

Invisible o desaparece

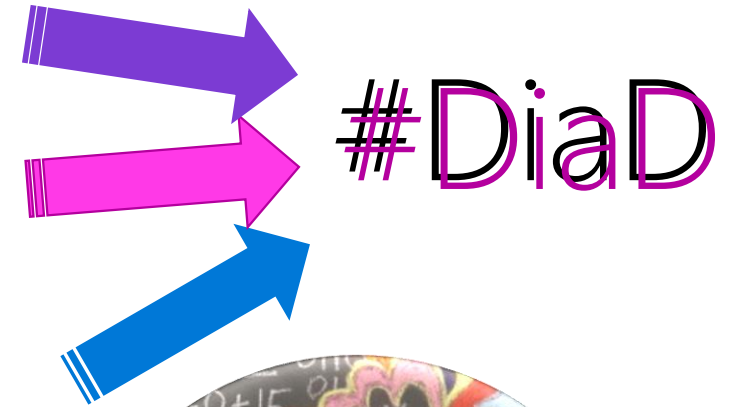
EL DIA "D"

31 de marzo 2017

#DiaD

Isabel Cabezas

Technical Evangelist
@isabelcabezasm



Granada



UGR
Ing. Informática

Comunidades técnicas:

Granada, Barcelona, Madrid
Founder & coord. de varias
Microsoft, Chicas, JavaScript...



#DiaD

Una revolución invisible









<http://fortune.com/2017/01/09/amazon-echo-alexa-dollhouse/>

#CartaAAlexaEnVezDeALosReyesMagos

#DiaD



#RascateLoQueTePique

#DiaD

@julietsvq

alcance

Trolls

@isabelcabezasm

#notwificador

KPI

engagement

CPM

CPA

klout

CPC

SEO

@msdev_es

influencers

SEM

TL

Hastag

TT

target

#FF

audiencia

impacto

followers

#diaD

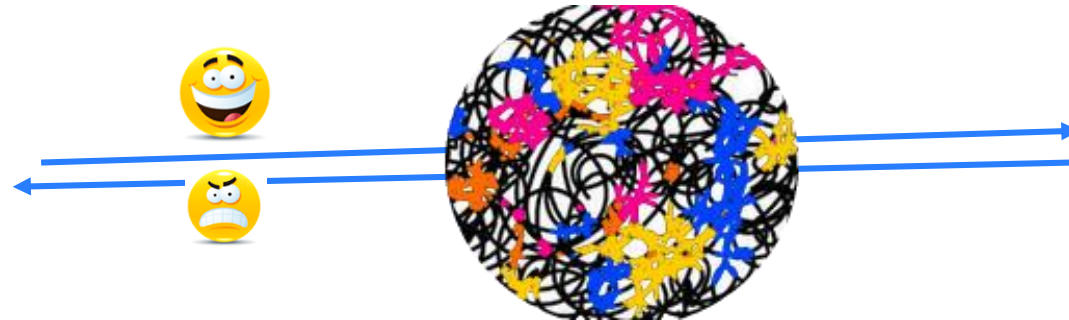
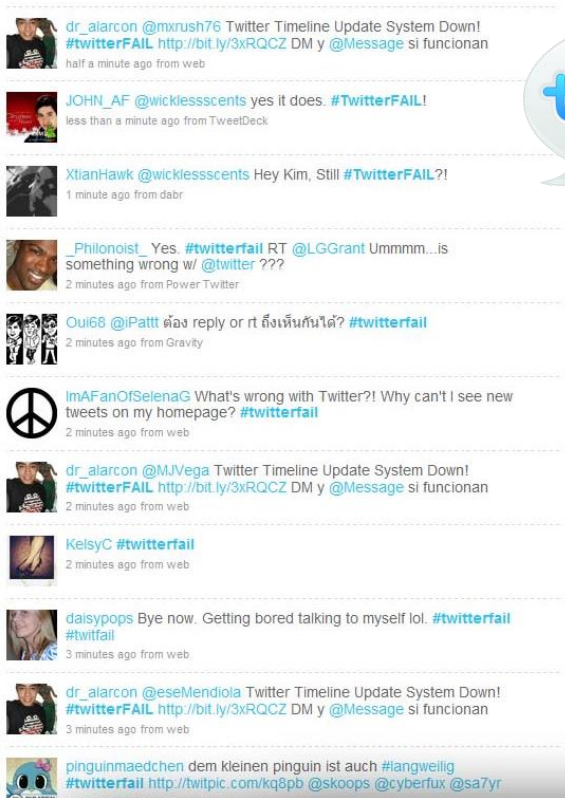
brand

