

**WATSON FOR HEALTHCARE**

**NUTRITIONIST SLACKBOT**

POWERED BY  
**WATSON CONVERSATION AND DISCOVERY**

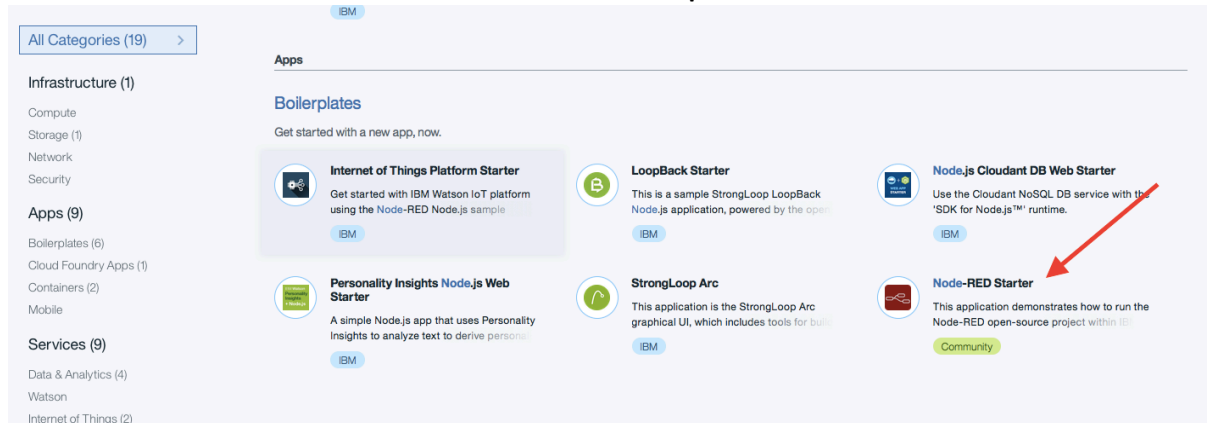
***DO IT YOURSELF!***

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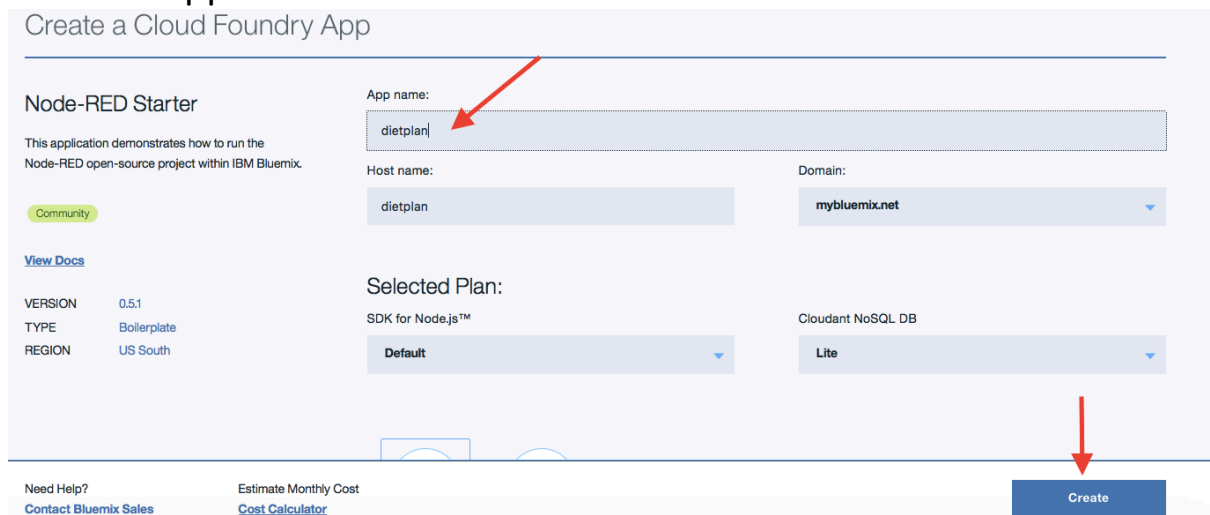
1. SETTING UP APP ON BLUEMIX
2. CONFIGURING WATSON CONVERSATION
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# SETTING UP APP ON BLUEMIX

