

WATSON FOR HEALTHCARE

NUTRITIONIST SLACKBOT

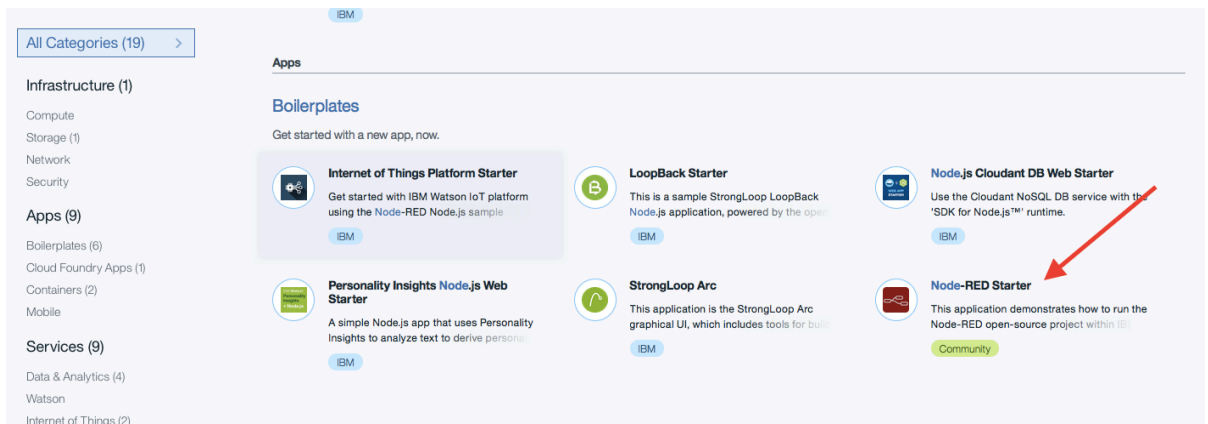
POWERED BY
WATSON CONVERSATION AND DISCOVERY

DO IT YOURSELF!

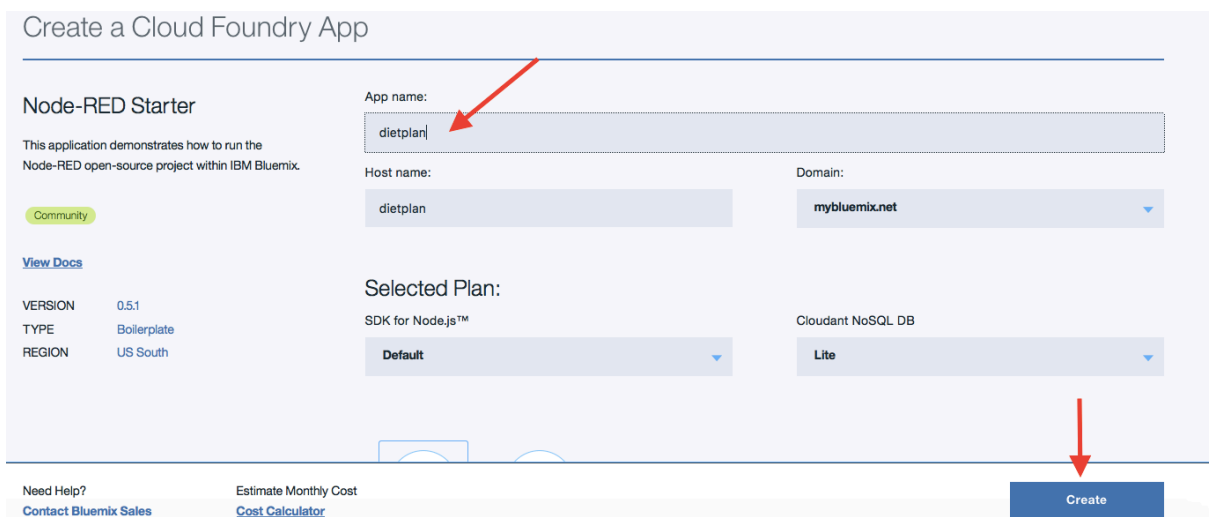
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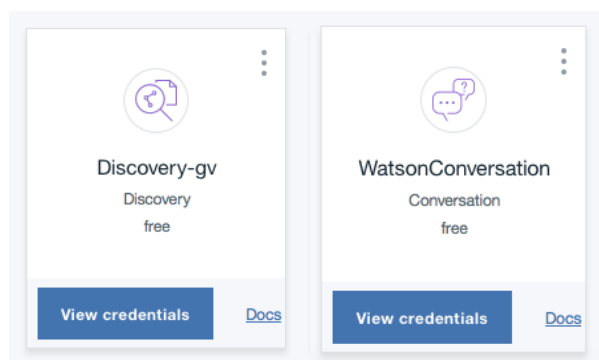
SETTING UP APP ON BLUEMIX



