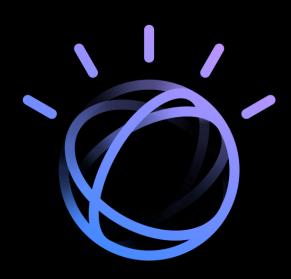
Watson Assistant Hands-On Lab



Taller 2021 – UTEC

Sobre mi...

- Santiago Souto De León.
- Estudiante de Ingeniería Telemática.
- Parte del Innovation Student Lab de IBM.

- Slack: ssouto-1984
- Email: ssouto@ibm.com



Agenda del taller:

Introducción

- ¿Qué es un chatbot?
- Watson Assistant como chatbot.

Lab #1: IBM Cloud

Crear el servicio de Watson Assistant.

Lab #2: Watson Assistant

Interiorizarse en Watson Assistant.

Lab #3: Bases del diálogo

Crear intenciones y entidades.

Lab #4: Diálogo

Crear nodos de conversación.

Lab #5: Slots, Webhooks y Multiple Responses

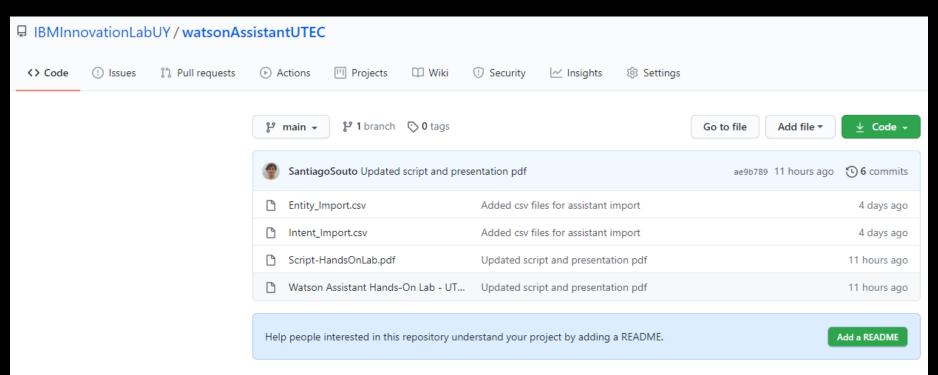
- Pedir información para guardar en una base de datos.
- Dar información sobre múltiples posibilidades.

Lab #6: Digressions y Disambiguation

• Características importante para un mejor flujo del diálogo.

GitHub

https://github.com/IBMInnovationLabUY/watsonAssistantUTEC



¿Qué es un chatbot?

Intentan imitar interacciones humanas.

Reconocimiento de lenguaje natural para responder a consultas y peticiones.

¡Watson es más que esto!

Determina cuando responder directamente y cuando acceder a recursos externos.

Puede ser entrenado gracias a su implementación de Inteligencia Artificial (AI)

Intenciones

Temas que el usuario puede querer tratar.

Entidades

Formas de especificar intenciones o patrones.







Log in to IBM Cloud

Don't have an account? Create an account

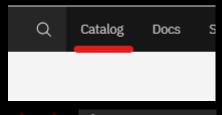
Enter your IBMid Forgot ID?

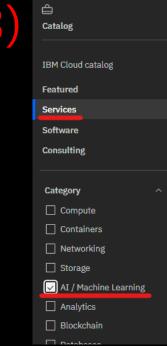
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Continue

