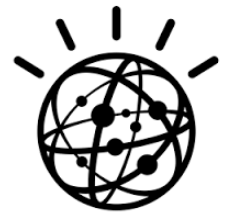World of Watson Conference, Las Vegas, NV

IBM World of Watson

October 23-27, 2016

IBM Watson Conversation Lab Exercise

https://github.com/iportilla/wowlab

1.1   Table of Contents

1. Introduction to Bluemix and Establishing a Bluemix ID

   1.1. What is Bluemix
   - Bluemix is IBM's developer platform that contains the services and APIs that are needed to deploy and manage an IBM Conversation implementation
   - Bluemix services and APIs are displayed as Tiles on the Dashboard after the user has signed in
   - To learn more about Bluemix and services please see the Bluemix documentation available at https://console.ng.bluemix.net/docs/

   Note: The recommended browser for Bluemix is Firefox.

   1.2. Create a Bluemix ID (or use the one provide with this lab)

   Go to: https://console.ng.bluemix.net

   wowlab2016@gmail.com / Wats0nlab

2. IBM Conversation Service
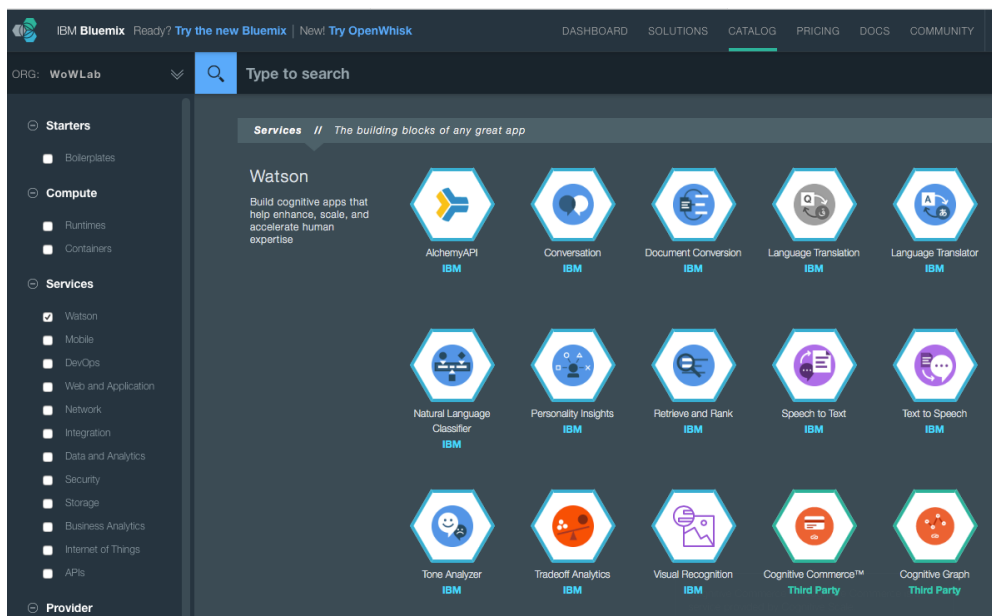   2.1. What is IBM Conversation Service

With the IBM Watson™ Conversation service you can create virtual agents and bots that combine machine learning, natural language understanding, and integrated dialog tools to provide automated customer engagements.
Watson Conversation provides an easy-to-use graphical environment to create natural conversation flows between your apps and your users.

   2.2. Create an IBM Conversation Service Instance
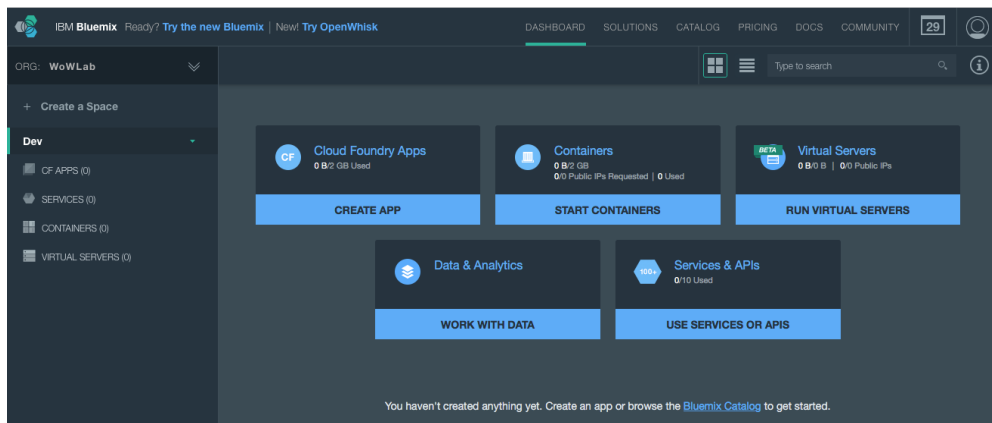
Click on Catalog, click on Watson

