

# PROJECT ON MOVIE TICKETING CHAT BOT

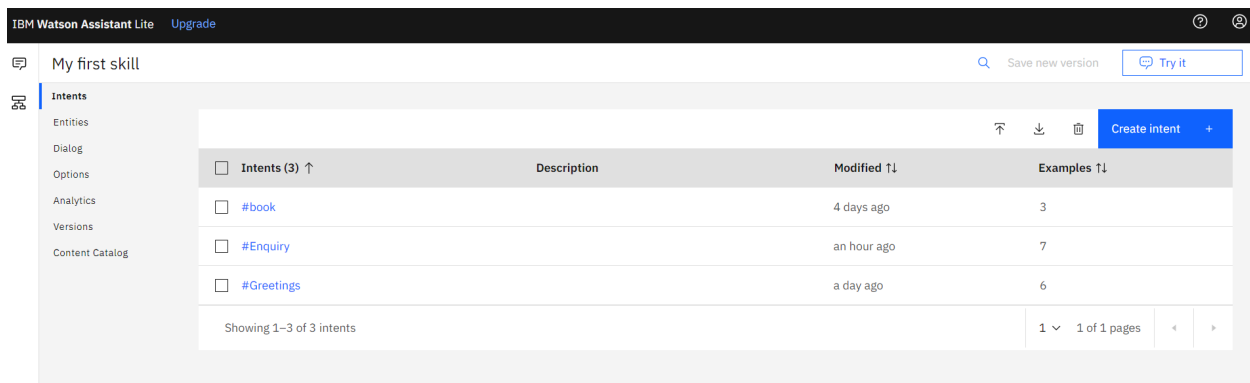
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Step 1: Launch Watson Assistant Service and Created Intents. Following intents are created.



IBM Watson Assistant Lite Upgrade

My first skill

Intents

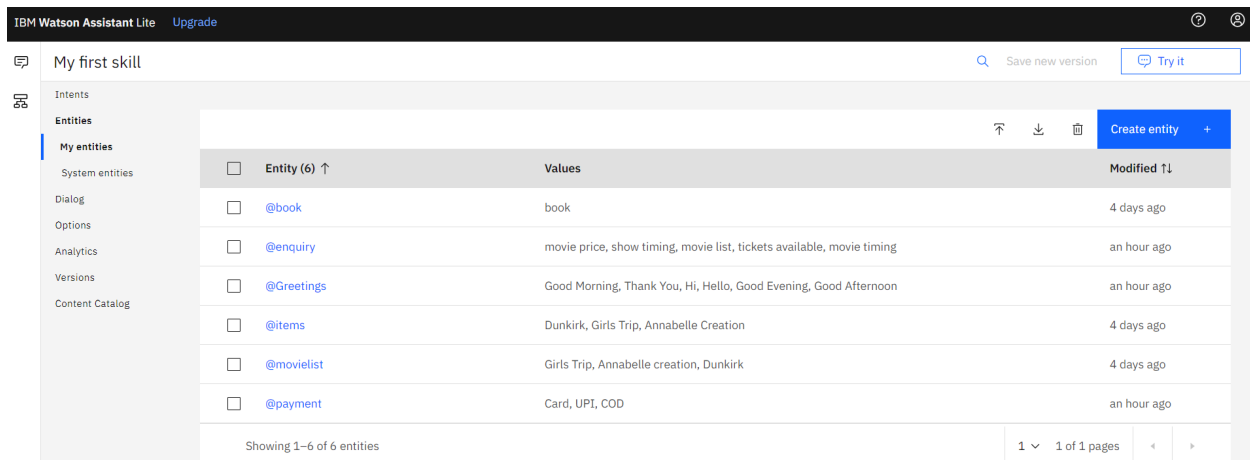
Intents (3) ↑	Description	Modified ↑↓	Examples ↑↓
#book		4 days ago	3
#Enquiry		an hour ago	7
#Greetings		a day ago	6

Showing 1–3 of 3 intents

1 1 of 1 pages

Create intent +

Step 2: Created Entities corresponding to intents. Following entities are created.