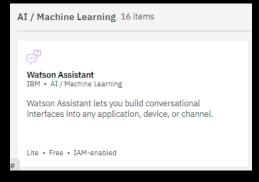
Remember ID

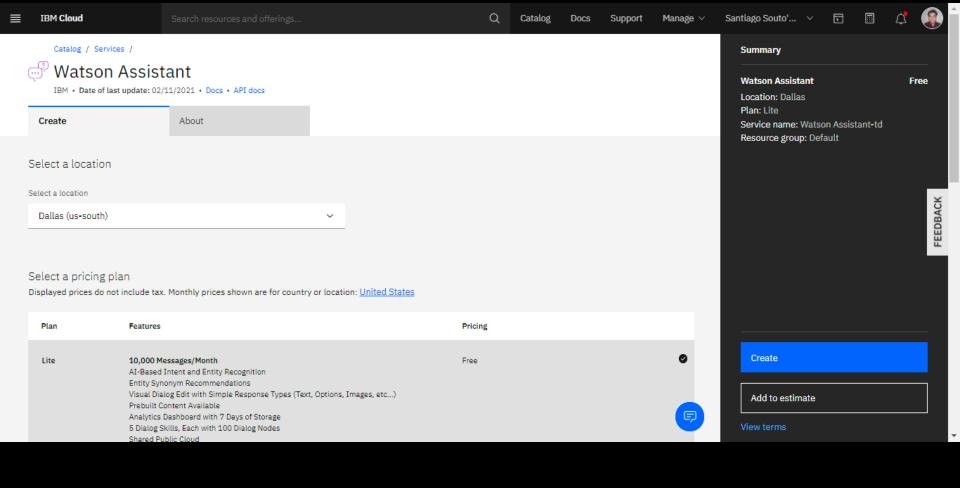
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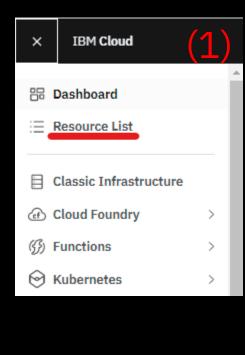