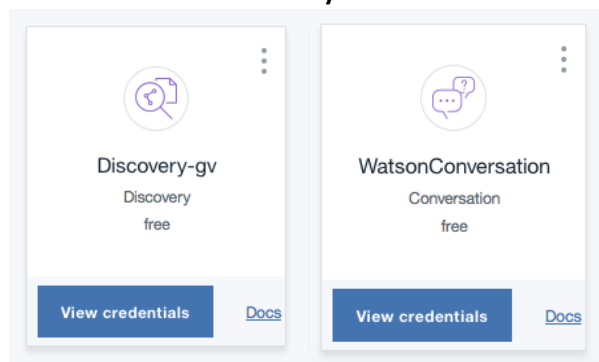
## 1. Select NODE-Red Starter from Boilerplates



## 2. Enter App name and CREATE SERVICE

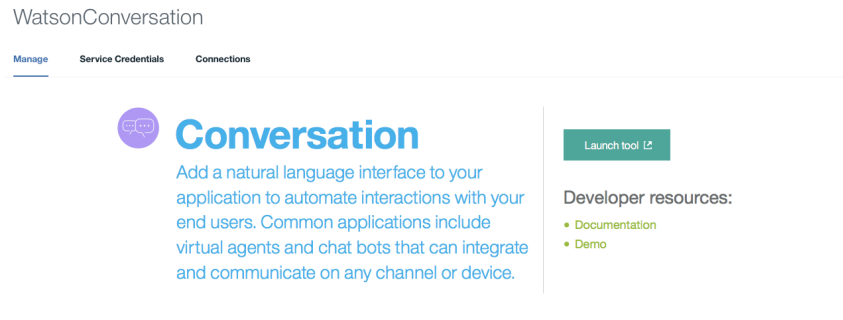


## 3. Bind Conversation & Discovery service to the Node-RED App



# CONFIGURE WATSON CONVERSATION

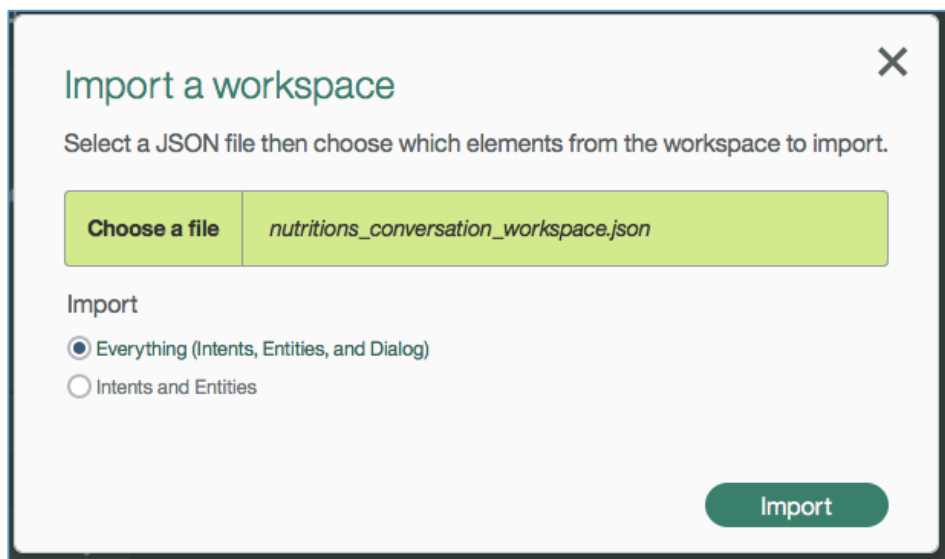
1. Click on Watson Conversation service and **Launch Tool**