market identity target advertising product recognition expectation name symbol quality success value trademark label loyalty local business image impression focus corporate unique image orientation design registration consumer sign trend media management logo distribution



<https://github.com/Phhere/Playbulb>

#YoConvencíAMiChicoDeQueEstoEraRomántico



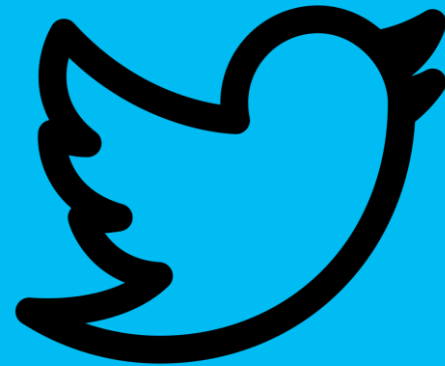
<https://dev.twitter.com/resources/twitter-libraries>

#DiaD

Rest API

VS

Streaming API



#DiaD

Microsoft Cognitive Services

Humaniza tus apps



Vision

Reconocer caras, emociones, objetos, etc en imágenes y vídeo.



Speech

Escuchar y hablar a los usuarios, reconociendo a la persona



Language

Procesar textos y entender qué necesitan los usuarios



Knowledge

Base de conocimiento basada en la web, fuentes académicas y tus propios datos



Search

Bing APIs para acceder a millones de webs, imágenes, etc.



