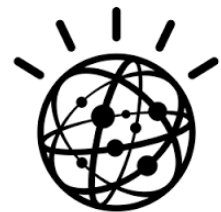World of Watson Conference, Las Vegas, NV

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

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.
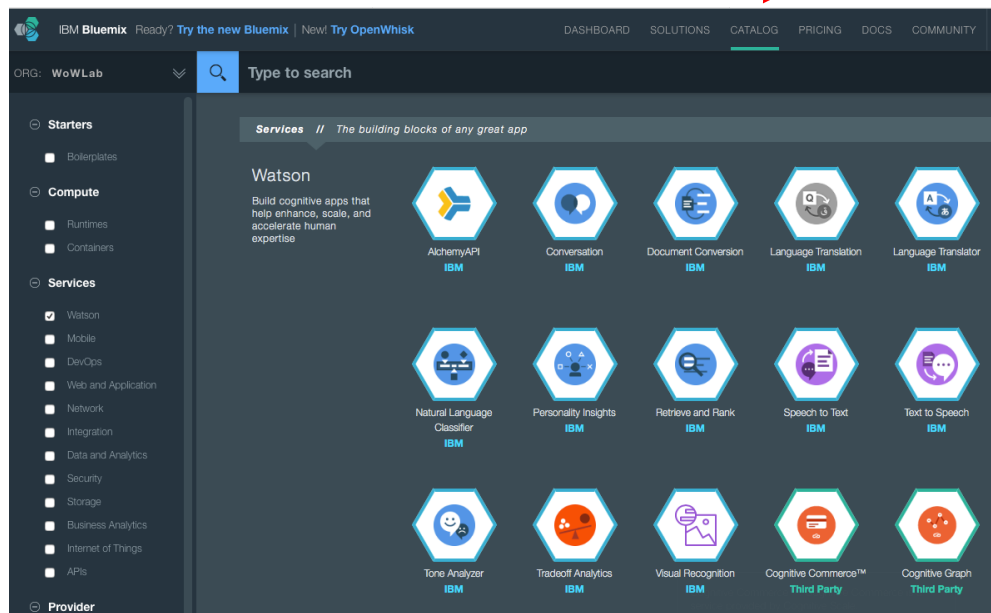
   Watson Conversation provides an easy-to-use graphical environment to create natural conversation flows between your apps and your users.

   2.2. Create an instance of IBM Conversation Service

   __ Login to Bluemix: https://console.ng.bluemix.net
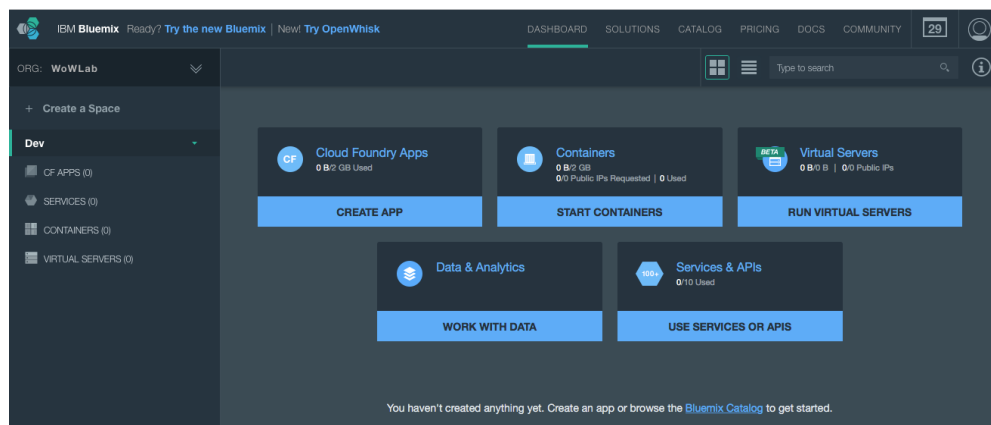
   _ Click on Catalog, click on Watson