IBM Watson Assistant Lite Upgrade

My first skill

Entities

My entities

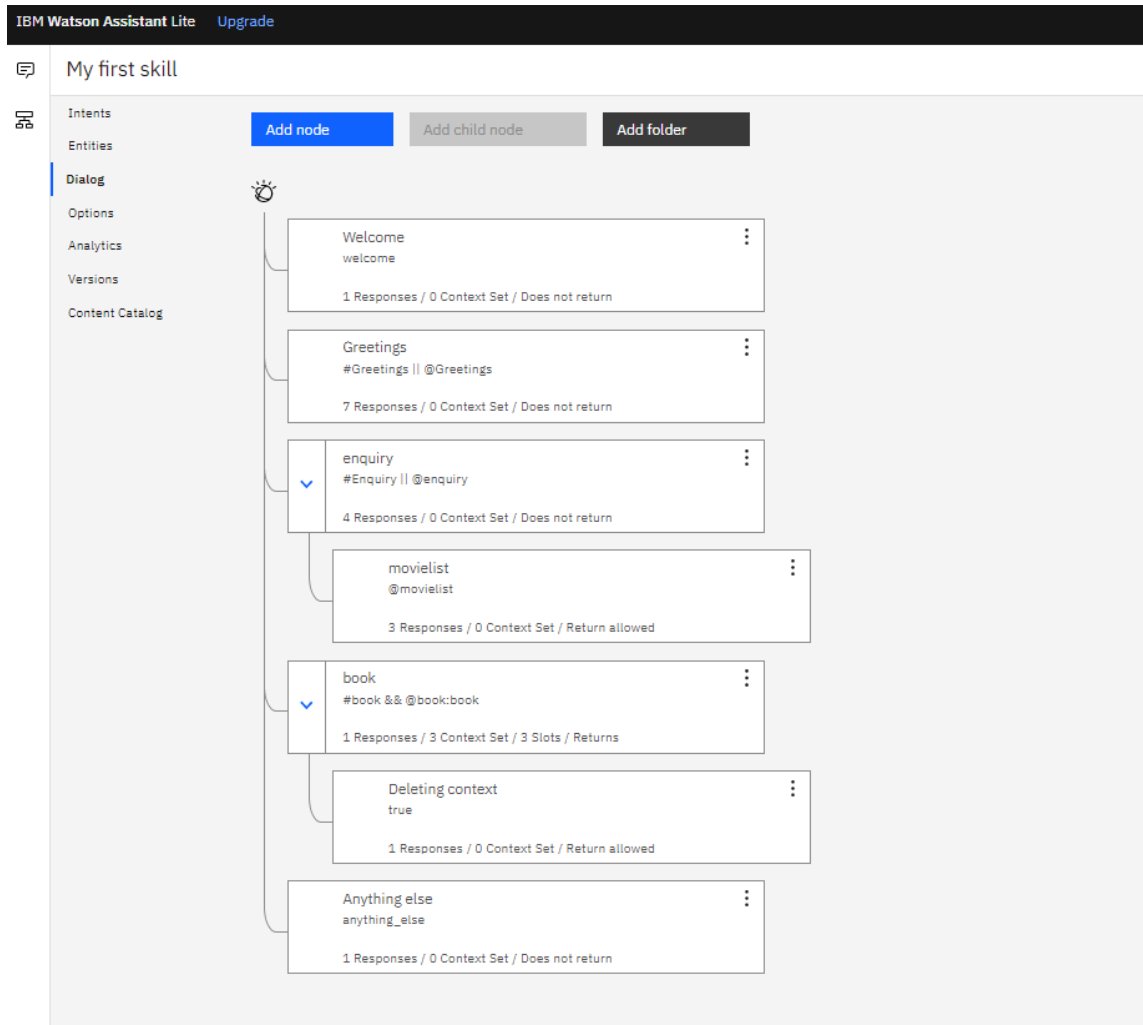
Entity (6) ↑	Values	Modified ↑↓
@book	book	4 days ago
@enquiry	movie price, show timing, movie list, tickets available, movie timing	an hour ago
@Greetings	Good Morning, Thank You, Hi, Hello, Good Evening, Good Afternoon	an hour ago
@items	Dunkirk, Girls Trip, Annabelle Creation	4 days ago
@movielist	Girls Trip, Annabelle creation, Dunkirk	4 days ago
@payment	Card, UPI, COD	an hour ago

Showing 1–6 of 6 entities

1 1 of 1 pages

Create entity +

Step 3: Created Dialog for each entities. Following dialogs are created.



Following are screenshots for each dialog:->  
Welcome Dialog:->

IBM Watson Assistant Lite Upgrade

My first skill

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 || @Greetings  
7 Responses / 0 Context Set / Does not return

enquiry  
#Enquiry || @enquiry  
4 Responses / 0 Context Set / Does not return

movielist  
@movielist  
3 Responses / 0 Context Set / Return allowed

book  
#book && @book:book  
1 Responses / 3 Context Set / 3 Slots / Returns

Deleting context  
true  
1 Responses / 0 Context Set / Return allowed

Save new version Try it

Welcome

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

If assistant recognizes

welcome +

Assistant responds

Text

Hello. I am a Movie Bot ,Capable of showing list of movies, showing the rates of all movie shows and booking a ticket. How May I Help You?