<https://www.microsoft.com/en-us/research/product/cognitive-toolkit/>



<https://github.com/microsoft/cntk>

Language



Bing Spell
Check API



Web Language
Model API



Linguistic
Analysis API

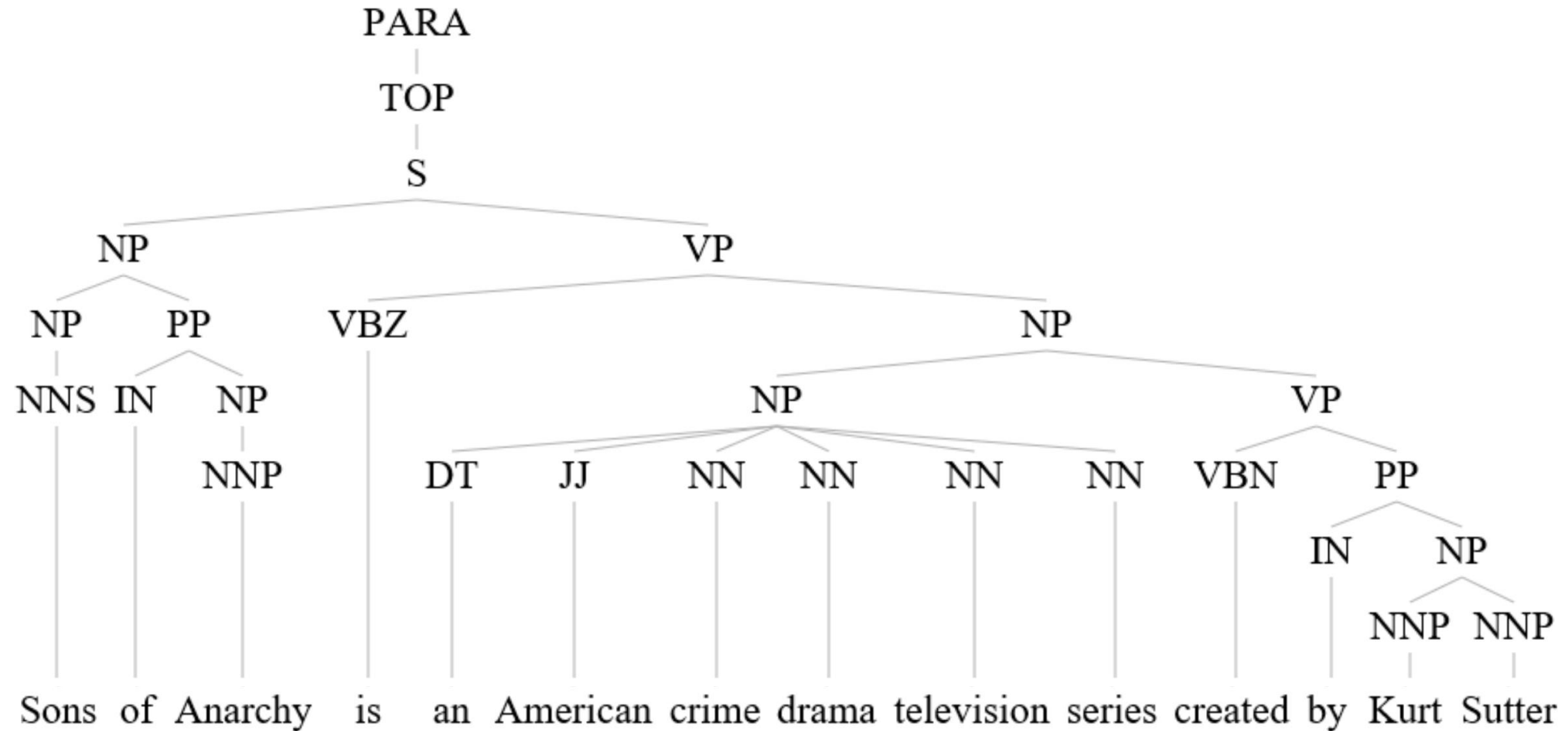


Language Understanding
Intelligent Service



Text Analytics
API

Linguistic Analysis API



Bing Spell Check API

Snosof Aanrcky, aka SAMCRO, is a motrocikle culbb that opertrates bot ilegla an lejgal bissineses i te smal twon of Charring.



Sons of Anarchy, aka SAMCRO, is a motorcycle club that operates both illegal and legal businesses in the small town of Charming.

```
"flaggedTokens": [  
  {  
    "offset": 0,  
    "token": "Snosof",  
    "type": "UnknownToken",  
    "suggestions": [  
      {  
        "suggestion": "Sons of",  
        "score": "1"  
      }  
    ]  
  },  
  {  
    "offset": 7,  
    "token": "Aanrcky",  
    "type": "UnknownToken",  
    "suggestions": [  
      {  
        "suggestion": "Anarchy",  
        "score": "1"  
      }  
    ]  
  },  
  ...  
]
```

Text Analytics API

Dia D is an awesome event!