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

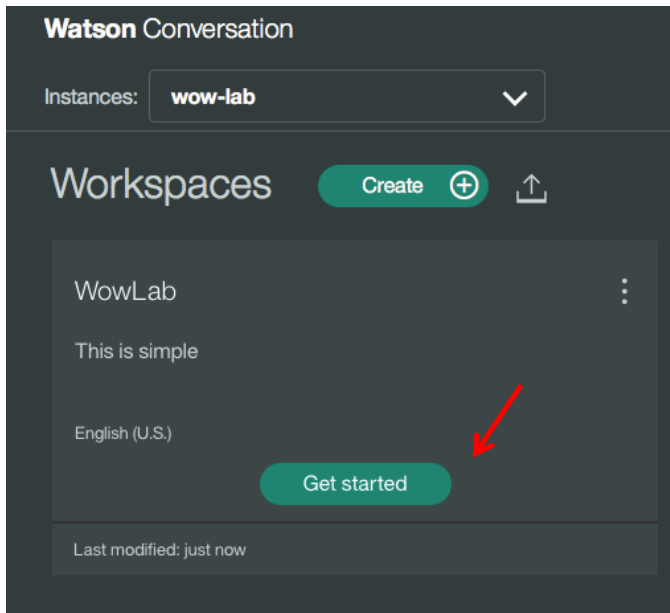__ Click on Launch tool once the Service instance is created
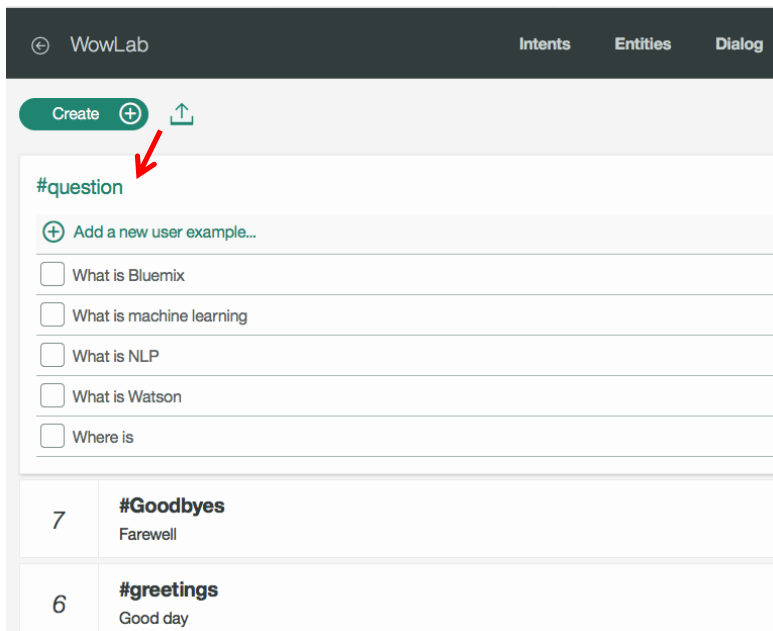
__ Log in with IBM ID
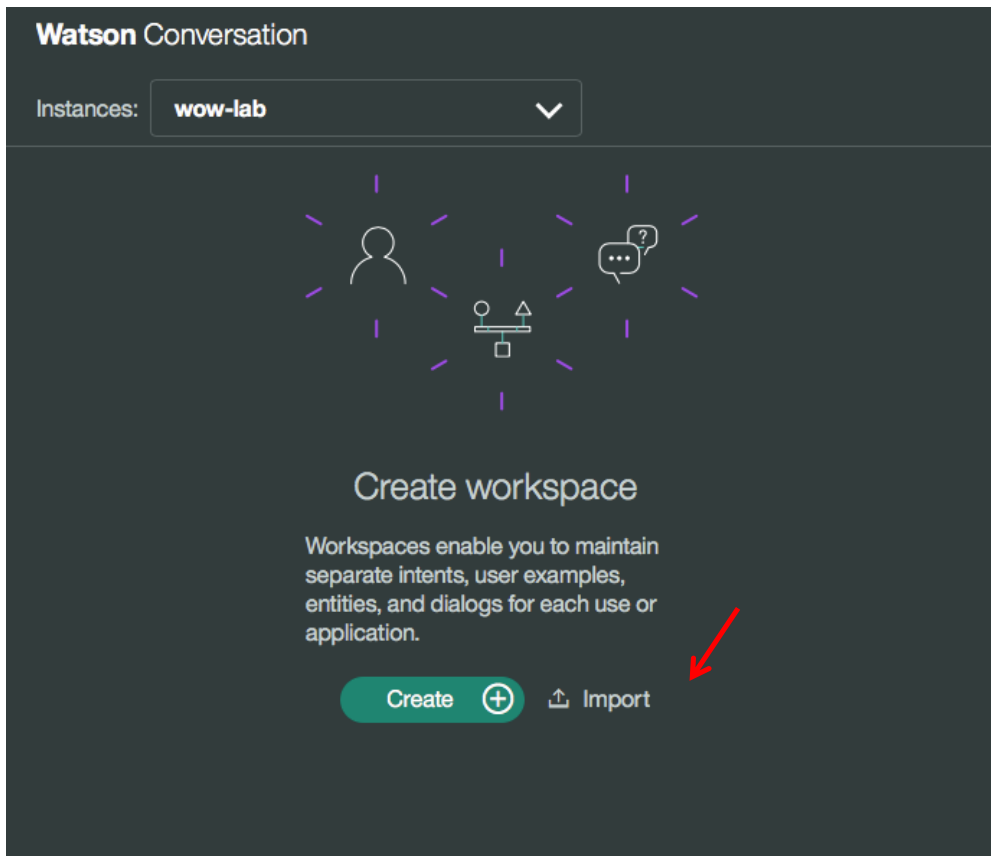
__ Click on _|_ import
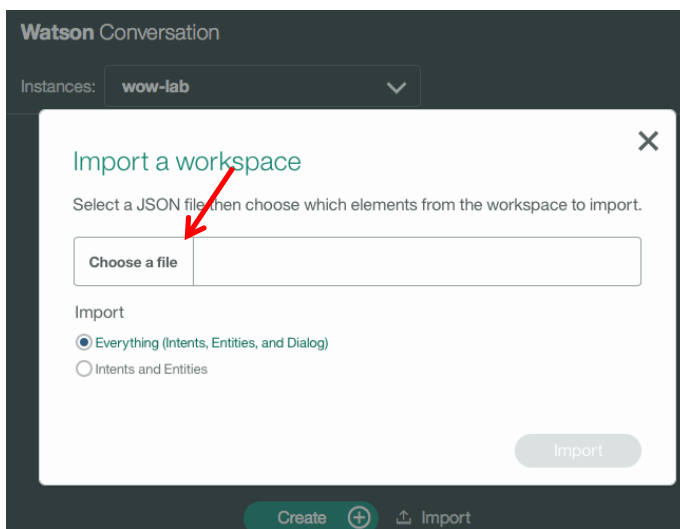
__ Point to your local copy of WoWLabStarter.json file, Import everything