2. In workspaces, click on  to import workspace

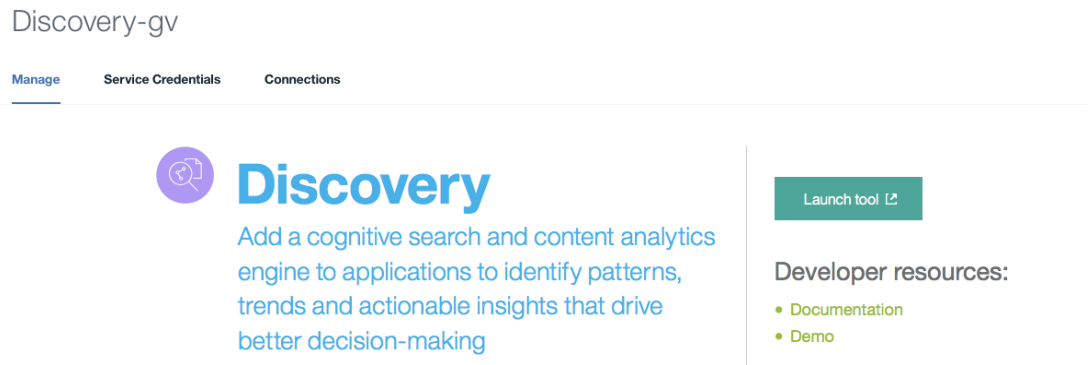


3. Choose file `nutritions_conversation_workspace.json` from [https://github.com/ECodIndia/Watson\\_Healthcare\\_Conversation/tree/master/Nutritions\\_Slackbot\\_discovery](https://github.com/ECodIndia/Watson_Healthcare_Conversation/tree/master/Nutritions_Slackbot_discovery) and Import **Everything** and Click **Import**

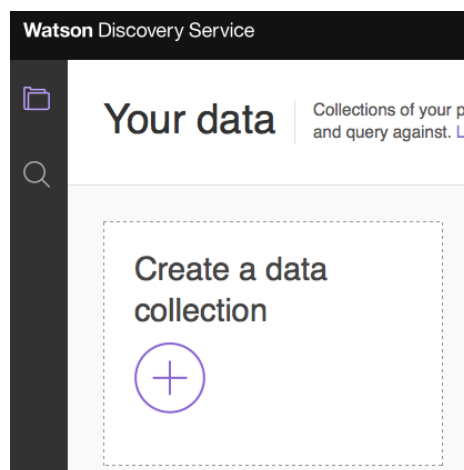


# CONFIGURE WATSON DISCOVERY

## 1. Click on Watson Discovery service and **LAUNCH TOOL**



## 2. Click on **CREATE A DATA COLLECTION**



## 3. Enter Collection name and click on **CREATE**

Name your new collection

Collection name

Select a configuration to apply

Default Configuration

▼

Cancel

Create


#### 4. Upload collections from

[https://github.com/ECODIndia/Watson\\_Healthcare\\_Conversation/tree/master/Nutrition Slackbot discovery/collection](https://github.com/ECODIndia/Watson_Healthcare_Conversation/tree/master/Nutrition%20Slackbot%20discovery/collection)

S

Take a note of **collection\_id** and **environment\_id** (required in later steps)

Your data > nutritional

[Query this collection](#) 

Collection status


Last updated	2/20/2017 1:08:27 am EST
Created	2/20/2017 1:08:27 am EST
Configuration	Default Configuration <a href="#">Switch</a>

---

API information

collection_id	13ae6bf4-16bb-410e-b796-a9704d928f1a
configuration_id	178fc9c7-9f4f-48a4-b76e-14985883914e
environment_id	ae6cd218-ab2d-42da-9ed1-20e4f8d7d125

Add data to this collection



Drag and drop your documents here  
or [browse from computer](#)

