WATSON FOR HEALTHCARE

NUTRITIONIST SLACKBOT

POWERED BY
WATSON CONVERSATION AND DISCOVERY
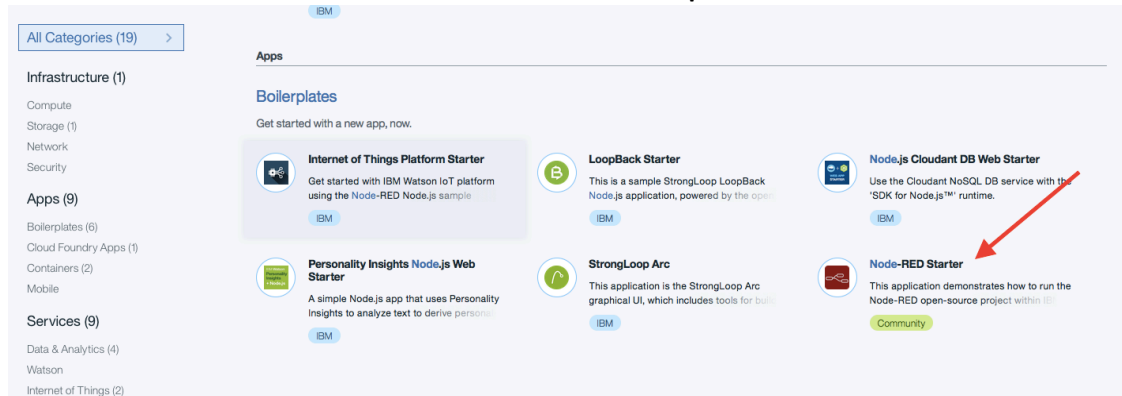
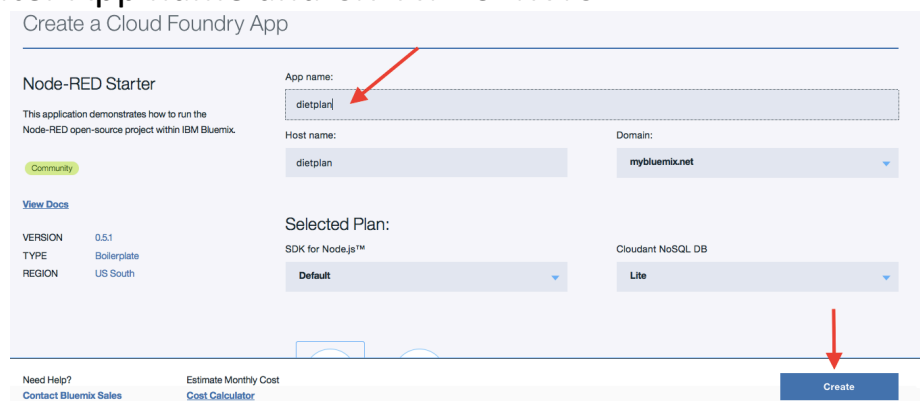## *DO IT YOURSELF!*
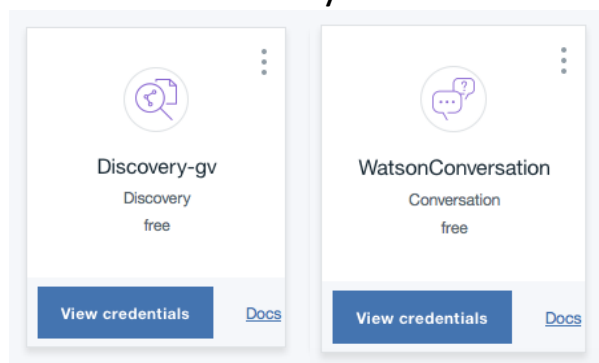
INDEX