__ 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

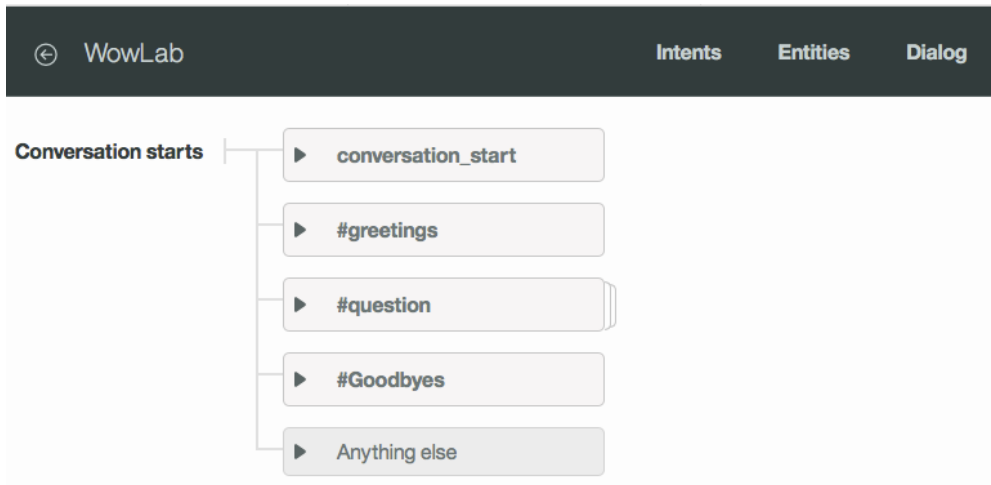__ Click on + Add a new value

__ Type: NLP

__ Add: nlp, natural language processing in the Add