

Использование Cognitive Services API

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Для чего мы используем Cognitive Services?

- ▶ Приложения становятся «умнее»
- ▶ Приложения не нагружаются большим количеством данных и алгоритмов
- ▶ Они облегчают работу с интеллектуальными алгоритмами.

Microsoft Cognitive Services

Give your apps
a human side



Vision

From faces to feelings, allow your apps to understand images and video



Speech

Hear and speak to your users by filtering noise, identifying speakers, and understanding intent



Language

Process text and learn how to recognize what users want



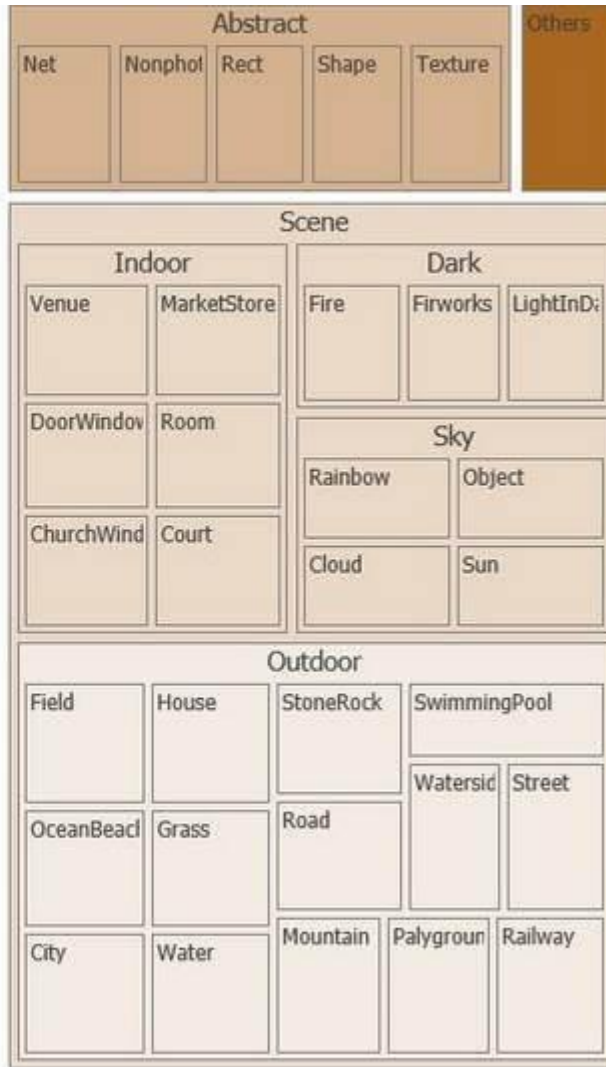
Knowledge

Tap into rich knowledge amassed from the web, academia, or your own data

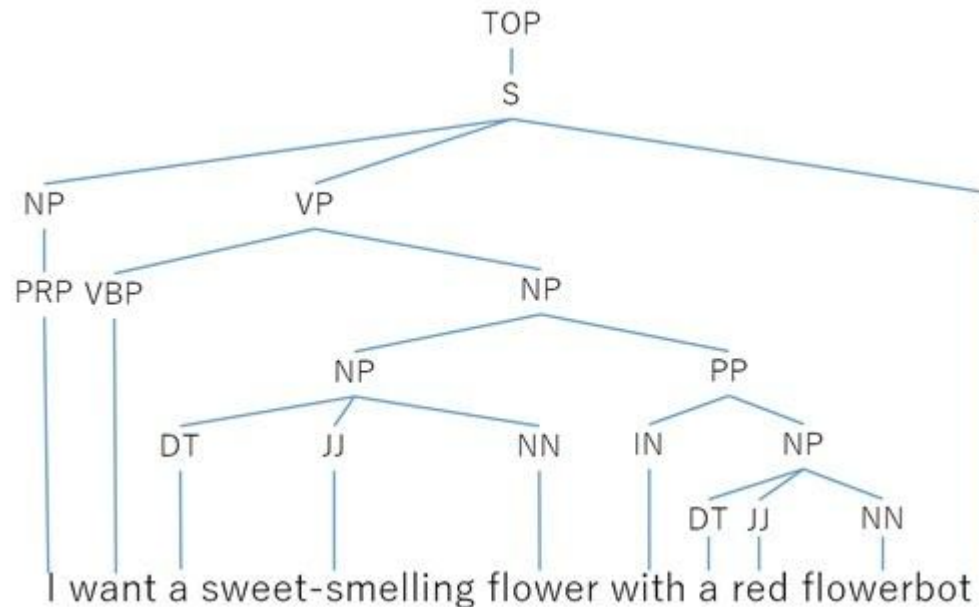
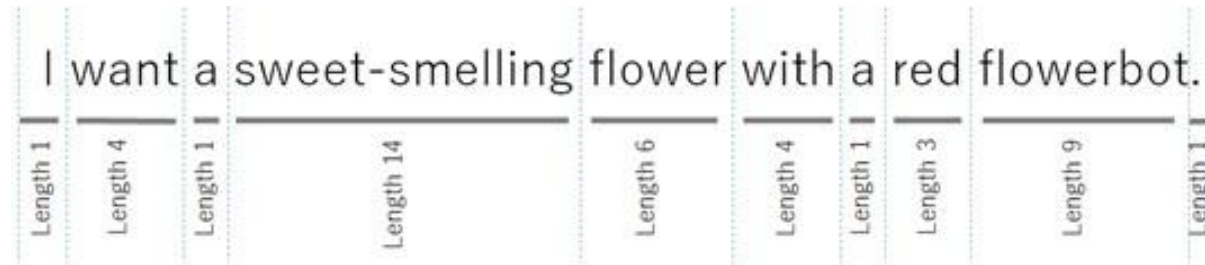


Search

Access billions of web pages, images, videos, and news with the power of Bing APIs



I want a sweet-smelling flower with a red flowerpot.



Watson

Build cognitive apps that help enhance, scale, and accelerate human expertise



IBM Watson



AlchemyAPI
IBM



Concept Expansion
IBM BETA



Concept Insights
IBM



Dialog
IBM



Language Translation
IBM



Natural Language Classifier
IBM



Personality Insights
IBM



Question and Answer
IBM BETA



Relationship Extraction
IBM BETA



Retrieve and Rank
IBM



Speech To Text
IBM



Text To Speech
IBM



Tradeoff Analytics
IBM



Visual Recognition
IBM BETA



Cognitive Commerce™
Third Party



Cognitive Graph
Third Party



Cognitive Insights™
Third Party



Google Cloud Platform

Use your own data to train models



TensorFlow



Cloud Machine Learning Engine

Ready to use Machine Learning models



Cloud Vision API



Cloud Speech API



Cloud Jobs API



Cloud Translation API



Cloud Natural Language API



Cloud Video Intelligence API



Coming soon

Что внутри?

- ▶ **Машинное обучение**
- ▶ **Обработка естественного языка**
- ▶ **Распознавание речи**
- ▶ **Компьютерное зрение**
- ▶ **Автоматическое принятие решений**