Select Conversation, update Service name (like wow-lab), leave everything else the same

Click on Launch tool once the Service instance is created

Log in with IBM ID
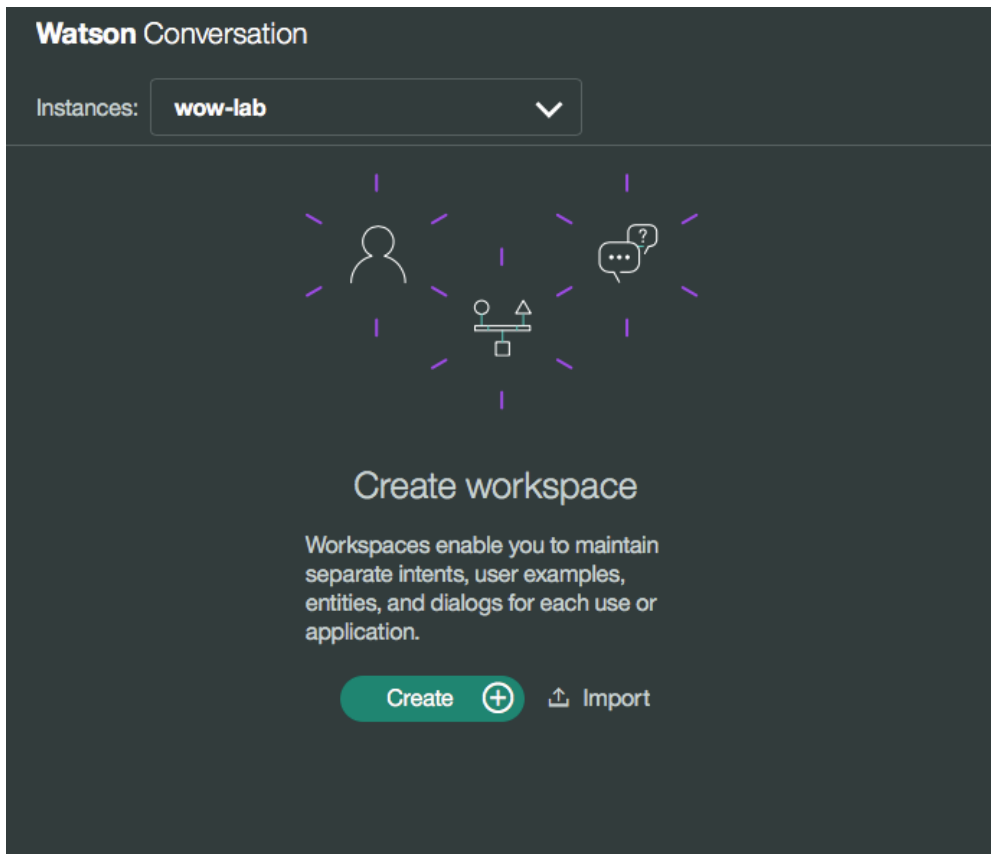