synonyms field (tab over)
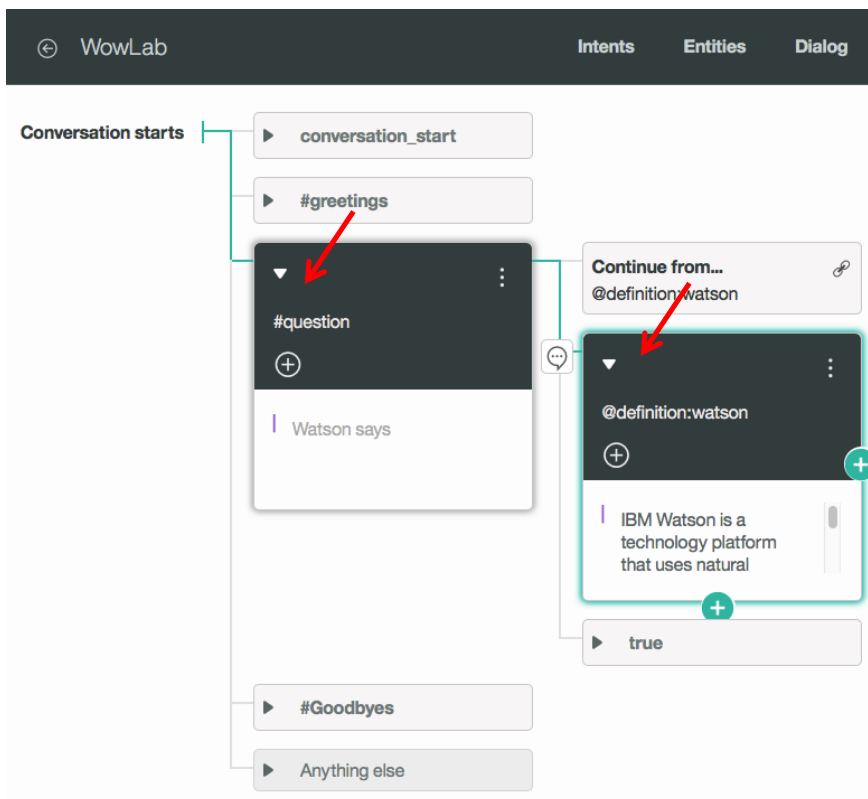
Press <enter>

__ Click on Dialog

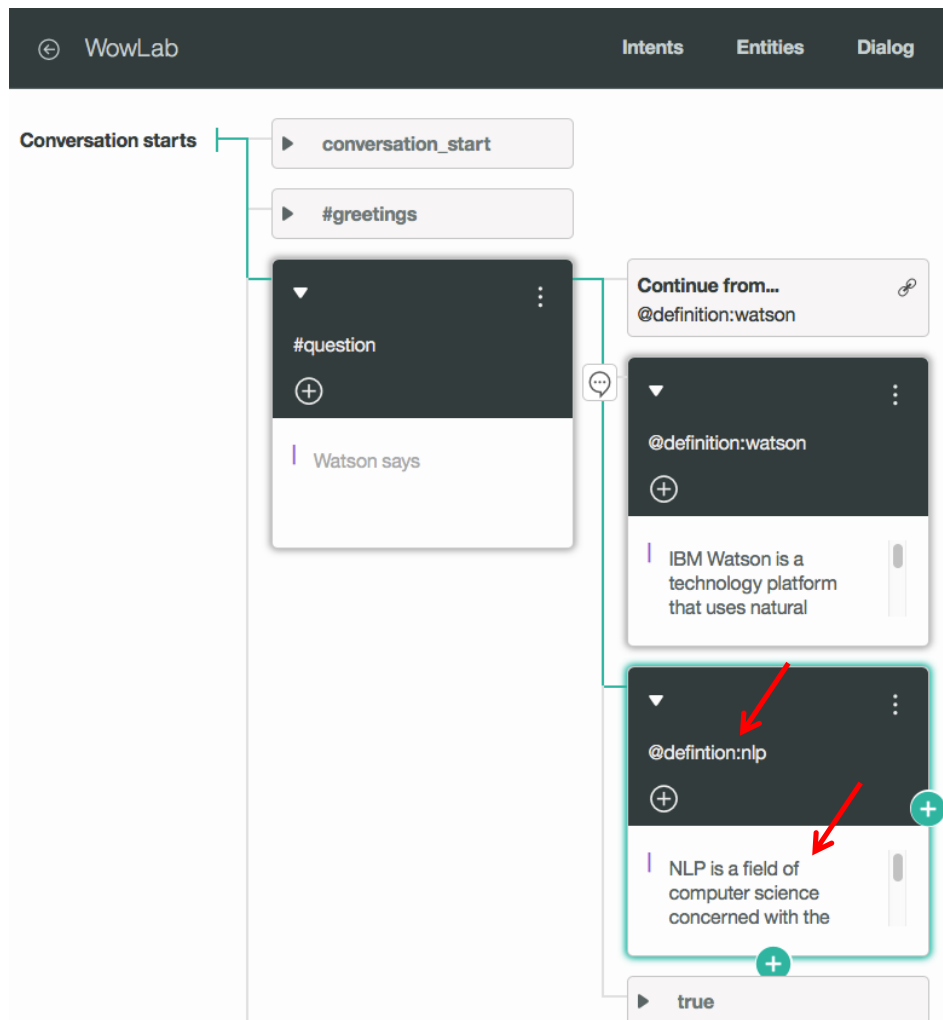__ Expand #question dialog tree, expand @definition:watson

