

Adding Natural Language Processing Through LUIS AI



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Agenda



What is LUIS and why is it important to me?

LUIS Framework Aspects

- Intents
- Entities
- Utterances

The LUIS UI



What is LUIS?

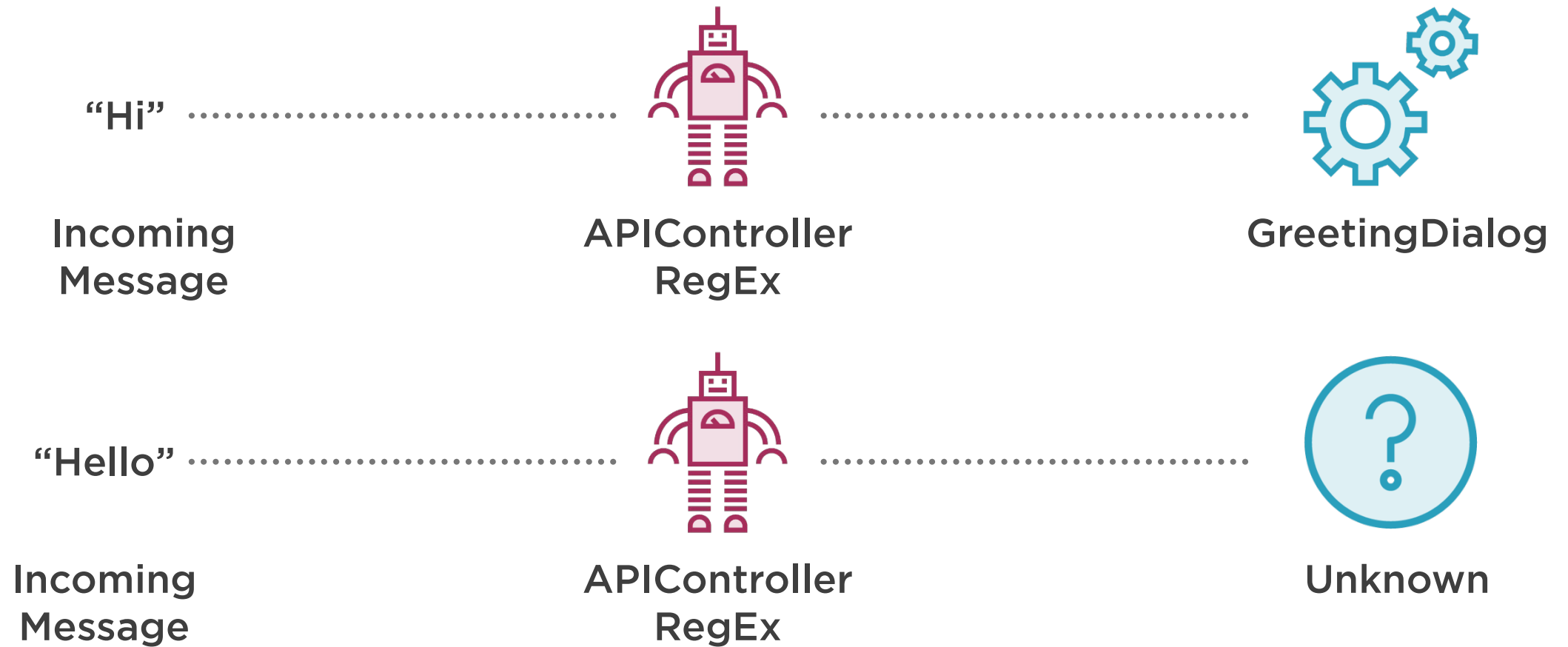


Language Understanding Intelligent Service

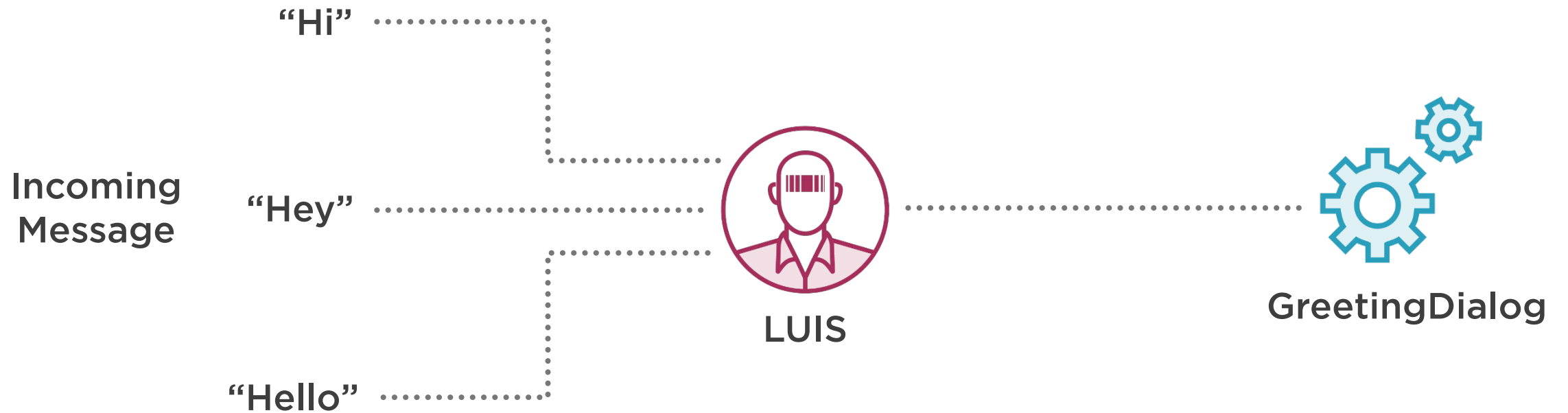
Makes natural language processing possible

Utilizes interactive machine learning

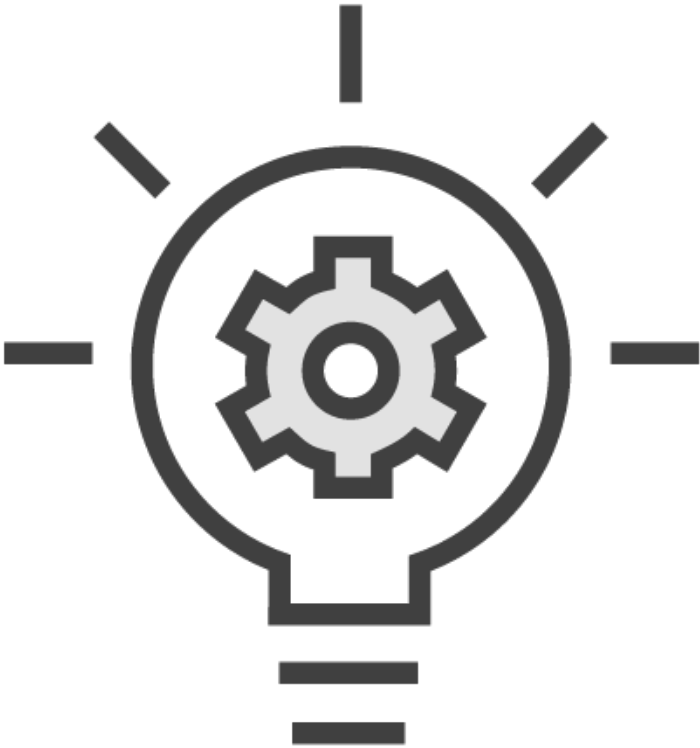
A World Without LUIS



A World With LUIS



Stating Your Intents



Identifies what actions you want your bot to take

Utilizes Active Learning to improve over time

Knowing Your Entities



Identifies what things your bot is taking action on

Helps to enhance your Intents

Can be Hierarchical or Composite

Defining Your Utterances



Identifies phrases to link to intents and entities

Used to help LUIS learn



Demo



Two Part Formula

- LUIS UI - (<https://www.luis.ai>)
- ASP.NET Web API Code



Summary



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