

# Build a chatterbox with OpenAl & Bot Framework Composer



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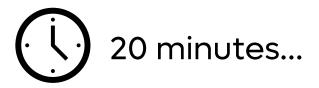


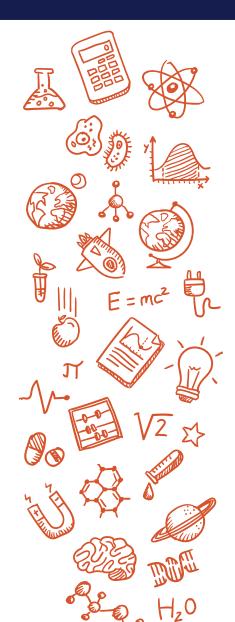


# Agenda



- Projection of Al & its importance
- Potential use-cases and possibilities
- Bot Framework Composer
- Component Model (Packages)
- OpenAl & GPT-3





# Bots are the new apps

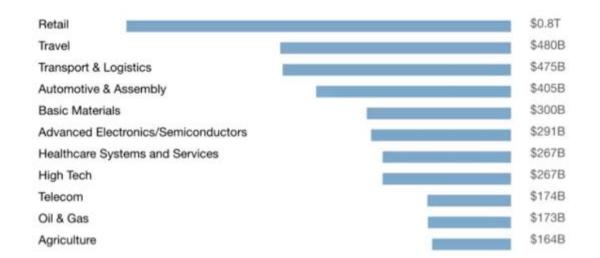
- Satya Nadella

# Projection of Al

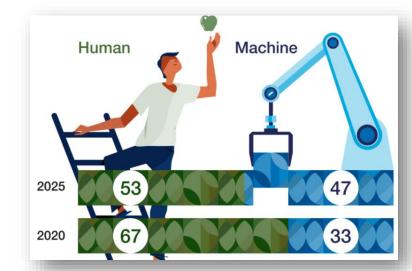


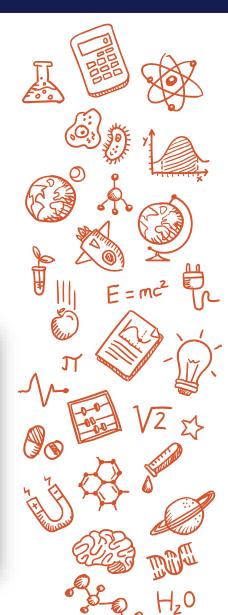
AI value creation by 2030

\$13 trillion



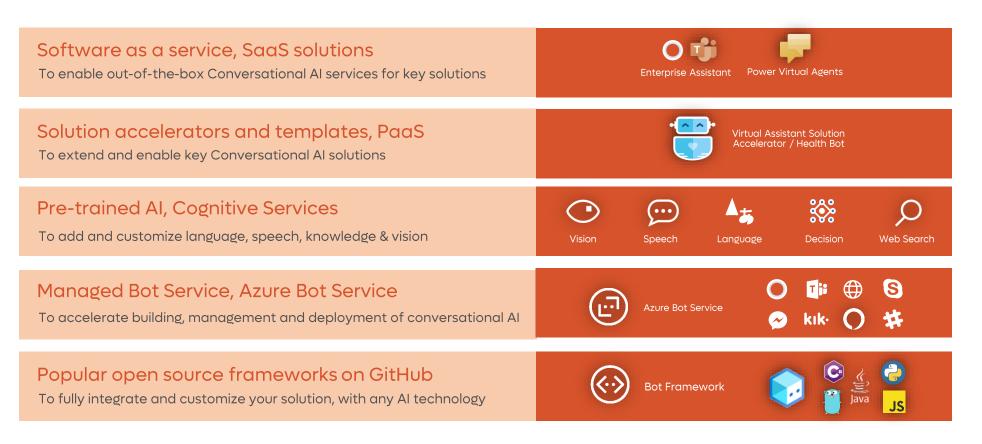
Rate of Automation

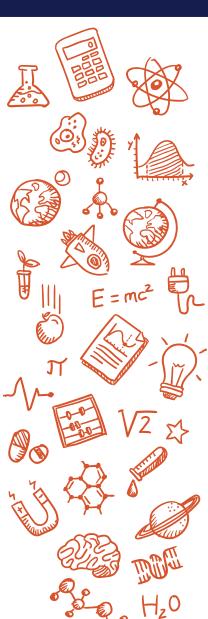