Language: ⓘ

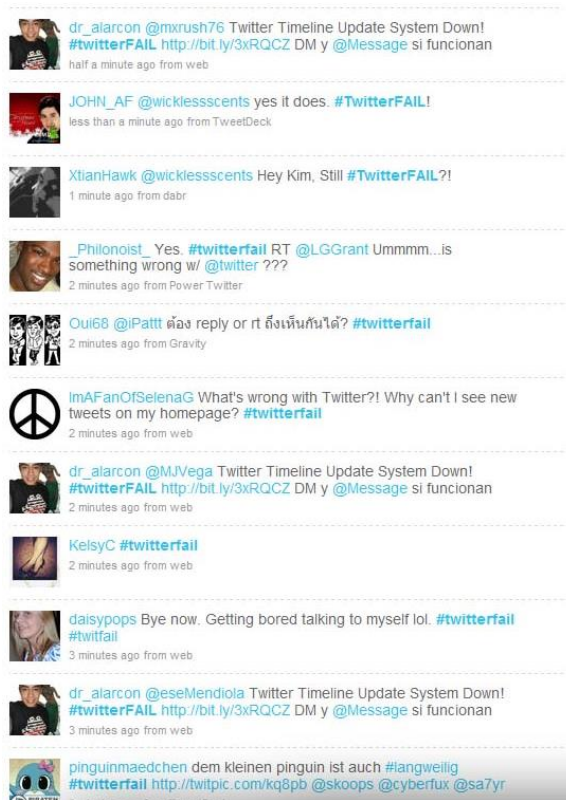
English (confidence: 100%)

Key phrases: ⓘ

Bilbostack is an awesome event !