Maximum file size: 50MB  
File format: PDF, WORD, HTML, and JSON

Documents available	0
Documents processing	0
Documents failed	0

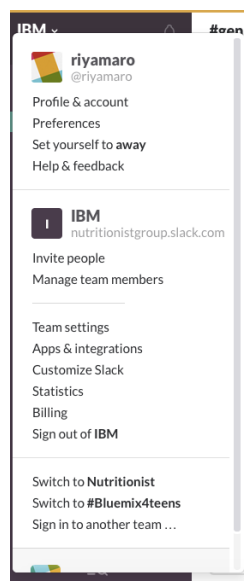
# CONFIGURE SLACK

## 1. CREATE NEW TEAM IN SLACK

- Create a new team in slack <https://slack.com/create#email> by entering your Email ID.
- Enter 6-digit confirmation code that you have received in your Email ID.
- Create new username and password.
- Enter details about your team and company name.
- Choose the address you'll use to sign into Slack (Address has to be unique) and Click on **CREATE TEAM**.
- Review and agree the Terms and Conditions.
- If required, send invitations to your friends or skip it for now.
- Your team is set up! You can enter into your team with the address you had set. For Example: nutritionistgroup.slack.com

## 2. Configure Slash Command in Slack

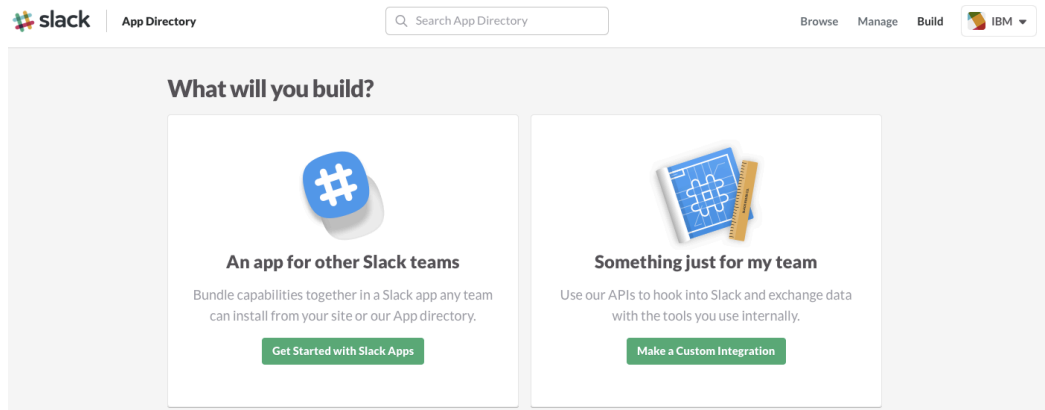
1. Goto your team, In the left side, click as shown below. In the drop down click on **Apps & Integrations**



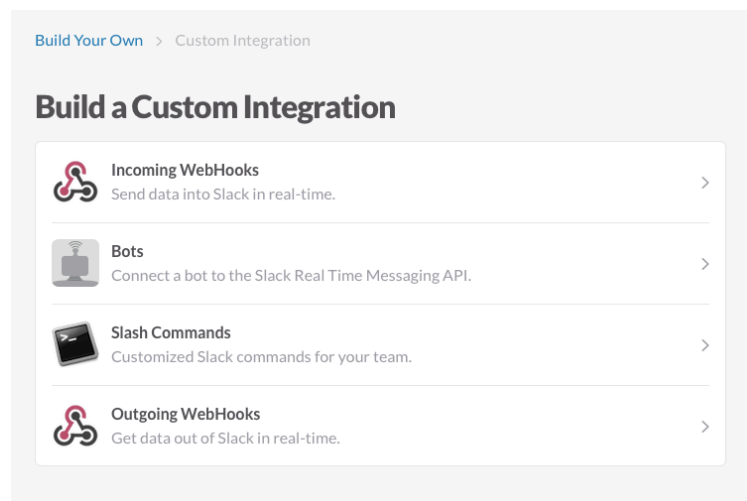
2. Click on Build in the right side



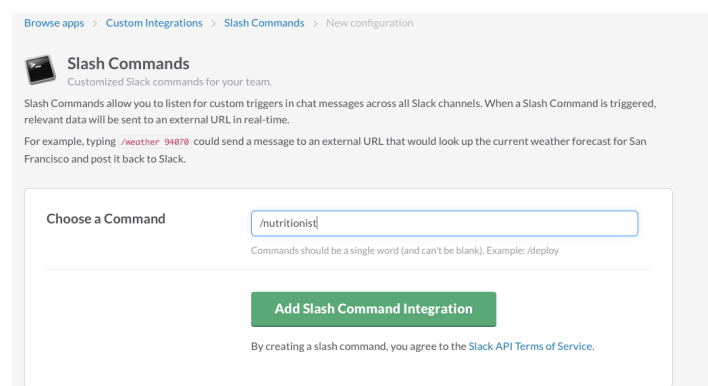
3. Click on Make a Custom Integration as shown in the image below



