

Chapter 1: Zero to Cognitive: Design

Learning Bluemix & Cognitive

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Git Repository: <https://github.com/rddill-IBM/ZeroToCognitive>

Objectives

1. Enable any one to get started **easily** in Bluemix/Cognitive
 - 30 minute sessions with a couple of hours of work
 - Core set of sessions with additions over time to cover the core Watson APIs
 - Demonstrate how to integrate Watson on BlueMix
2. Leverage GitHub to store and find reusable starter code
3. Provide “Get Started” guidance
4. Engage directly with technical leaders on their top cognitive opportunities
6. IBM Bluemix is located here: <https://console.ng.bluemix.net/>



The Plan: 30 minute Chapters with an hour or two of practice

- | | |
|--|---|
| 1. The Story, Architecture for this app | |
| 2. Setting up Bluemix | |
| 3. Building your first Watson App | (Watson Speech to Text) |
| 4. Getting Watson to talk back | (Watson Text to Speech) |
| 5. Understanding Classifiers | (Watson NLC) |
| 6. Creating a custom dialog with Watson | (custom Q&A, session management) |
| 7. Authentication | (puts C2 thru 6 together) |
| 8. Alchemy News | (Watson Alchemy) |
| 9. Visual Recognition and Images | (Watson Visual Recognition) |
| 10. Watson Conversations | (Watson Conversations) |
| 11. Rank & Retrieve | (Watson Alchemy + Rank & Retrieve) |
| 12. Getting started on my first client prototype | Design Thinking, Stories, Architecture, Keeping it simple |



The Adviser ... concept storyboard

Greeting

Hello Watson!

Hello Leah, Are we working on Oncor today?

Yeah.

The Query

My CMO is struggling with results and wants to know what other companies in her geography and industry are doing. She also wants to know what companies are doing outside her industry and geography

Got it! Give me just a moment to find some answers

Results with Confidence

Here's what I have found and why I think these answers will be interesting to Oncor

Review

Let's use my iPad to look at your results.

This is great. I'll need a printout of the white paper and some of the references integrated into the first presentation.

Client Discussion

Next Steps

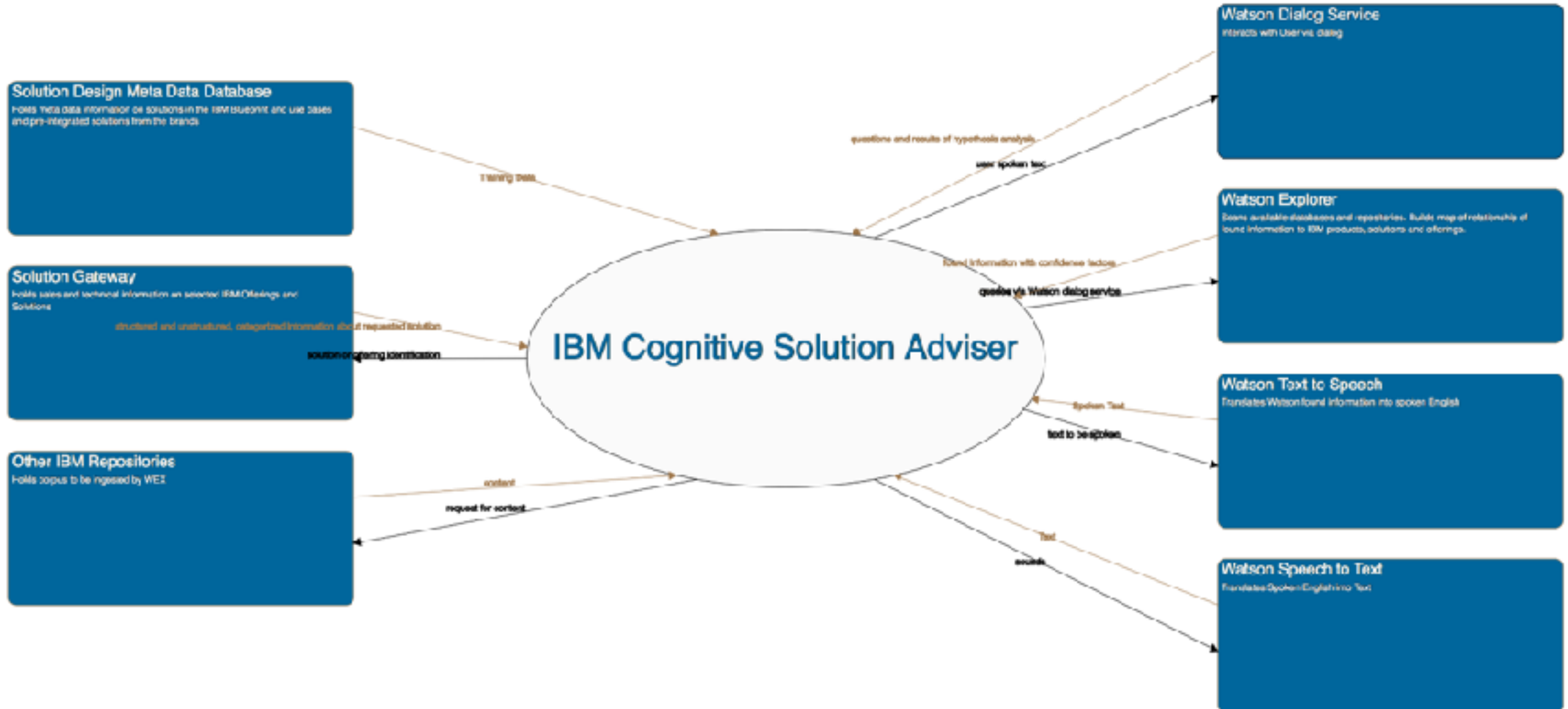
Hello Watson!