Sentiment: ⓘ

99 %

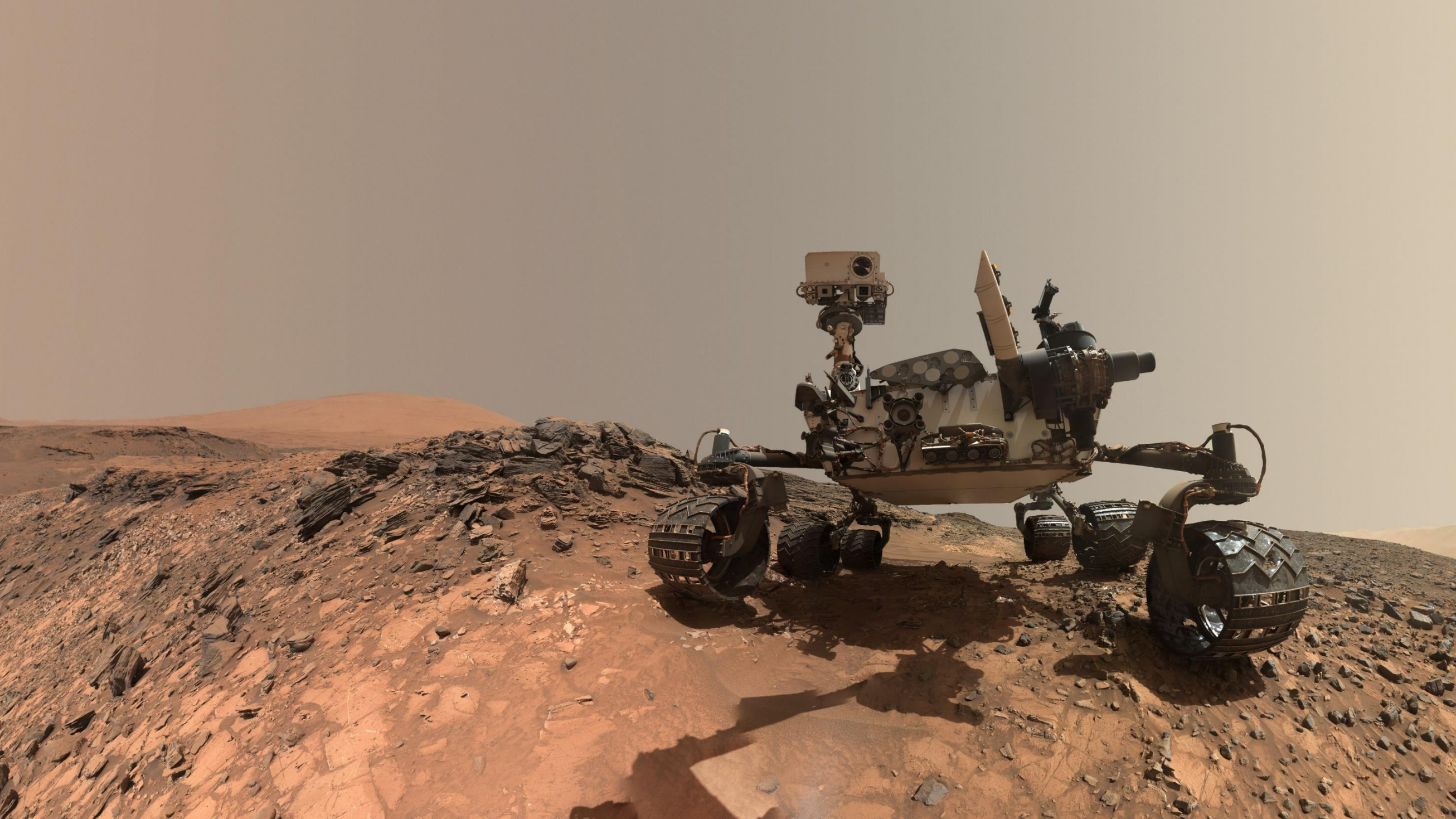


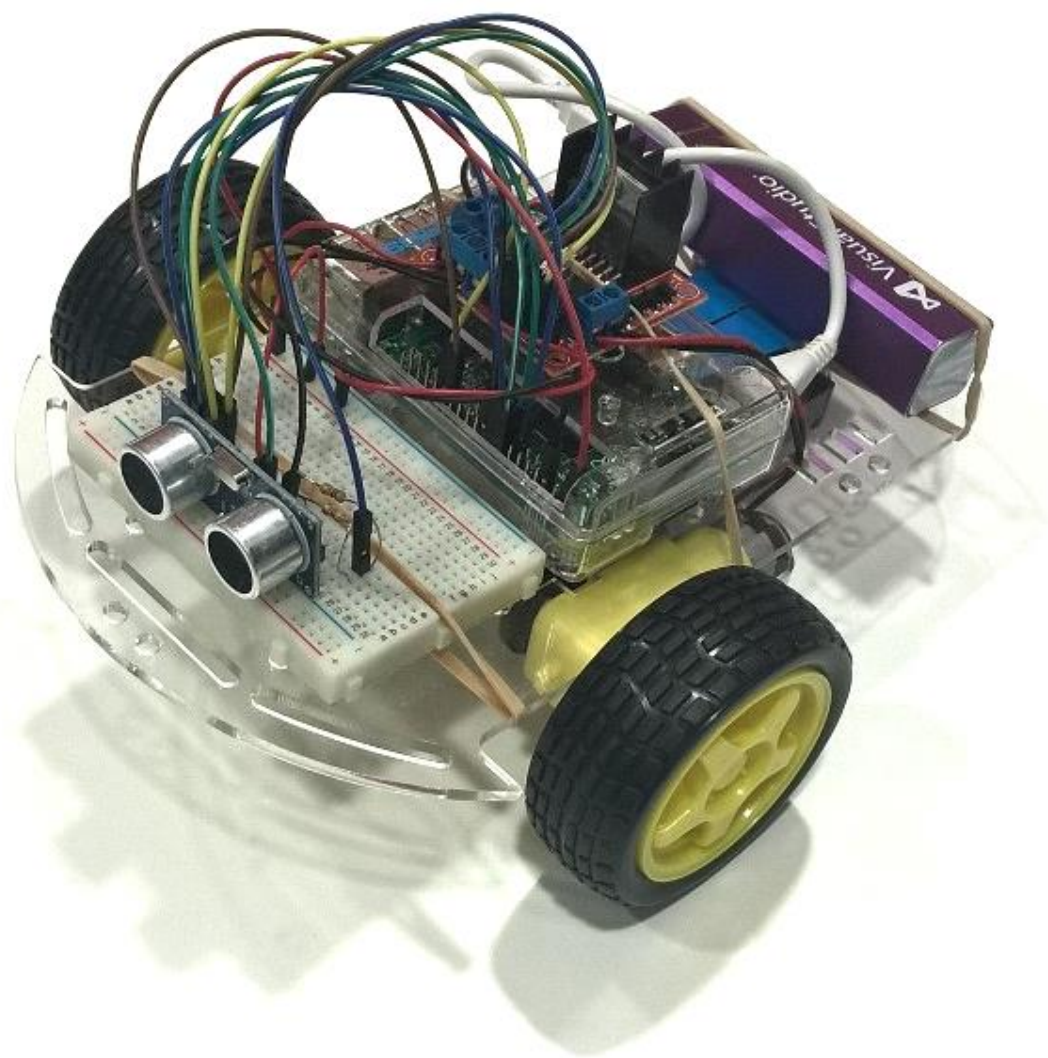
Text Analytics



#DiaD

Internet de los Cacharritos (Internet of Gadgets)





