	noon
3	Evening show	Enter value
4	Night show	Enter value

The screenshot displays the IBM Watson Assistant interface. On the left, a sidebar contains navigation options: Intents, Entities, Dialog, Options, Analytics, Versions, and Content Catalog. The main area shows a 'Sample' dialog flow with nodes for 'collect name - copy1', 'Afternoon Show', 'Evening Show', 'User-Response-Yes', 'Response-No', 'Succesfull', and 'Anything else'. The 'Anything else' node is selected, and its configuration is shown on the right. The configuration includes a 'Node name' field with the value 'anything_else', a 'Customize' button, and a section for 'Assistant responses' with a list of predefined responses and a 'Text' response type. The bottom of the interface shows a Windows taskbar with various application icons and a system clock indicating 1:41 PM on 24-Nov-20.

Assistant settings

Movie Ticketing Bot

The screenshot shows the 'Assistant settings' page for the 'Movie Ticketing Bot'. The left sidebar contains three options: 'Rename assistant', 'API details', and 'Inactivity timeout'. The 'API details' section is active, displaying the following information:

- Assistant name:** Movie Ticketing Bot
- Assistant ID:** a138d075-4842-4769-8e29-cc72b63a6c27
- Assistant URL:** https://api.eu-gb.assistant.watson.cloud.ibm.com/instances/4d09e3d5-9346-4cf2-865e...
- Service credentials:**
 - Credentials name:** Auto-generated service credentials
 - API key:** _Xoi60vR00mZVtIfc2piofixl_ZTva8jeVd0IKqPG0GE

The bottom of the interface shows a Windows taskbar with various application icons and a system clock indicating 2:30 PM on 24-Nov-20.