4. Click on Slash Commands as shown below



5. Choose a name (For Example: /nutritionist) and Add Slash Command Integration





- URL is your node-red URL with HTTP IN URL appended (Note down your request URL(For example /slack), have to be added in the Node-Red HTTP In node). Method is **POST**.

**Note down TOKEN in notepad (required in later steps)**

### Integration Settings

**Command**

Commands should be a single word (and can't be blank). Example: /deploy

**URL**

The URL to request when the slash command is run.

**Method**

POST

Should we do a POST or GET to the above URLs?

**Token**

This token will be sent in the outgoing payload. You can use it to verify the request came from your Slack team.

[Regenerate](#)


- Customize Name and Icon as shown in image below

### Customize Name

Choose the username that this integration will post as.


### Customize Icon

Change the icon that is used for messages from this integration.

 or [Use default icon](#)

### Preview Message

Here's what messages from this integration will look like in Slack.

**nutritionist** APP 4:32 PM  
This is what messages from this service will look like in Slack.

### Autocomplete help text

You can add this slash command to the autocomplete list and add some usage hints.

Commands matching "/feedb"

Slack

**/feedback** [your message] [Send feedback to Slack](#)

+

/feedback

😊

8. Edit the description and **SAVE INTEGRATION** as shown in the image above

☒ Show this command in the autocomplete list

Description

High blood pressure diet

A short description of what this slash command does. Example: "Send feedback to Slack"

Usage hint

List any parameters that can be passed. Example: "[your message]"

Escape channels, users, and links

Unescaped: @user #general  
Escaped: <@U1234|user> <#C1234|general>

Off

Descriptive Label

Use this label to provide extra context in your list of integrations (optional).

Optional description of this integration

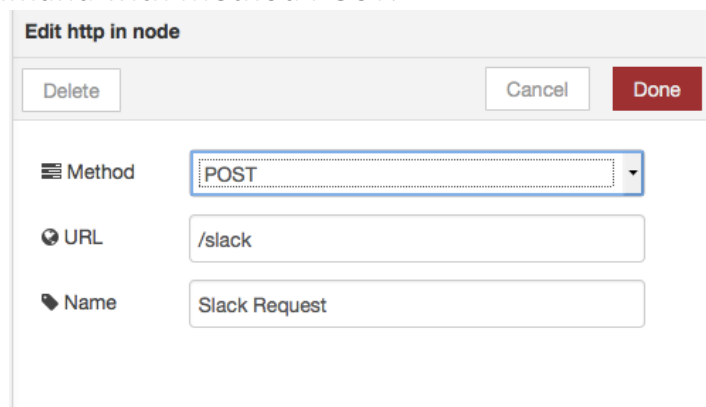
Save Integration

# CONFIGURE NODERED

Import nodes from

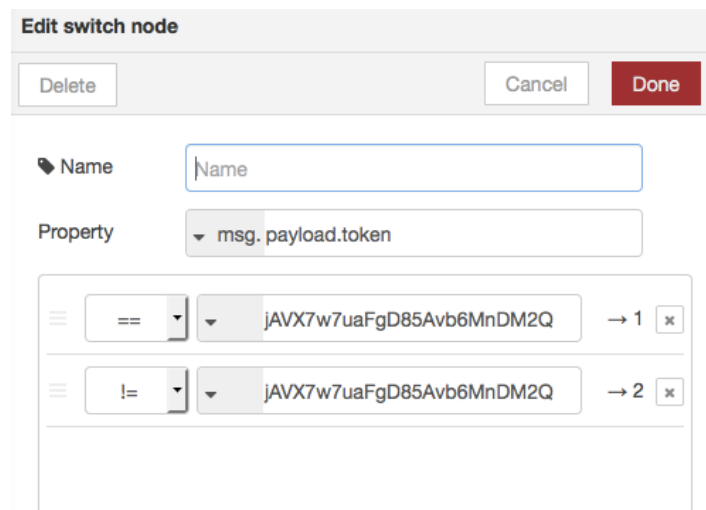
[https://github.com/ECODIndia/Watson\\_Healthcare\\_Conversation/blob/master/Nutrition\\_Slackbot\\_discovery/conversation\\_nutritionist\\_nodered.txt](https://github.com/ECODIndia/Watson_Healthcare_Conversation/blob/master/Nutrition_Slackbot_discovery/conversation_nutritionist_nodered.txt) into NODE-RED flow editor