SETTING UP APP ON BLUEMIX

1. Select NODE-Red Starter from Boilerplates

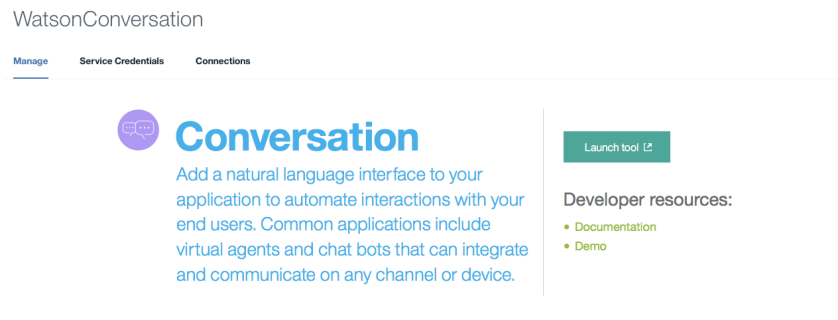2. Enter App name and CREATE SERVICE

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

CREATE DISCOVERY SERVICE OUTSIDE THE APPLICATION AND THEN BIND IT TO APPLICATION, OTHERWISE IT WILL THROW ERROR 422
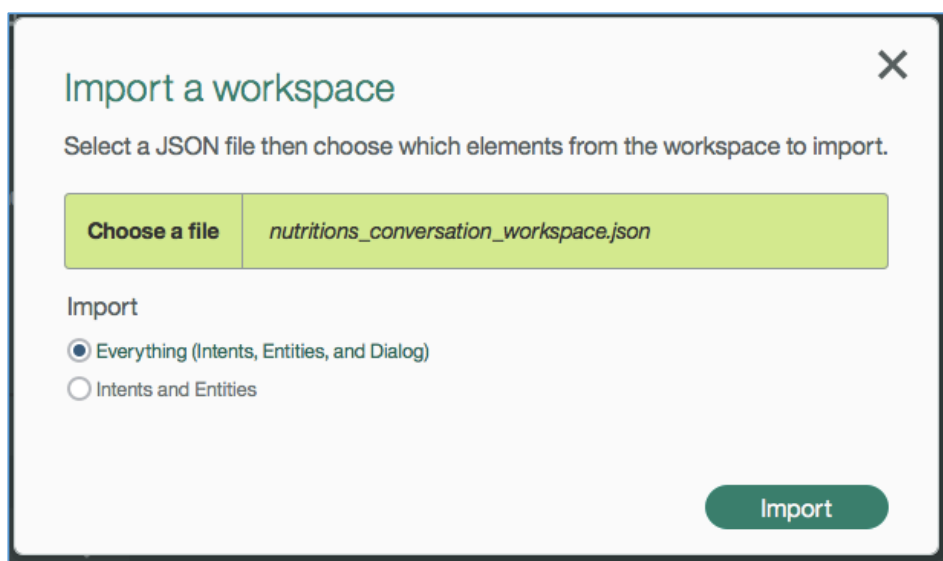
CONFIGURE WATSON CONVERSATION

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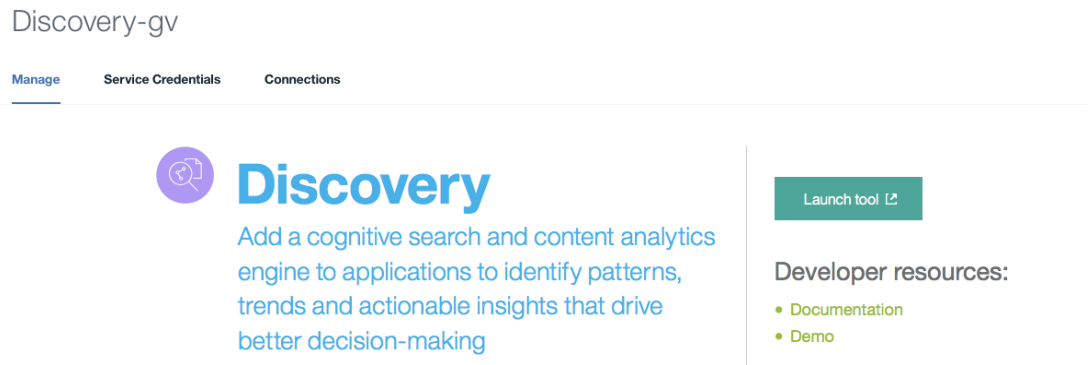