1. Select NODE-Red Starter from Boilerplates

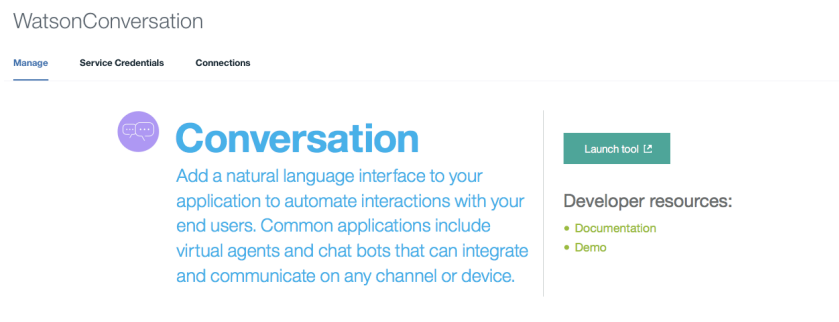


2. Enter App name and CREATE SERVICE



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

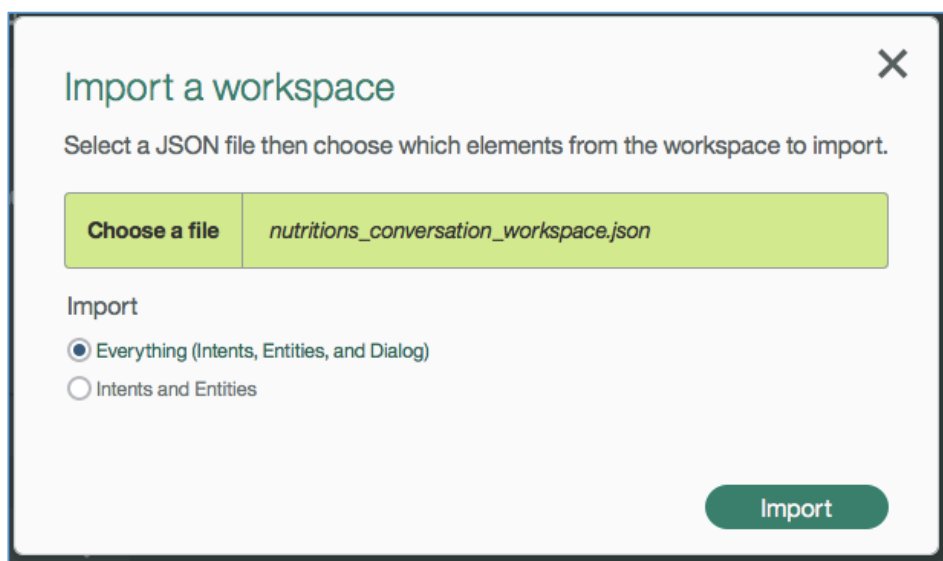
CONFIGURE WATSON CONVERSATION



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_Conversations/tree/master/Nutrition_Slackbot_discovery and Import **Everything** and Click **Import**

CONFIGURE WATSON DISCOVERY

Discovery-gv

Manage

Service Credentials

Connections



Discovery

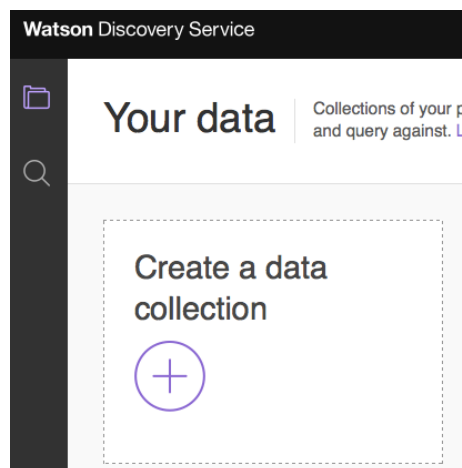
Add a cognitive search and content analytics engine to applications to identify patterns, trends and actionable insights that drive better decision-making

Launch tool

Developer resources:

- [Documentation](#)
- [Demo](#)

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



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

Name your new collection

Collection name

Enter name

Select a configuration to apply

Default Configuration

Cancel

Create

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



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

4. Upload collections from

https://github.com/ECODIndia/Watson_Healthcare_Conversation/tree/master/Nutritions_Slackbot_discovery/collection_s