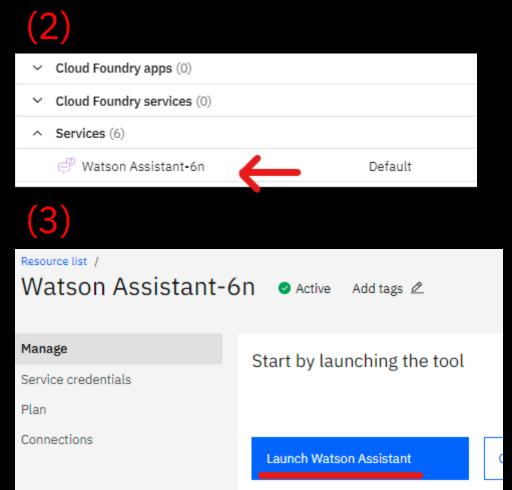


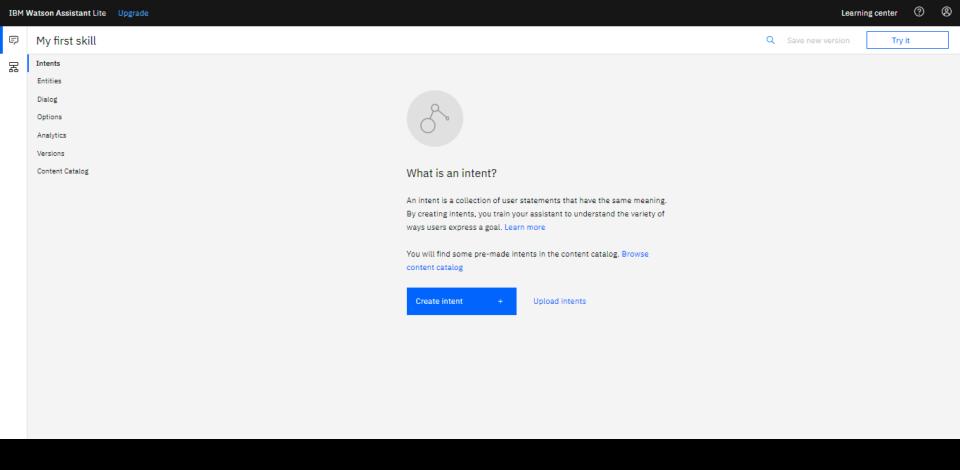






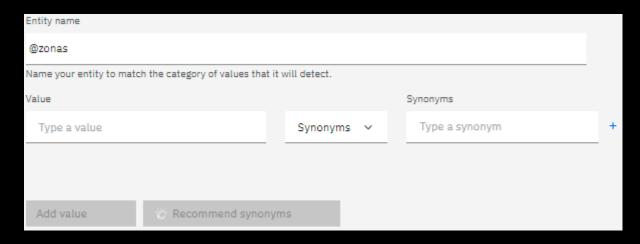








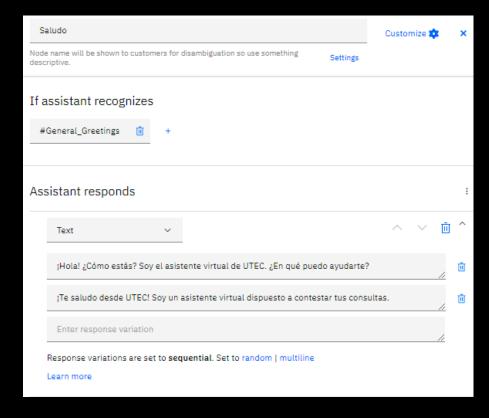
Intent name Intent name # Reunion # Ubicacion Name your intent to match a customer's question or goal Name your intent to match a customer's question or goal Description (optional) Description (optional) Cuando el usuario guiere información sobre ubicaciones de universidades en el país Cuando el usuario quiere agendar una reunion User example User example Type a user example here Type a user example here Add unique examples of what the user might say. (Pro tip: Add at least 5 unique examples to help Add unique examples of what the user might say. (Pro tip: Add at least User examples (5) ↑ User examples (5) ↑ Donde estan ubicados? Estoy busacndo contactarme con alguien directamente **Intenciones** Donde puedo ir a estudiar Me gustaria reunirme con alguien En que lugares tienen universidades? Quiero agendar una reunion Que lugares tienen en el pais? Se puede agendar una cita? Tienen alguna forma de hablar en persona Quiero ubicaciones Santiago Souto / February 23, 2021 / © 2021 IBM Corporation

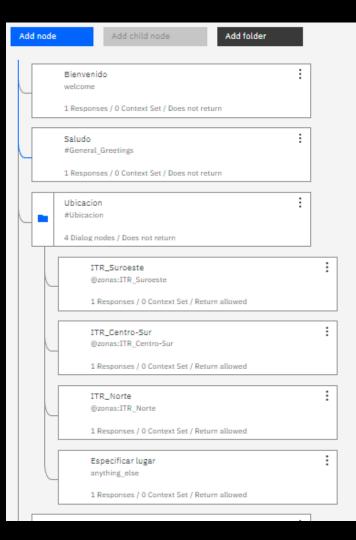


Entidades

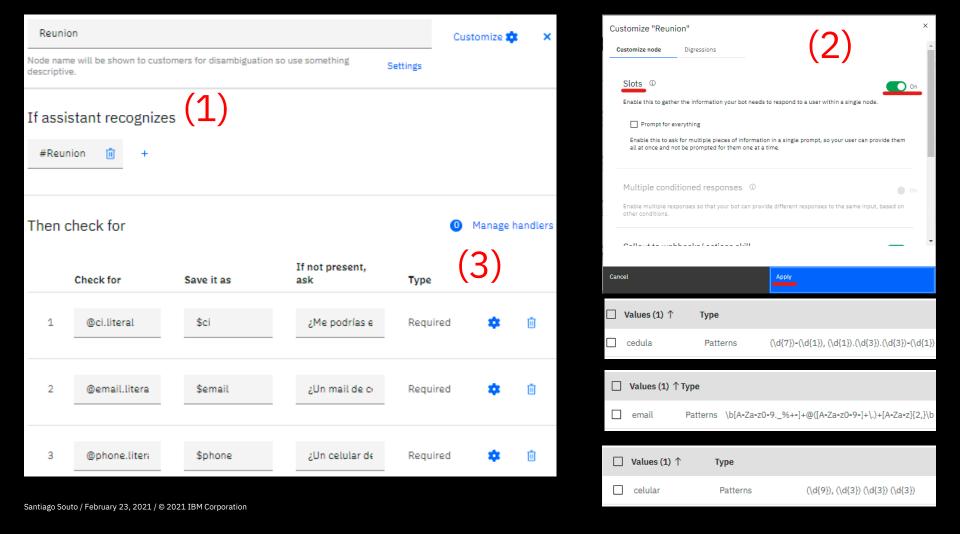
Values (3) ↑	Туре	
ITR_Centro-Sur	Synonyms	durazno, flores, florida
ITR_Norte	Synonyms	artigas, rivera, salto, cerro largo, tacuarembo
ITR_Suroeste	Synonyms	paysandu, rio negro, soriano, colonia, san jose, nueva helvecia, la paz, mercedes

