Introduction workshop with IBM: Chatbot built made easy

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IBM‘s Deep Blue chess computer defeats the reigning world champion Gary Kasparov

1997

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IBM‘s Watson defeats the two champions Ken Jennings and Brad Rutter in *Jeopardy!*

2011

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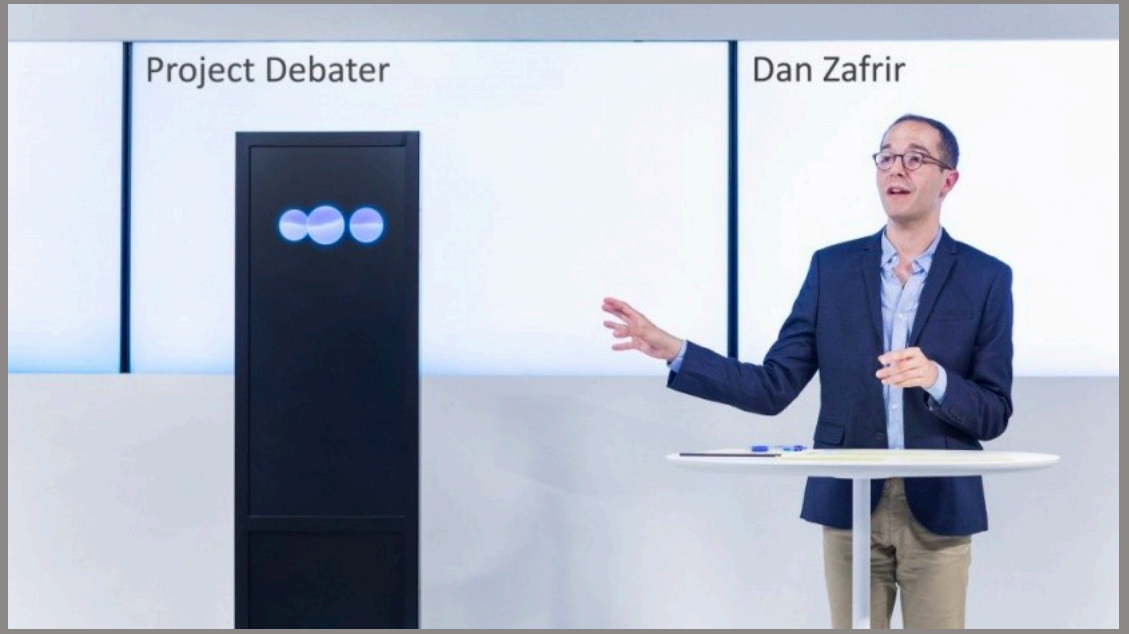
IBM‘s Watson Debater is the first AI system that can debate humans on complex topics

2019



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Watson has become a set of cognitive services available on IBM Cloud for clients to enable in their apps.

AI Assistant

Assistant

Knowledge

Natural Language Understanding

Discovery Services

Discovery News

Knowledge Studio

Speech

Speech to Text

Text to Speech

Vision

Visual Recognition

Language

Natural Language Classifier

Language Translator

Empathy

Tone Analyzer

Personality Insights

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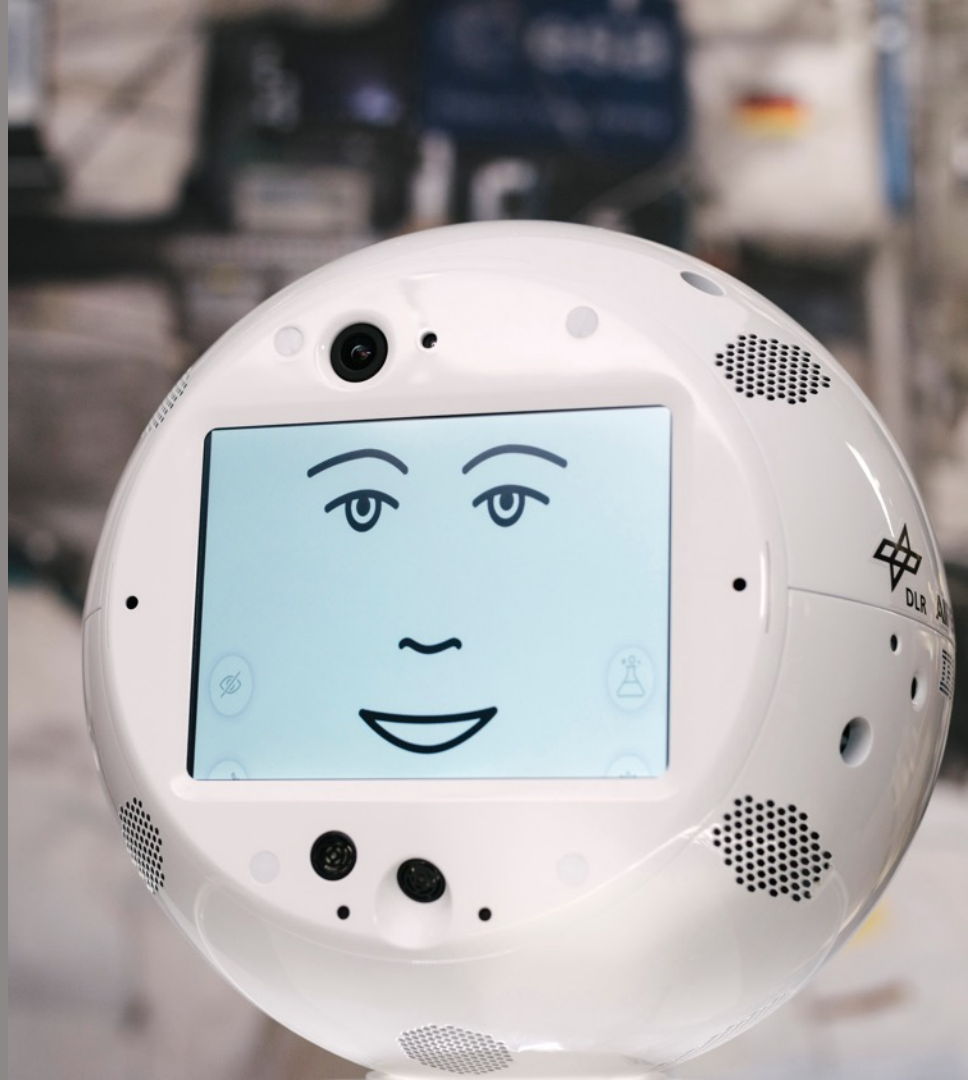
Introducing...