Click on -| import
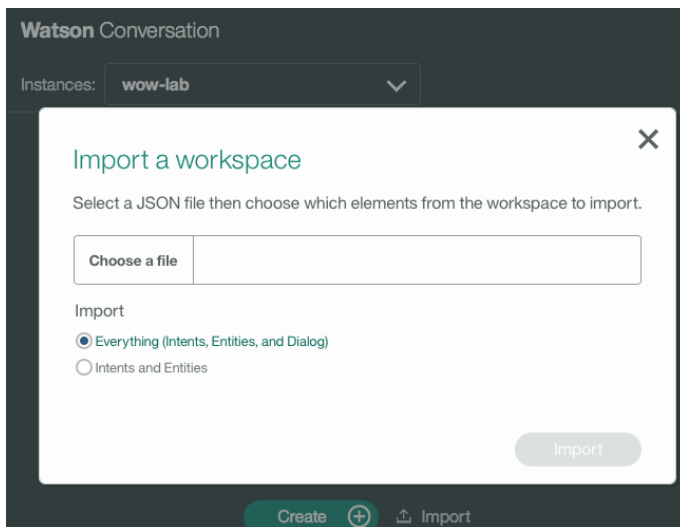
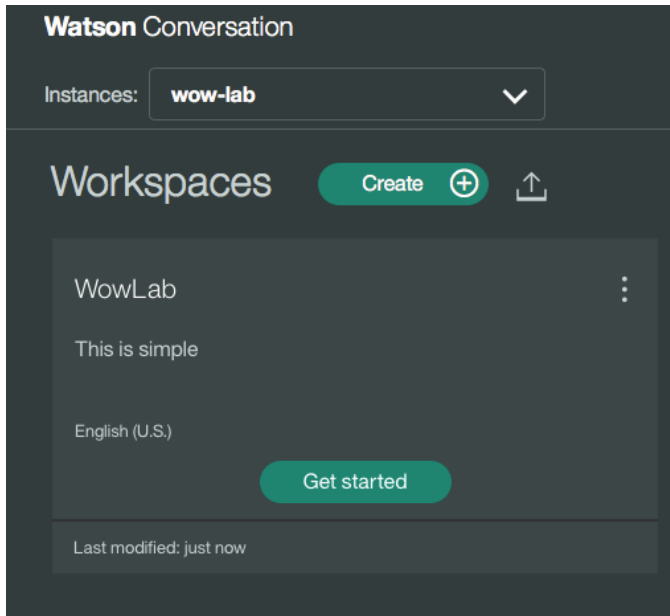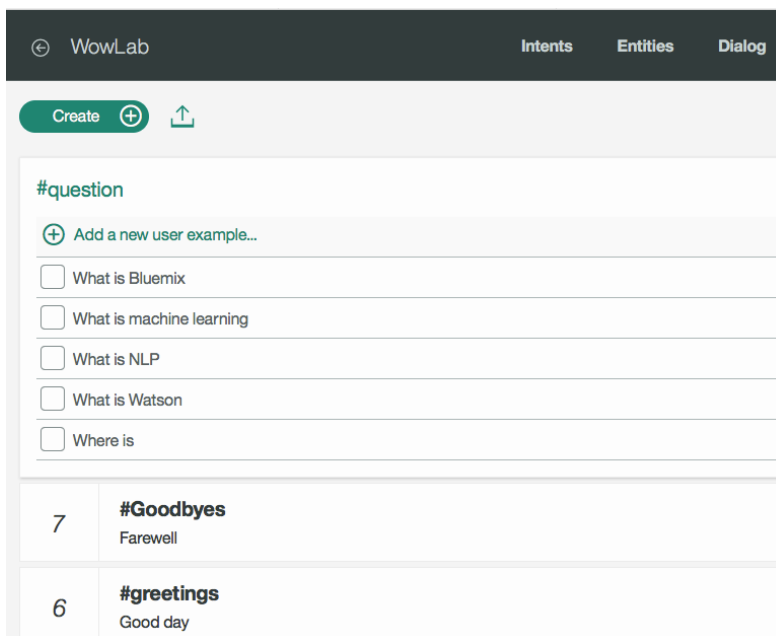Point to your local copy of WoWLabStarter.json file, Import everything