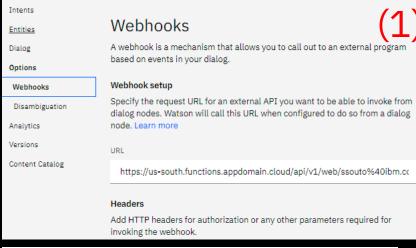


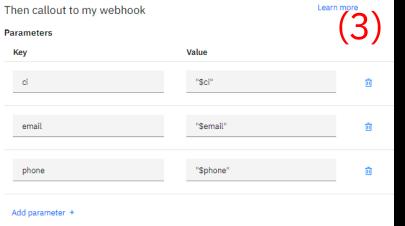


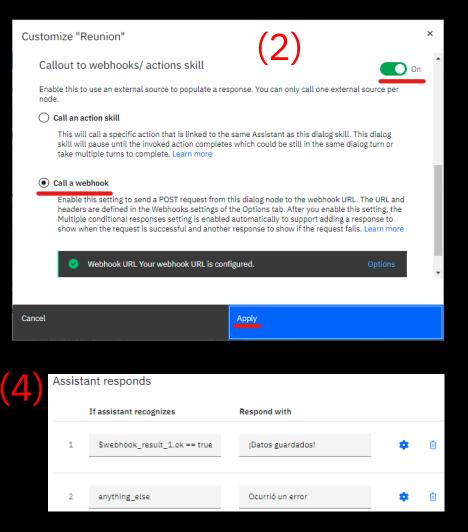


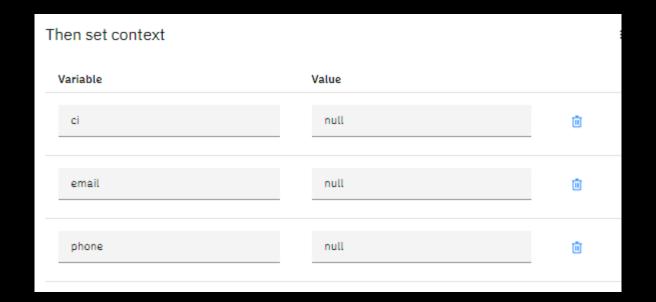






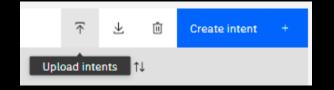


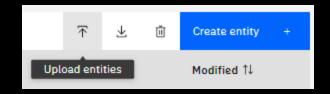


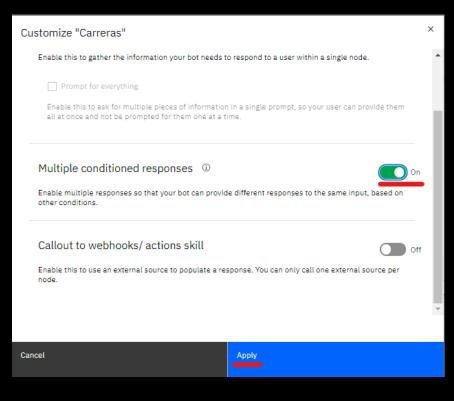


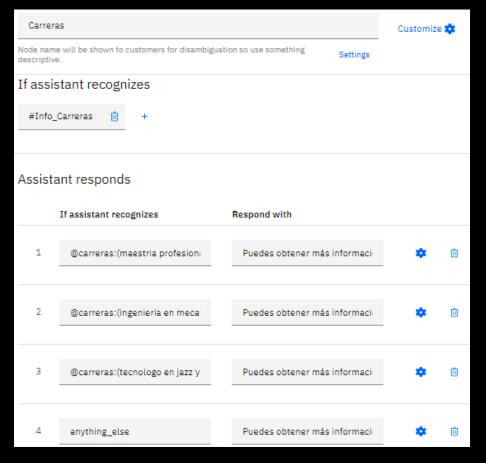


Nombre	Fecha de modificación	Tipo
Entity_Import.csv	22/2/2021 19:36	Archivo de valor
Intent_Import.csv	22/2/2021 19:36	Archivo de valor
Script-HandsOnLab.pdf	22/2/2021 19:36	Adobe Acrobat
Watson Assistant Hands-O	n Lab - UTEC.pdf 22/2/2021 19:36	Adobe Acrobat