2. In workspaces, click on [icon] to import workspace

3. Choose file nutritions_conversation_workspace.json from https://github.com/ECoDIndia/Watson_Healthcare_Conversation/tree/master/Nutritions_Slackbot_discovery and Import **Everything** and Click **Import**
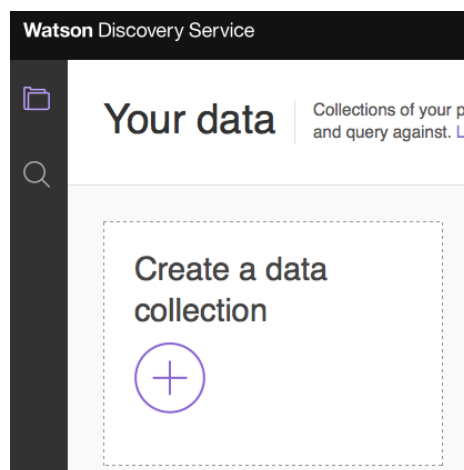
CONFIGURE WATSON DISCOVERY

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

Discovery-gv

Manage   Service Credentials   Connections

Discovery

Add a cognitive search and content analytics
engine to applications to identify patterns,
trends and actionable insights that drive
better decision-making

Launch tool ⬏

Developer resources:
• Documentation
• Demo

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

Watson Discovery Service

Your data   Collections of your pri
and query against. Le

Create a data
collection

＋

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

Name your new collection   ✕

Collection name

Enter name

Select a configuration to apply

Default Configuration   ⌄

Cancel   Create

4. Upload collections from
   https://github.com/ECoDIndia/Watson_Healthcare_Convers
   ation/tree/master/Nutritions_Slackbot_discovery/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 ⇄Switch

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**
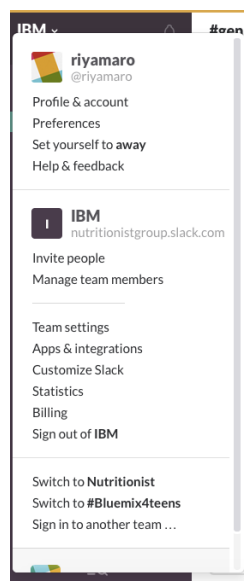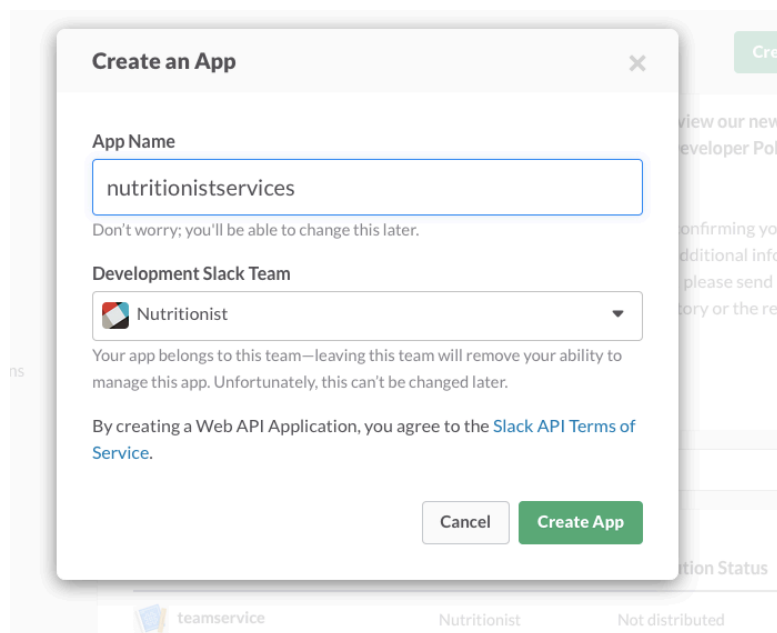
2. Click on **Build** (in the right side of page)