Enter response variation

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

Add response type +

Then assistant should

## Greeting Dialog:->

?

Save new version

Try it

Greetings

Customize

×

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

Settings

Assistant responds

	If assistant recognizes	Respond with		
1	@Greetings:(Good Morning)	Good Morning	⚙	🗑
2	@Greetings:(Good Afternoon)	Good Afternoon	⚙	🗑
3	@Greetings:(Good Evening)	Good Evening	⚙	🗑
4	@Greetings:Hello	Hello. I am a Movie Bot ,Capab	⚙	🗑
5	@Greetings:Hi	Hello. I am a Movie Bot ,Capab	⚙	🗑

enquiry Dialog:-

?

enquiry

Customize

Node name will be shown to customers for disambiguation so use something descriptive. [Settings](#)

Assistant responds

	If assistant recognizes	Respond with		
1	@enquiry:(movie list)	List of Movies: 1. Annabel crea		
2	@enquiry:(show timing)	Morning 9.00 am, Afternoon 11		
3	@enquiry:(movie price)	Annabelle creation: Rs.250 per		
4	@enquiry:(tickets available)	Yes, Tickets are available.		

Add response +

book dialog:-

?

Save new version

Try it

book

Customize

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

Settings

#book

and

@book:book

+

Then check for

0 Manage handlers

	Check for	Save it as	If not present, ask	Type		
1	@items	\$items	Can you provi	Required		
2	@sys-number	\$number	Can you provi	Required		
3	@payment	\$payment	We accept CO	Required		

Add slot +

If no slots are pre-filled, ask this first:

Deleting context dialog which is child node of book:->

The screenshot shows a web-based configuration interface. At the top, there is a dark header bar with a search icon, a 'Save new version' button, and a 'Try it' button. Below the header, the main content area is titled 'Deleting context'. It includes a 'Customize' button with a gear icon and a close button 'X'. A note states: 'Node name will be shown to customers for disambiguation so use something descriptive.' with a 'Settings' link. Below this, there is a section with a 'true' label, a trash icon, and a plus sign. The next section is titled 'Assistant responds' and contains a dropdown menu set to 'Text', a trash icon, and a plus sign. Below the dropdown is a text input field with the placeholder 'Enter response text'. A note indicates 'Response variations are set to sequential. Set to random | multiline' with a 'Learn more' link. At the bottom of this section is a link 'Add response type +'. The final section is titled 'Then assistant should' and contains a note: 'Choose whether you want your Assistant to continue, or wait for the customer to respond.' Below this is a dropdown menu set to 'Wait for reply'.

This deleting context dialog deletes the previous context of corresponding variables. For that In Deleting context dialog, in JSON editor write the following code  
"deleted":  
"<?context.remove('items')?><?context.remove('number')?><?context.remove('payment')?>",


Deleting context

Customize ⚙️ ✕

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

[Settings](#)

true



+

## Assistant responds

```
1 {
2   "output": {
3     "deleted": "<?context.remove('items')?><?context.remove('number')?><?context.remove('payment')?>",
4     "generic": [
5       {
6         "values": [],
7         "response_type": "text",
8         "selection_policy": "sequential"
9       }
10    ]
11  }
12 }
```

## Then assistant should

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

Wait for reply

Anything else dialog:->In this dialog , if anything other than intents has come then this dialog responds.

?

Save new version

Try it

Anything else

Customize

Node name will not be shown to customers for disambiguation. [Settings](#)

anything\_else+

Assistant responds

Text

^

v

^

I didn't understand. You can try rephrasing.

Can you reword your statement? I'm not understanding.

I didn't get your meaning.

Enter response variation

Response variations are set to **sequential**. Set to [random](#) | [multiline](#)

[Learn more](#)

Add response type +

## Now 2nd service is launched as NODE-RED open flow editor of NODE-RED

1.Create flow in it.

2.Following Nodes are inserted in the flow:

1.Function node: Write code in this node :

```
msg.payload=msg.payload.output.text[0];
```

```
return msg;
```

2.Parsing Node: Write code in this node :`msg.payload=msg.payload.text;`



return msg;

3. Form Node: This node takes User input

4 Assistant Node: This node interfaces with Watson assistant.

5 Payload node

6. Inject Node

Take all the nodes in one group and interface the assistant node to Watson assistant by giving API key, url and skill id .

Following is the Flow created in Node-Red.

Now Deploy the flow and execute the flow on other tab.

This is the URL for Chat BOT.

<https://node-red-tguoo-2020-09-30.mybluemix.net/ui/#!/0?socketid=TMV3UzSKZDdj0tlfAAAr>