

## **Building an IBM-dialog-management service**

### **Prerequisites:**

- 1) Bluemix Account - <https://console.ng.bluemix.net>
- 2) Cloud-foundry CLI tool.

### **Instructions:**

The Dialog Tool enables you to create, manage, and interact with dialogs for the IBM Watson Dialog service.

Use the following steps to configure a simple dialog application using Bluemix services:

- 1) Download the sample code from Github.
- 2) Change the manifest.yml , App.js file.
- 3) Push it onto Bluemix.
- 4) Rebuild you dialog.
- 5) Run the application.

### **Download the sample code from Github:**

Get the sample code from Github with the following command:

```
git clone https://github.com/sumanth11/IBM-dialog-management.git
```

### **Change the manifest.yml,App.js file:**

Create an IBM Bluemix web application with Node.js starting point.  
Add the Dialog service to it.

- 4 Connect to IBM® Bluemix®.

```
bluemix api https://api.ng.bluemix.net
```

- 5 Log in to Bluemix.

```
bluemix login -u charabuddi91@gmail.com -o charabuddi91@gmail.com -s dev
```

- 6 Deploy your app to Bluemix. For more information about cf push command, see Uploading your application.

```
cf push dialog-tool-sumanth
```

- 7 Access your app by entering the following URL into your browser:

```
dialog-tool-sumanth.mybluemix.net
```

Make changes in the sample code in manifest.yml insert the new app details(applications/name:) that we have created now.

```
declared-services:
  dialog-service:
    label: dialog
    plan: standard
applications:
- services:
  - dialog-service
  name: dialog-tool-sumanth
  command: node app.js
  path: .
  memory: 512M
```

Open dialog service in the dashboard and copy the credentials.

Insert these credentials into App.js file that is present in the sample code.

### **Push it onto Bluemix:**

Download and install the cloud-foundry CLI tool.  
Go to the folder where you have the sample code.  
Follow the instruction and push it.

- ④ Connect to IBM® Bluemix®.

```
bluemix api https://api.ng.bluemix.net
```

- ⑤ Log in to Bluemix.

```
bluemix login -u charabuddi91@gmail.com -o charabuddi91@gmail.com -s dev
```

- ⑥ Deploy your app to Bluemix. For more information about cf push command, see Uploading your application.

```
cf push dialog-tool-sumanth
```

- ⑦ Access your app by entering the following URL into your browser:

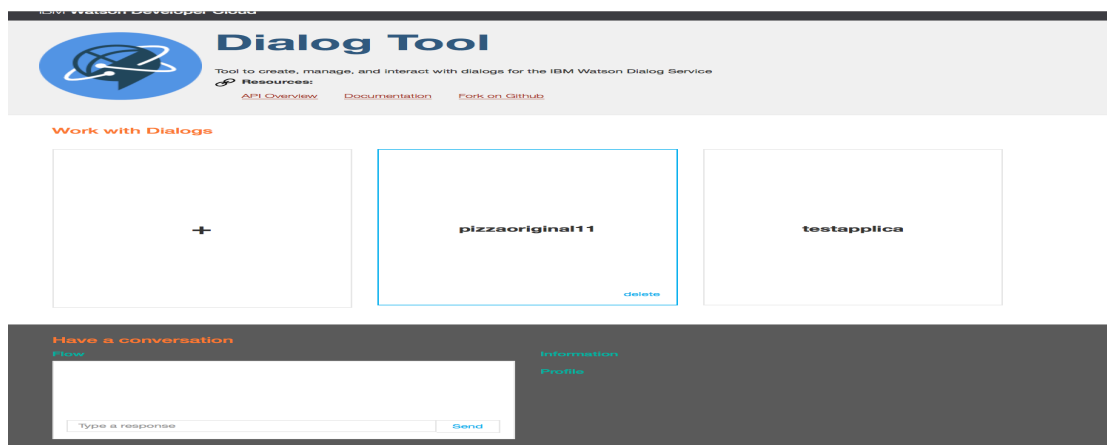
```
dialog-tool-sumanth.mybluemix.net
```

## **Rebuild you dialog:**

In the sample code we have dialogs folder. Inside this folder we have the pizza\_dialog.xml file, which is the file where we keep our dialogs. You can rebuild your dialogs by changing them in the pizza\_dialog.xml and uploading in the application.

## **Run the application:**

Click on the application link and upload the dialog file. Now you can chat with the application.



References:

<https://github.com/watson-developer-cloud/dialog-tool>