3. Click on **Start Building** button
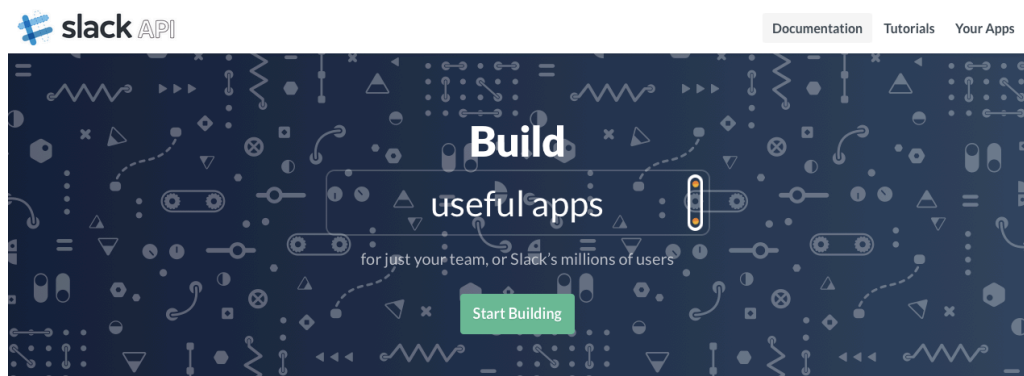
4. Enter **App Name** and **Development Slack Team** and Click **Create App** button

5. Click on **Slash Commands**

6. Click on **Create New Command** button
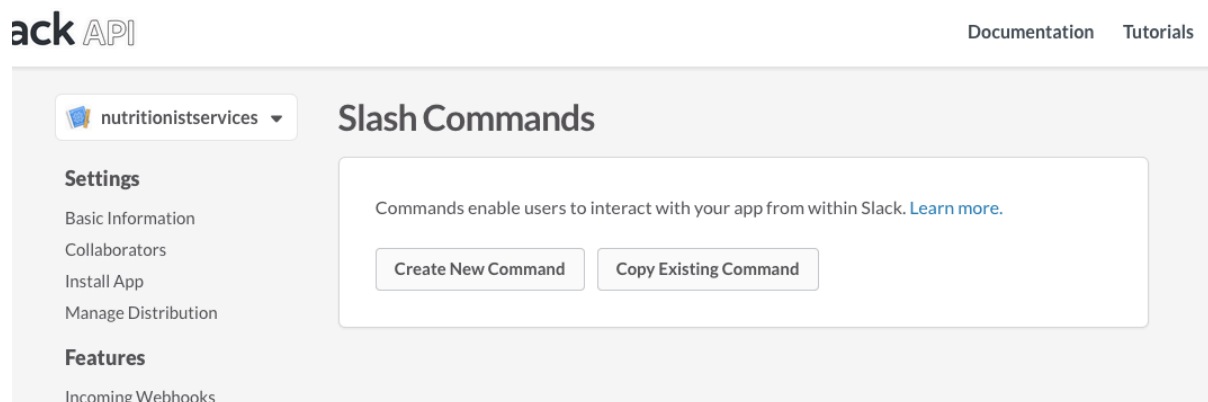
7. Enter **Command**: (Eg: /nutritionhelper),
   Request URL: URL is your node-red URL with HTTP IN URL appended (Note down your request URL (For example /slack), have to be added in the Node-Red HTTP In node).
   Short Description: Enter short description of what your slash command will do
   Usage Hint: Enter usage hint (of how users should type their query) and Click on **SAVE** button.

Create New Command   ✕

Command   /nutritionhelper   ⓘ

Request URL   )s://fitbitslackbot.mybluemix.net/slack   ⓘ

Short Description   Recommendations on diet to follow

Usage Hint   :ommendation on high blood pressure diet
                    Optionally list any parameters that can be passed.

Escape channels, users, and links sent to your app   ☐
Unescaped: @user #general

Preview of Autocomplete Entry

Commands matching "**nutritionhelper**"