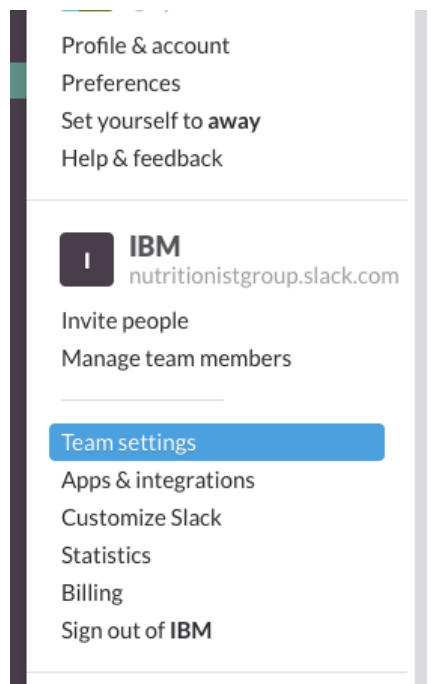
.Take a note of collection_id and environment_id (required in later steps)

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

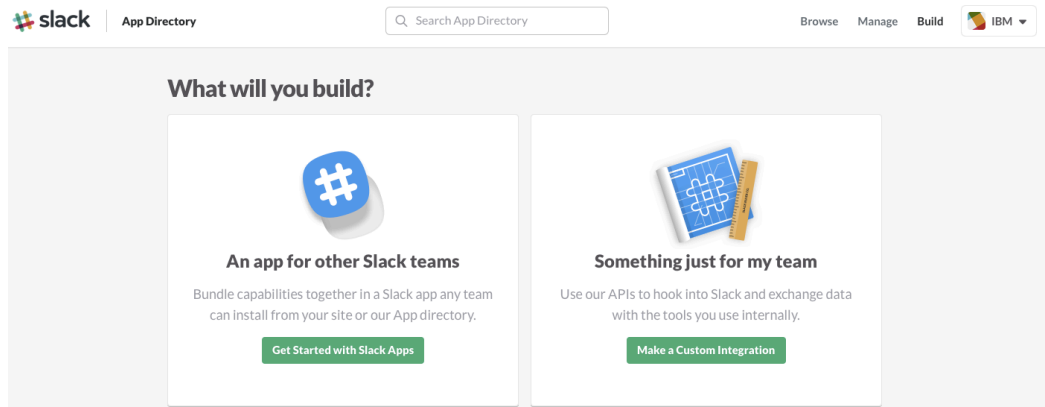
2. Configure Slash Command in Slack



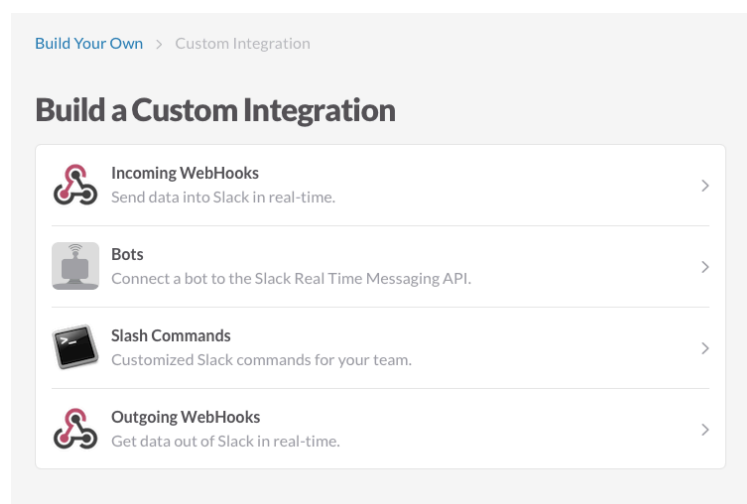
1. Goto your team and then click as shown above. In the drop down click on Apps & Integrations



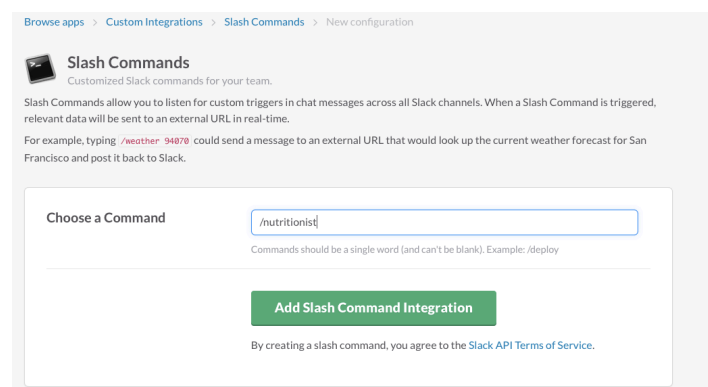
2. Click on Build



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



4. Click on Slash Commands



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

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

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](#)