#### Microsoft Conversational Al



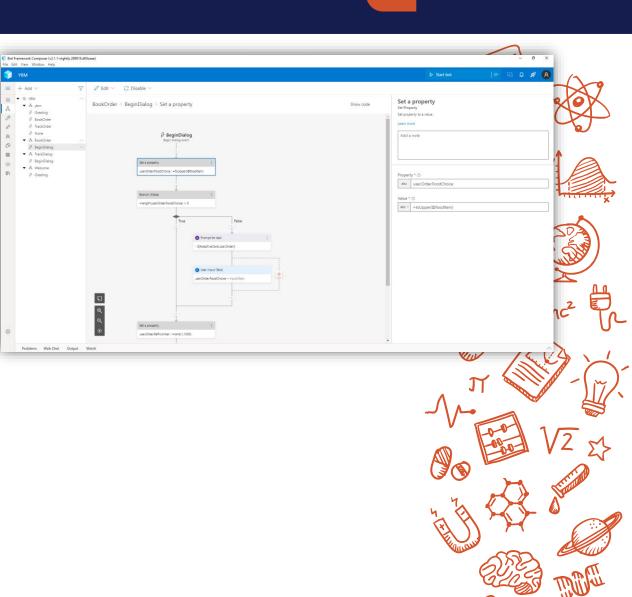




# Bot Framework Composer



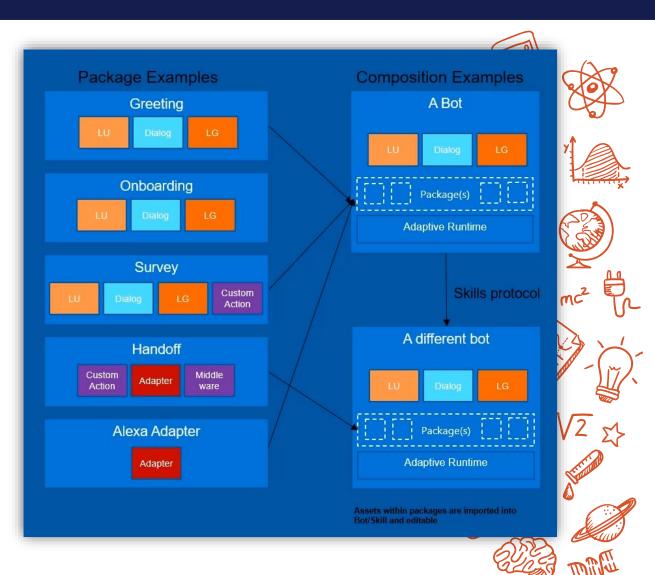
- A visual editing canvas for authoring and visualizing the conversation flow
- Language understanding (NLU) in-context of conversation authoring
- Tools to train and manage dialog components (including NLU and QnA)
- Author Bot responses (powered by Language generation and templating system)
- A ready-to-use bot runtime



# Bot Framework Component Model

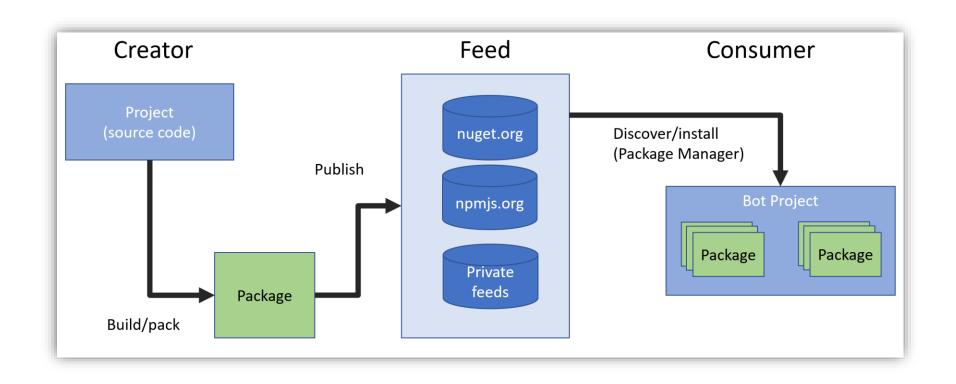


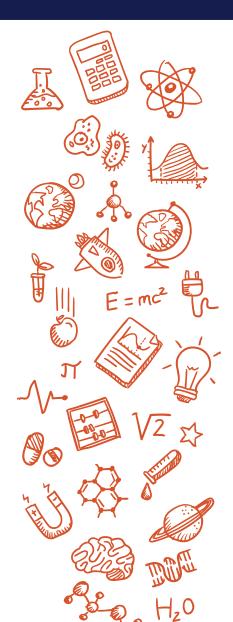
- Ability to create, share and consume
  - Custom Actions
  - Triggers
  - Dialogs
  - Middleware
- Re-usable packages
  - NuGet
  - npm