                                              Cancel   **Save**

8. You can now see your slash command in the list of Slash Commands

🗂 nutritionistservices ▾   **Slash Commands**

Settings
Basic Information   Commands enable users to interact with your app from within Slack. Learn more.
Collaborators
Install App   Name   Description
Manage Distribution
                           /nutritionhelper   Recommendations on diet to follow   ✏ 🗑
Features
Incoming Webhooks
Interactive Messages   **Create New Command**   **Copy Existing Command**
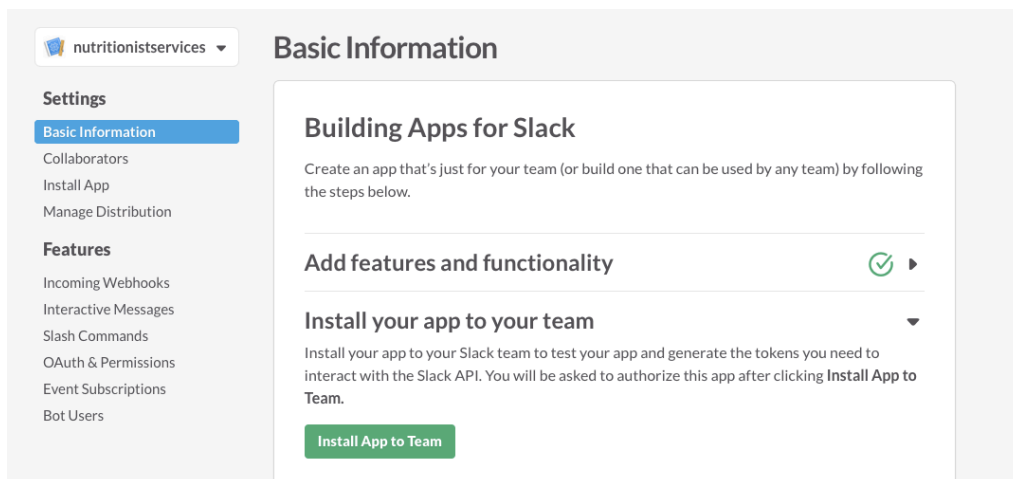Slash Commands
OAuth & Permissions
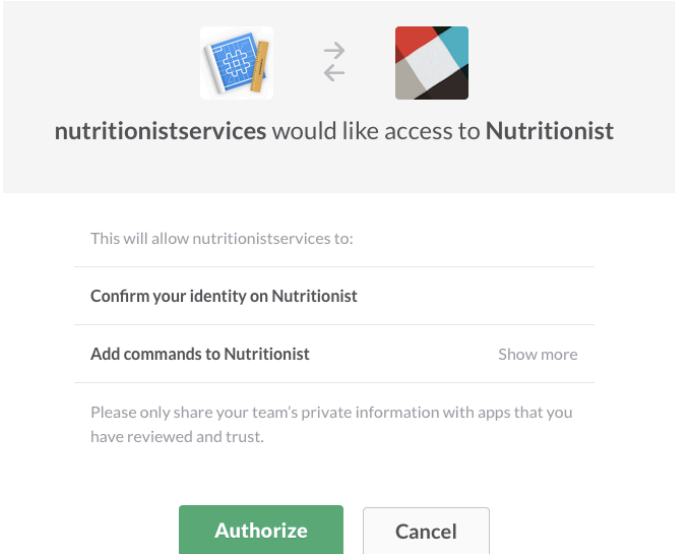Event Subscriptions
Bot Users

9. Go to **Basic Information** tab (in the left side)
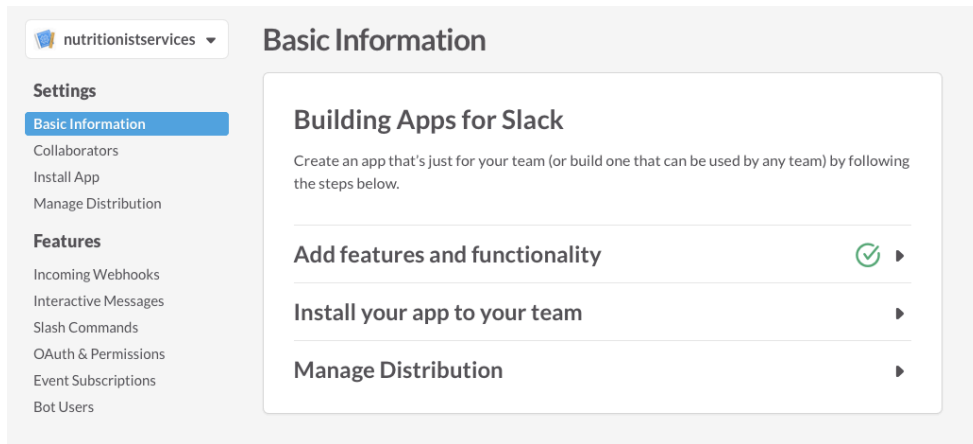
10. Click on **Install your app to your team** and then click on button **Install App to Team**

11. Click on **Authorize** button

12. Scroll down to find **App Credentials. TAKE NOTE OF VERIFICATION TOKEN (required in later steps)**

13. Modify display information and click on SAVE button in the bottom.

Display Information

Information in this section will be shown to users in the App Directory, once your app is published.