Click on get Started

Review the different Sections: Intents, Entities, Dialog

Click on Intents, Click on #question

Click on + Add new user Example

Type: what is data science

Press enter

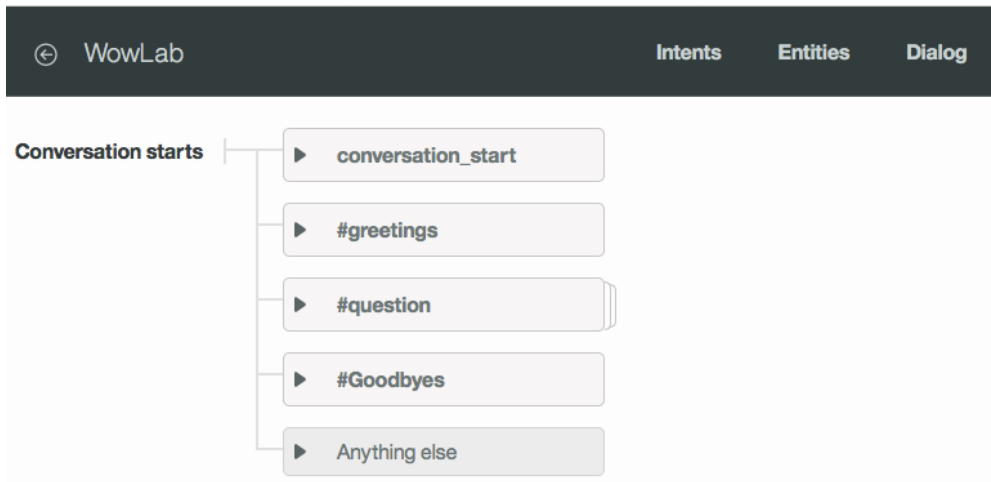Click on Entities, click on @definition

Click on + Add a new value

Type: NLP
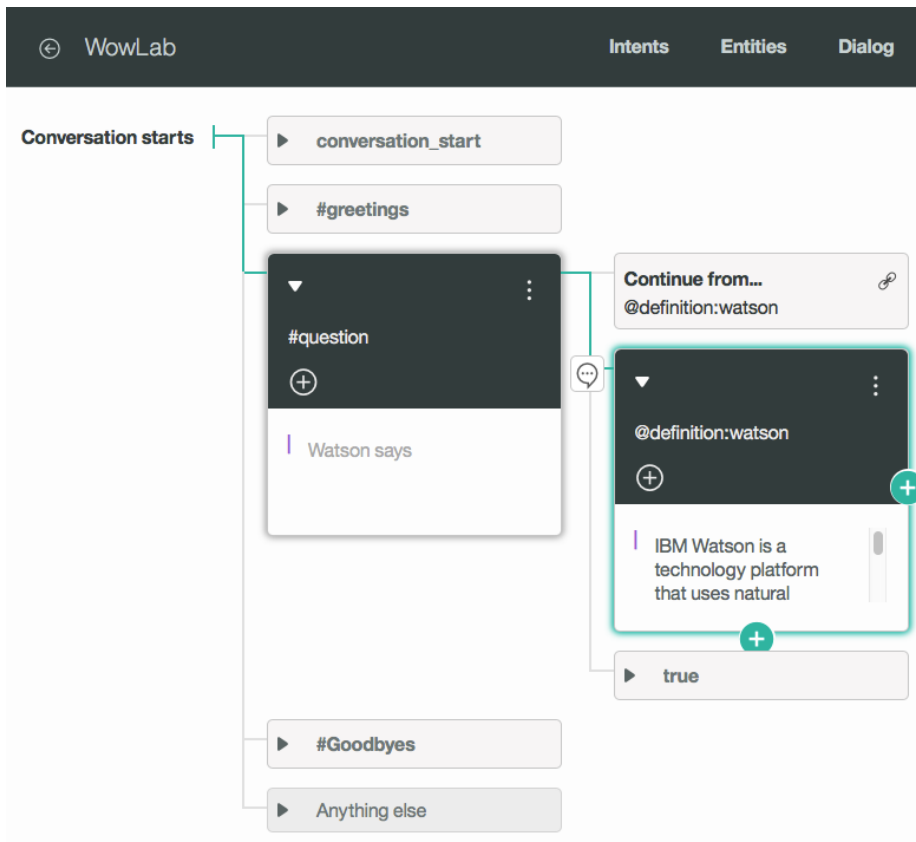Add: nlp, natural language processing in the Add synonyms field (tab over)
Press enter