Hello Leah, Are we working on Oncor today?

Yes, specifically on the CMO ideas

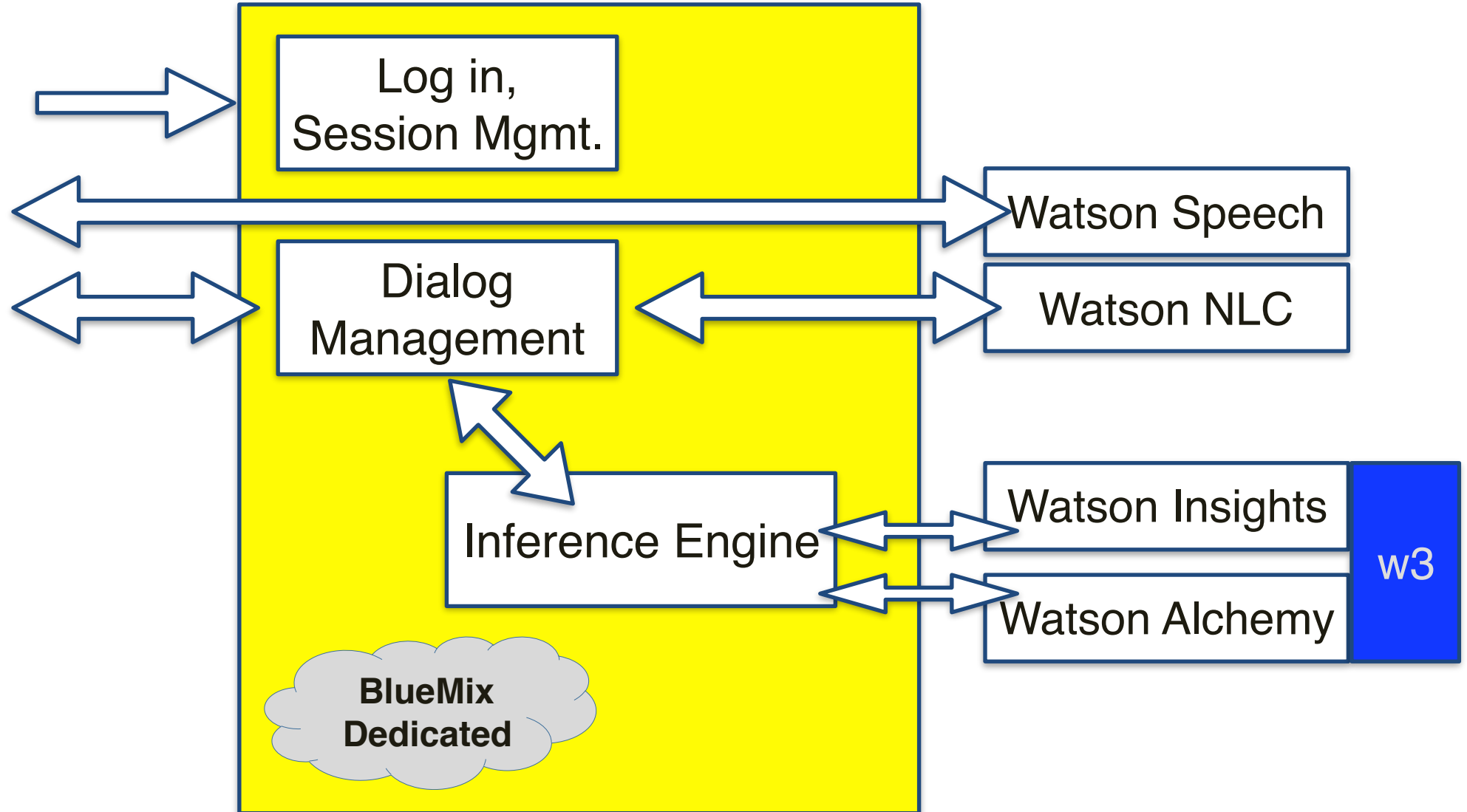
The Adviser ... concept System Context

IBM



IBM Cognitive Solution Advisor Architecture, V1

Mobile App



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