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

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
 

- Customize Name and Icon as shown in 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

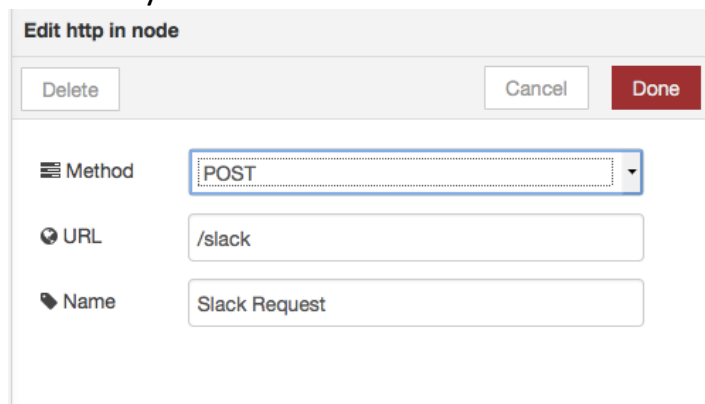
8. Edit the description and **SAVE INTEGRATION** as shown in the image above

CONFIGURE NODERED

Import nodes from

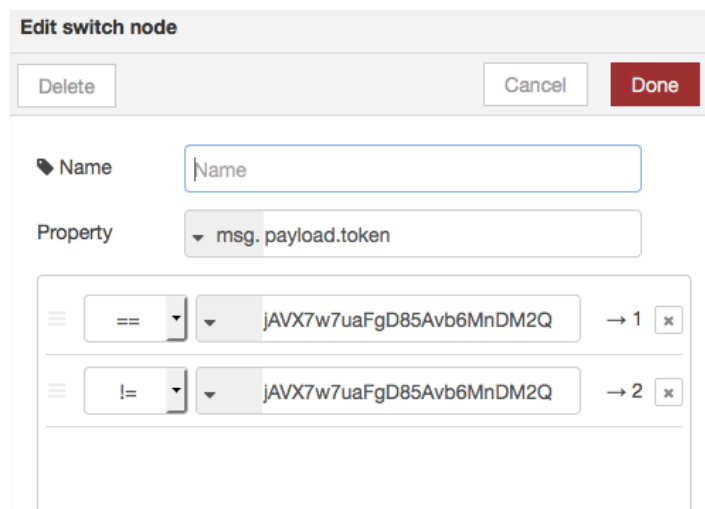
https://github.com/ECodIndia/Watson_Healthcare_Conversation/blob/master/Nutrition_Slackbot_discovery/conversation_nutritionist_nodered.txt into NODE-RED flow editor

Configure nodes with your credentials.



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

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



The screenshot shows the 'Edit switch node' dialog box. It has three buttons at the top: 'Delete', 'Cancel', and 'Done'. Below these, there are two fields: 'Name' with a text input field containing 'Name', and 'Property' with a dropdown menu showing 'msg.payload.token'. At the bottom, there are two conditions: '==' with a text input field containing 'jAVX7w7uaFgD85Avb6MnDM2Q' and '→ 1', and '!=' with a text input field containing 'jAVX7w7uaFgD85Avb6MnDM2Q' and '→ 2'.

2. Enter your token from Slash Command configuration

Edit conversation node

Delete Cancel Done

Name

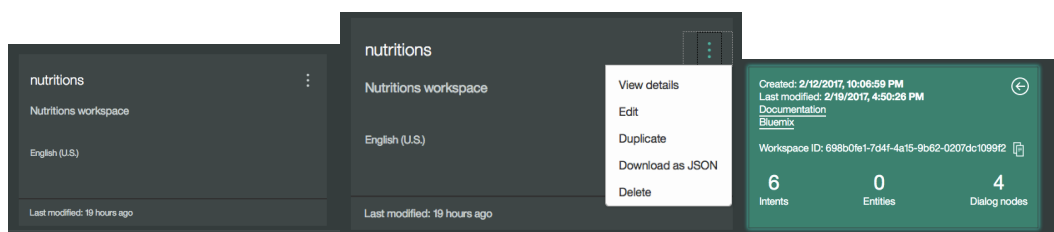
Workspace ID

☒ Save context

☐ Multiple Users

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

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



Edit discovery node

Delete Cancel Done

Please wait: Checking for bound service credentials...

Name

Method:

Environment ID

Collection ID

Number of documents

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



/nutritionist Low bp diet?

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



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 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 measures the 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 pressure range. For example, 115/50 might be considered hypotension, according to [MayoClinic.com](https://www.mayoclinic.com).

Types of Low Blood Pressure

6. You can see the response now!