CIMON

Crew **I**nteractive **MO**bile companio**N**

AIRBUS DLR IBM



CIMON’s Tasks

- Experiments
- Skill Training
- Mobile Video Documentation

- Weight: 5kg (11 lbs)
- Diameter: 32cm (12.6 inch)
- Propulsion System: Air
- Autonomy: 2h
- Guidance, Navigation & Control System: Video and Ultra Sonic Sensors
- Artificial Intelligence powered by IBM Watson™

“Soft” Goal

Create a crewmate that is accepted as a real colleague by the crew.

Maze

Speech Synthesis

- Speech to Text
- Text to Speech

Watson Assistant

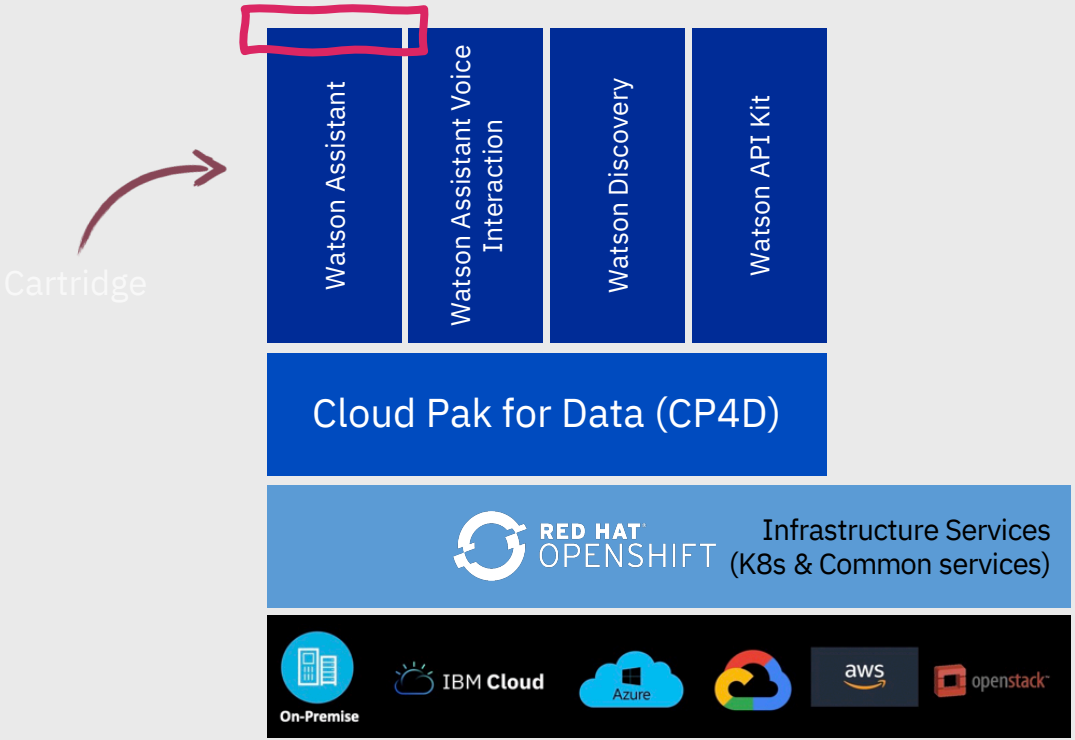
- Chatbot fitted to customer needs
- Real interactions

Visual Recognition

- Detection of surroundings
- Human recognition
- Object detection

Watson on Cloud Pak for Data

Avoid vendor lock-in, deploy Watson anywhere



Watson cartridges include Watson solution + CP4D + OpenShift, all in one license

Available as perpetual or committed term licenses

IBM Watson | © 2020 IBM Corporation

Live Demo

https://github.com/FelixAugenstein/ibm-cloud-watson-intro