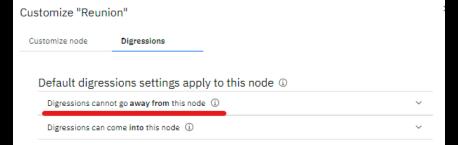


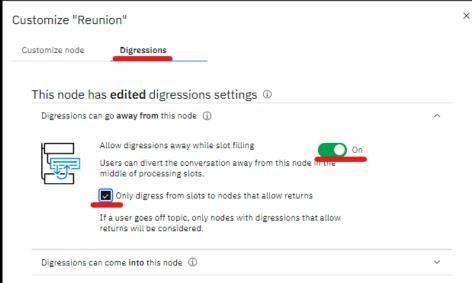




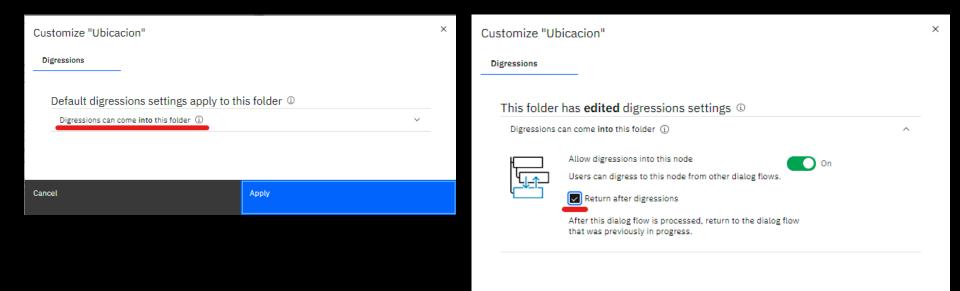








Cancel



Cancel



Webhooks

Disambiguation

Analytics

Versions

Content Catalog

Disambiguation

If your skill is confident that more than one dialog node can address a customer's query, disambiguation allows the assistant to ask the customer for clarification. A description of the purpose of each dialog node is displayed as a list of options, and the customer is asked to pick the right one. Learn more



Disambiguation message

Ouerías decir:

The message your skill will send to the customer before a list of possible options.

Anything else

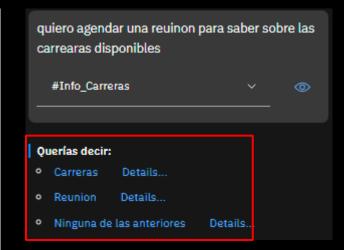
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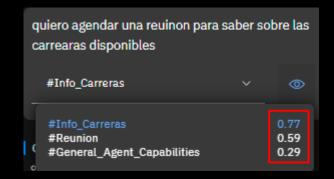
An option customers can pick if none of the suggested nodes are appropriate

Maximum number of suggestions

5

Set a limit for how many suggestions to display at once





¿Objetivos cumplidos? ☐ ¿Qué es un chatbot? ☐ ¿Cómo crear un chatbot con Watson Assistant? ☐ ¿Puedo diferenciar intenciones y entidades? ☐ ¿Cómo funcionan los slots, digressions y disambiguation? ☐ ¿Puedo moverme cómodo en el árbol de diálogo?

Links interesantes y cursos:

- https://cloud.ibm.com/docs/assistant?topic=assistant-getting-started
- https://www.ibm.com/cloud/watson-assistant
- https://www.ibm.com/blogs/watson/2020/12/innovations-in-natural-language-processing-from-ibm-to-help-enterprises-better-understand-the-language-of-their-business/
- https://developer.ibm.com/articles/introduction-watson-assistant/
- https://www.ibm.com/watson/how-to-build-a-chatbot

- https://www.coursera.org/learn/building-ai-powered-chatbots?action=enroll&authType=google
- https://es.coursera.org/projects/building-smart-business-assistants-ibm-watson
- https://developer.ibm.com/tutorials/build-an-enterprise-connected-virtual-assistant-with-no-code/

¿Quieres certificarte?



Existen más cursos para certificarse en:

https://www.ibm.com/training/Y835927A61405V35

https://cognitiveclass.ai/badges/build-your-own-chatbot



¡Muchas gracias!

Souto, Santiago @IBM Innovation Lab

ssouto@ibm.com ibm.com

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