Icon (512px by 512px or larger required)

Drag and drop a new image here to upload, or [Browse]

Choose a high quality, distinctive icon that doesn't resemble Slackbot or the Slack icon.

App name

nutritionistservices

Your app's name shouldn't infringe on a trademark or copyright from any other products or services, including Slack. It shouldn't include direct references to Slack or Slackbot.

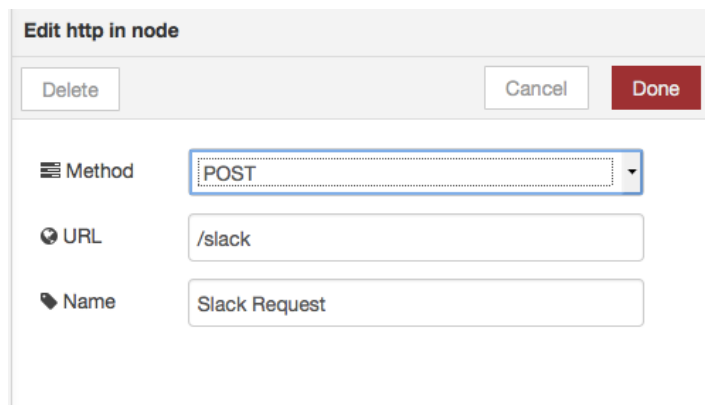**Short description**

Type your short description here.

Explain clearly and concisely what your app does, in 10 words or fewer.
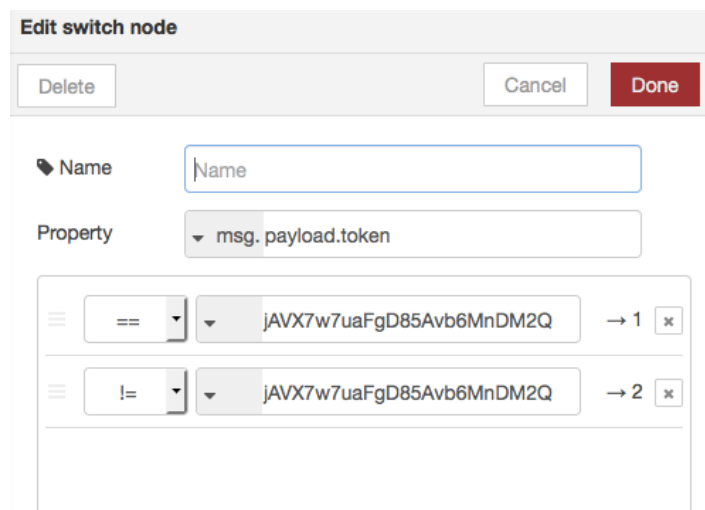
CONFIGURE NODERED

Import nodes from
https://github.com/ECoDIndia/Watson_Healthcare_Conversation/blob/master/Nutritions_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.

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

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

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

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!

riyamaro 4:55 PM
/nutritionist Hello

nutritionist APP 4:55 PM
Hola! I'm excited to help you!! :-)

riyamaro 4:57 PM
/nutritionist Low bp diet?

nutritionist APP 4:57 PM ☆
no title

Low blood pressure, medically known as hypotension, is a rare condition, according to Cleveland Clinic. The more common health problem is hypertension pressure, for which millions of Americans take medication to manage. More than one type of low blood pressure exists, some of which can be managed by to the cause of your condition.

Normal Blood Pressure Readings

When measuring blood pressure, your doctor looks at both your systolic and diastolic pressure, the top and bottom numbers respectively. Your systolic me amount of pressure when your heart beats, while your diastolic measures the amount of pressure in your arteries between heart beats. A normal pressure although 115/75 is optimal. Hypotension is a systolic of 90, or diastolic of 60, but only one pressure has to be low for your doctor to consider your blood pr range. For example, 115/50 might be considered hypotension, according to MayoClinic.com.

Types of Low Blood Pressure