__ Click on the + in the bottom of the @definition:watson title to add a another definition
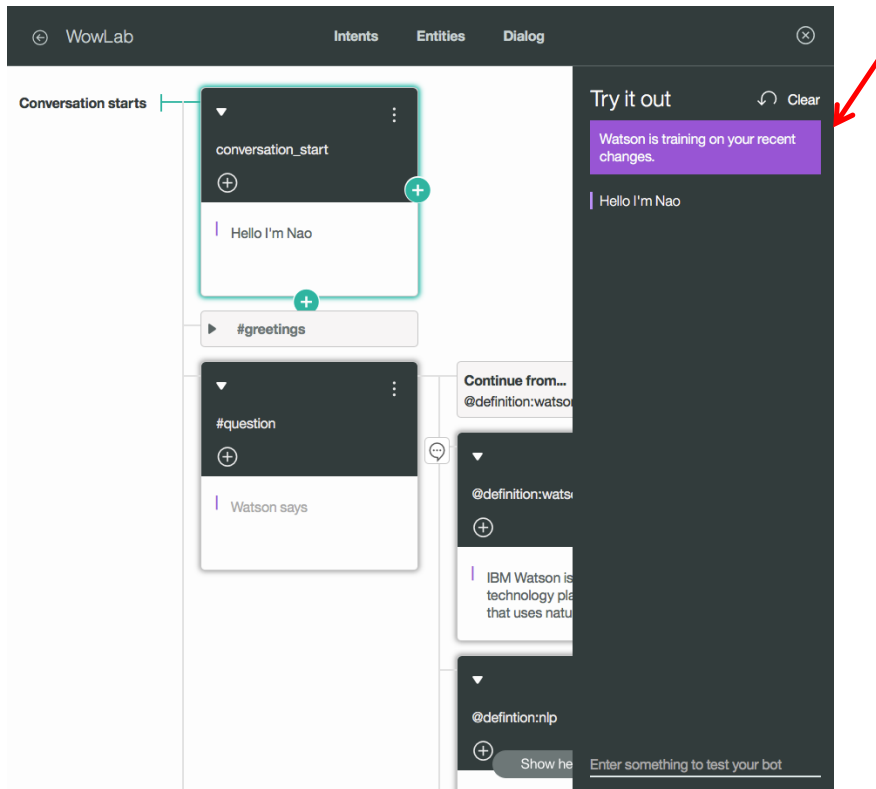
__ In the condition field, type @definition:NLP
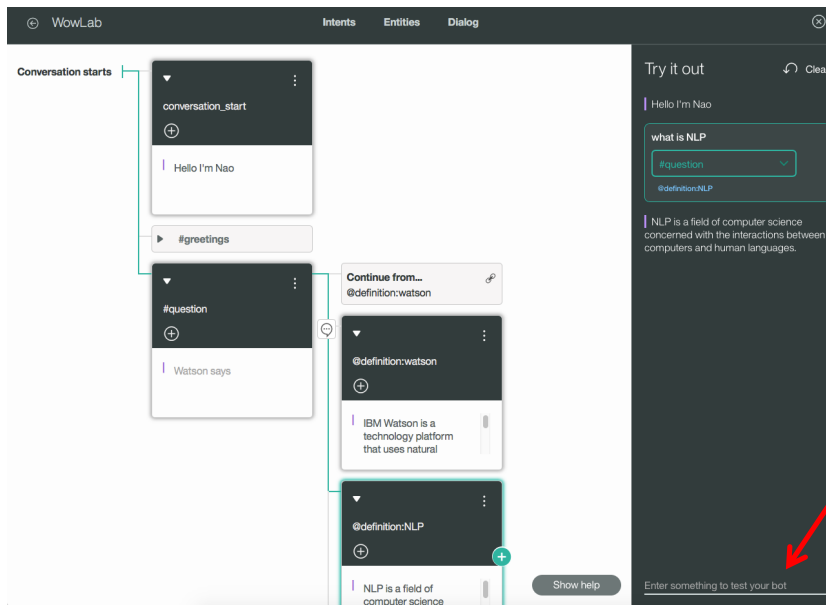
__ In the response white area type:

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

___ You are done!