# Package Lifecycle







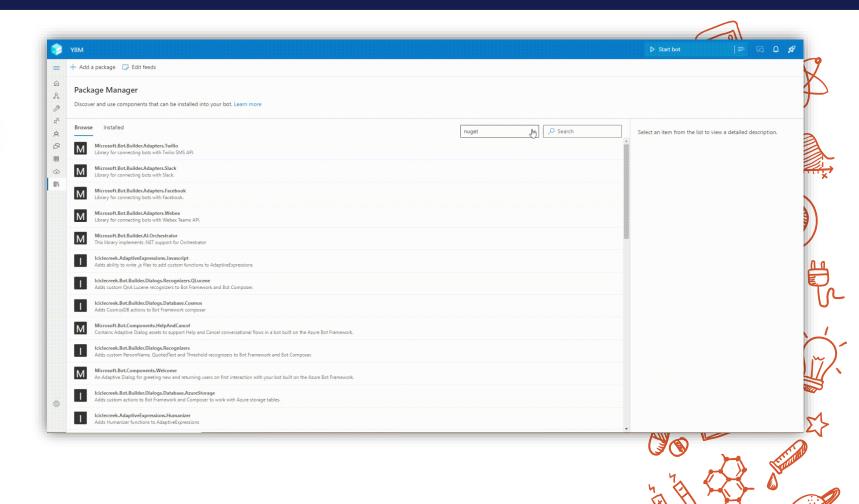
### Package Manager



- First party packages
- Community Packages
  - Bot Builder Community



Local Packages



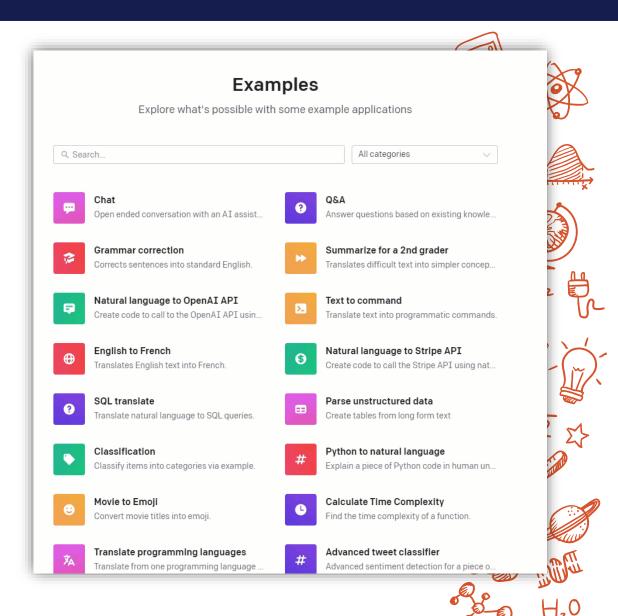


# Bot Framework Composer and Packages

# Open Al's GPT-3



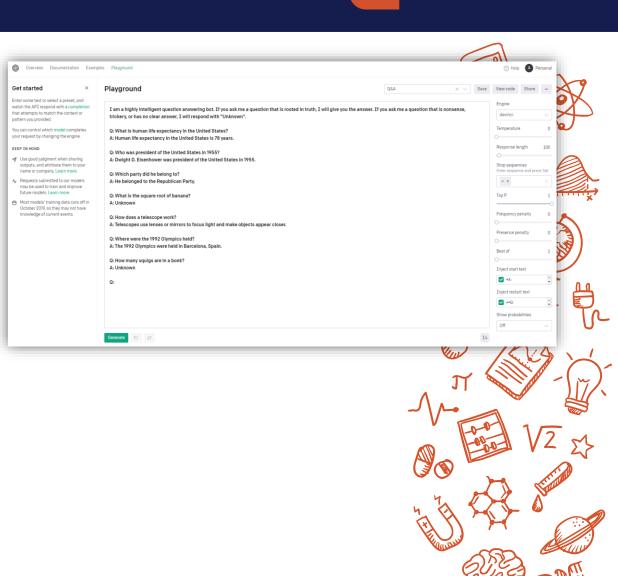
- Text in, text out interface
- Trained with 175 billion machine learning parameters
- Natural Language Generation at its best
- Mainly used for automated conversational tasks, responding to any text that a person types into the computer with a new piece of text appropriate to the context
- It can create anything with a text structure
- Mostly it is being used with Conversational Al apps
- Microsoft has exclusive access to the underlying model
- Al Writer, Al Dungeon Game, Guardian's articles are a few examples



## How do I get an access?



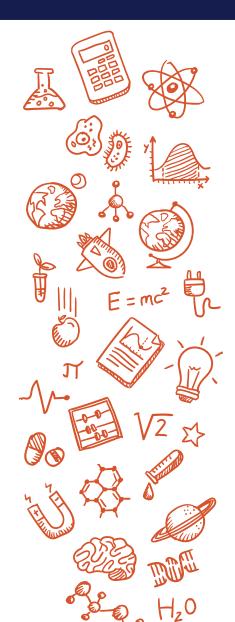
- Generally Available to public in supported countries
- Simple and flexible. Only pay for what you use
- API Playground for you to test the models
  - Ada
  - Babbage
  - Curie
  - Davinci



# Chatterbox



- Open Al's GPT-3
- Bot Framework Composer
- Google Actions





#### Questions?



#### Resources

- Bot Framework Composer <a href="https://aka.ms/bfcomposer">https://aka.ms/bfcomposer</a>
- Bot Framework Composer Samples https://github.com/microsoft/BotBuilder-Samples/
- Bot Builder Community <a href="https://github.com/botbuildercommunity">https://github.com/botbuildercommunity</a>
- Blog Post <a href="https://www.arafattehsin.com/openai-davinci-and-bot-framework-composer/">https://www.arafattehsin.com/openai-davinci-and-bot-framework-composer/</a>
- Open AI <a href="https://www.openai.com/">https://www.openai.com/</a>

#### Let's connect...