1. Enter the same request URL that you had entered while configuring slash command with Method POST.



The screenshot shows the 'Edit http in node' dialog box. It has a title bar 'Edit http in node' and three buttons: 'Delete', 'Cancel', and 'Done'. Below the buttons, there are three fields: 'Method' with a dropdown menu showing 'POST', 'URL' with a text input containing '/slack', and 'Name' with a text input containing 'Slack Request'.

2. Enter your token from Slash Command configuration ( as noted in the earlier steps)



The screenshot shows the 'Edit switch node' dialog box. It has a title bar 'Edit switch node' and three buttons: 'Delete', 'Cancel', and 'Done'. Below the buttons, there are two fields: 'Name' with a text input containing 'Name', and 'Property' with a dropdown menu showing 'msg.payload.token'. At the bottom, there are two conditions: '== jAVX7w7uaFgD85Avb6MnDM2Q' and '!= jAVX7w7uaFgD85Avb6MnDM2Q'.

3. Enter your conversation **Workspace ID** ( Shown in the Conversation tool in Bluemix→Workspace→View Details)

The screenshot shows the Bluemix Conversation tool interface. At the top, there's a sidebar with 'nutritions' and 'Nutritions workspace'. A context menu is open over the workspace, showing options: 'View details', 'Edit', 'Duplicate', 'Download as JSON', and 'Delete'. To the right, a green panel displays workspace statistics: 'Created: 2/12/2017, 10:06:59 PM', 'Last modified: 2/19/2017, 4:50:28 PM', 'Documentation: Bluemix', 'Workspace ID: 698b0fe1-7d4f-4a15-9b62-0207dc1099f2', '6 Intents', '0 Entities', and '4 Dialog nodes'. Below this, the 'Edit conversation node' dialog is open. It has a 'Delete' button on the left and 'Cancel' and 'Done' buttons on the right. The form contains: a 'Name' field with the placeholder 'Name'; a 'Workspace ID' field containing '698b0fe1-7d4f-4a15-9b62-0207dc1099f2'; a checked 'Save context' checkbox; and an unchecked 'Multiple Users' checkbox. A yellow note box at the bottom states: 'Note: When using with multiple users, msg.user must be set. See info box for details.'

**Edit conversation node**

Delete Cancel Done

Name

Workspace ID

☒ Save context

☐ Multiple Users

**Note:** When using with multiple users, `msg.user` must be set. See info box for details.

4. Enter your **Environment ID** & **Collection ID** in the **discovery node** (noted in the earlier steps).

The screenshot shows the 'Edit discovery node' dialog. It has a 'Delete' button on the left and 'Cancel' and 'Done' buttons on the right. At the top, a yellow message box says 'Please wait: Checking for bound service credentials...'. The form contains: a 'Name' field with 'Low Blood Pressure Query'; a 'Method' dropdown menu set to 'Search in collection'; an 'Environment ID' field with 'ae6cd218-ab2d-42da-9ed1-20e4f8d7d125'; a 'Collection ID' field with 'cac45583-2877-4b2e-b047-62d9634d1548'; and a 'Number of documents' field with '1'.

**Edit discovery node**

Delete Cancel Done

**Please wait:** Checking for bound service credentials...

Name

Method:

Environment ID

Collection ID

Number of documents

5. Click **DEPLOY** in NODE-RED and then go to Slack team. Open any Channels and then type `/<slash-command> Text`



6. You can see the response now!