Click on Dialog
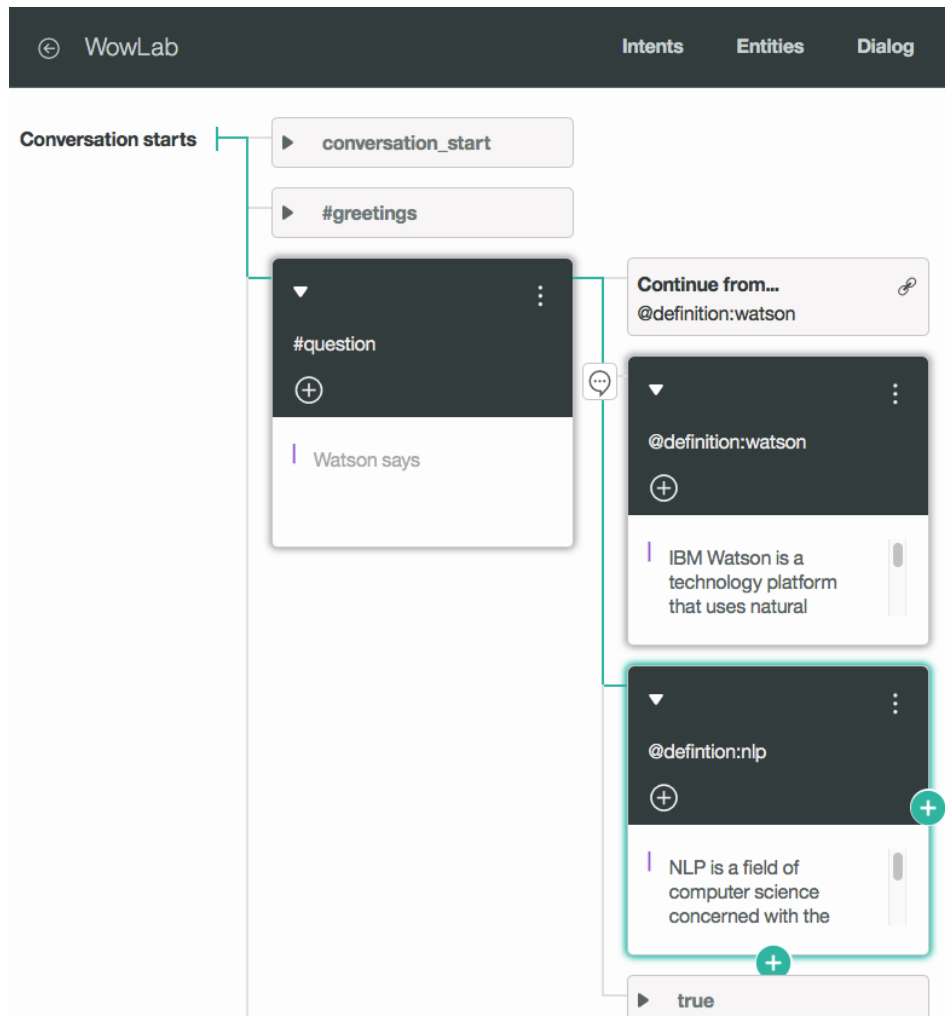
Expand #question dialog tree, expand @definition:Watson

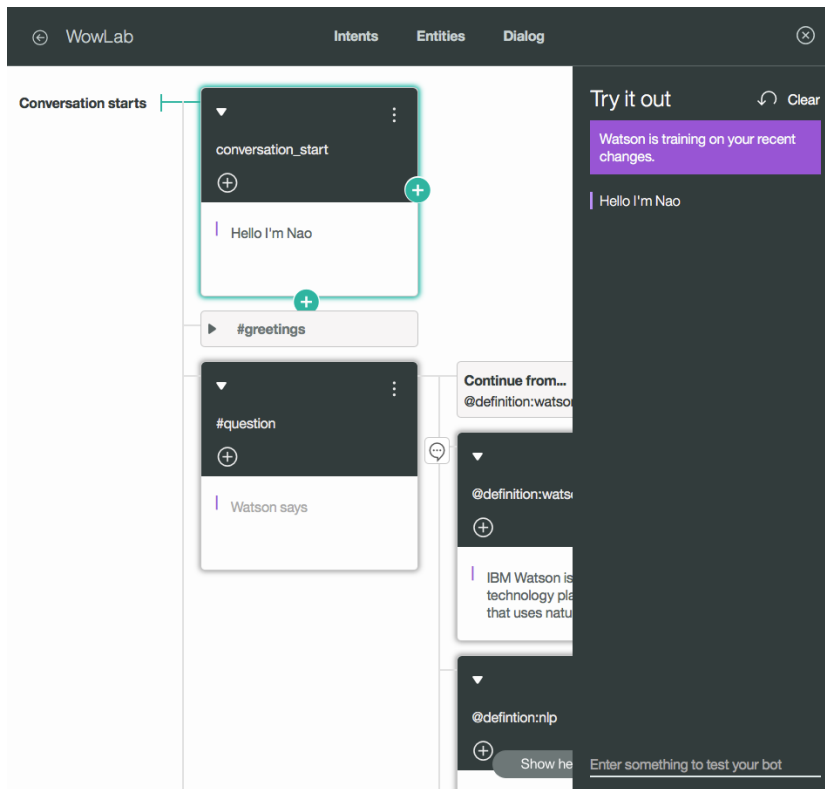Click on the + in the bottom of the @definition:watson title to add a another definition

In the condition field, type @definition:NLP

In the response white area type:

NLP is a field of computer science concerned with the interactions between computers and human languages.

Click on the three … dots on the upper right corner, wait for your NLC to train

Once training is done, type: what is NLP