<https://www.hackster.io/peejster/rover-c42139>

#DiaD

Intel® Edison Module

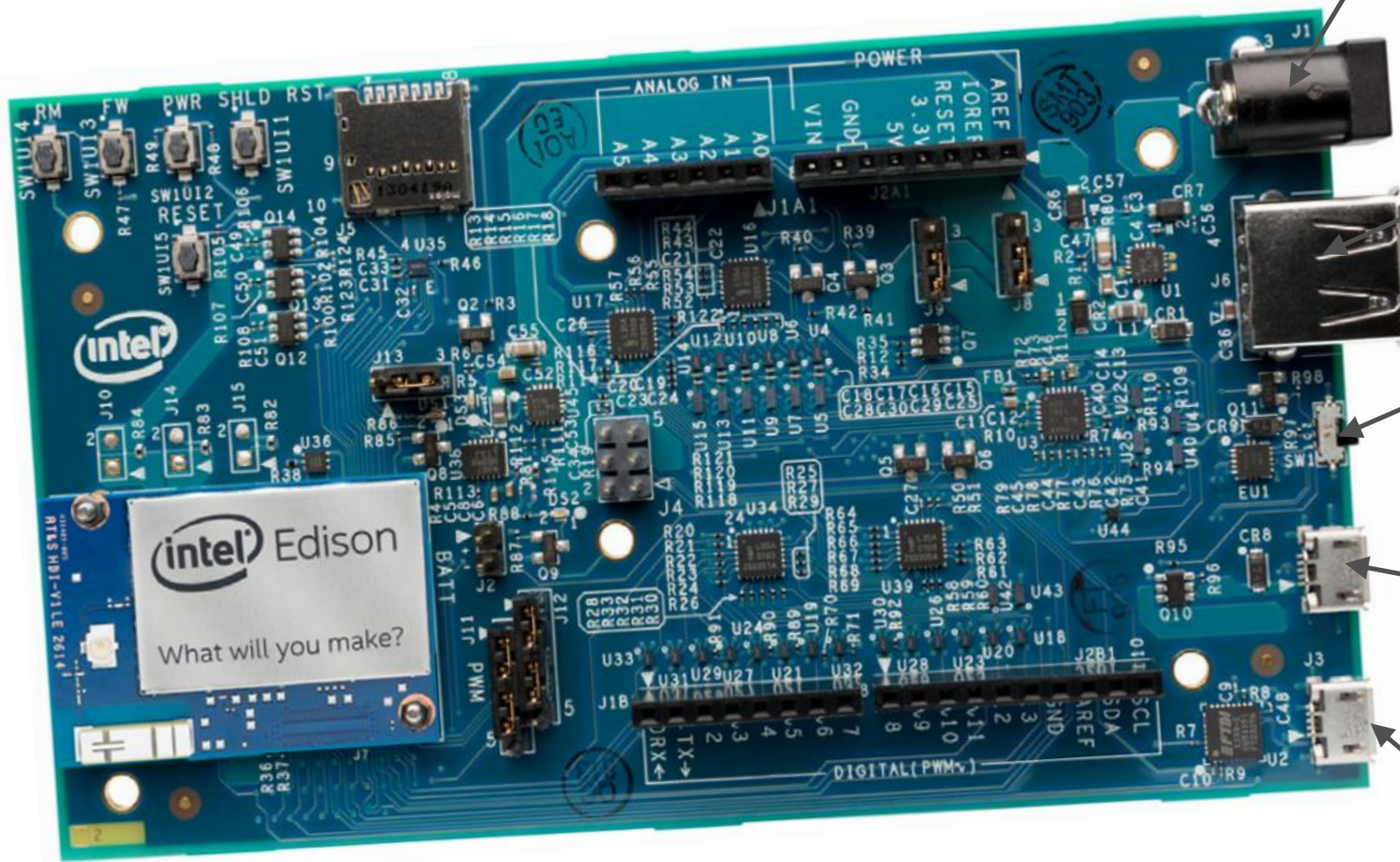
Small, Powerful & Adaptable Hardware

- Dual-core Intel® Atom™ processor 500MHz
- Integrated Wi-Fi*, Bluetooth® Low-Energy (LE)
- 32-bit Intel® Quark™ microcontroller at 100 MHz
- 1 GB of RAM, 4 GB of Storage
- 40 multiplexed GPIO interfaces with expansion board options for total project design and flexibility
- Yocto Project* Linux*





Connect to your Edison board *what are the connectors/cables for ?*



Barrel (7V-15V) DC power connector

Standard size USB –Host mode
Mouse
Keyboard
webcam

Host / device mode switch

Device mode micro USB for :
5V power
Arduino IDE Serial
Ethernet over USB
Flash memory programming

Micro USB for Serial commands
to Edison via terminal/putty to :
Configure Edison
Install new packages

<http://thinglabs.io/>



Node.js Tools for Visual Studio



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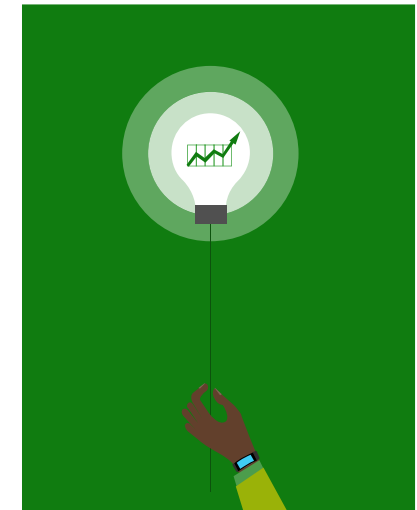
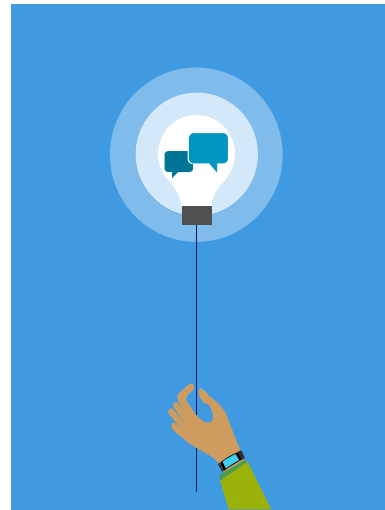
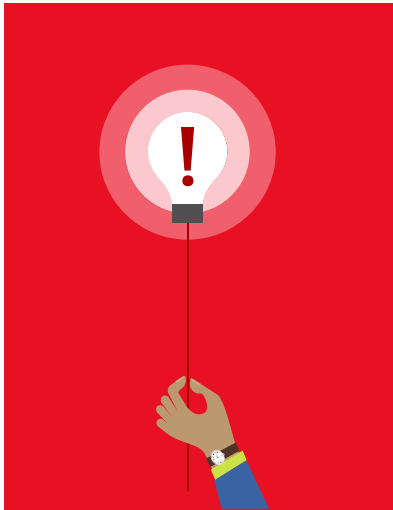
<http://aka.ms/WomenInIoT>



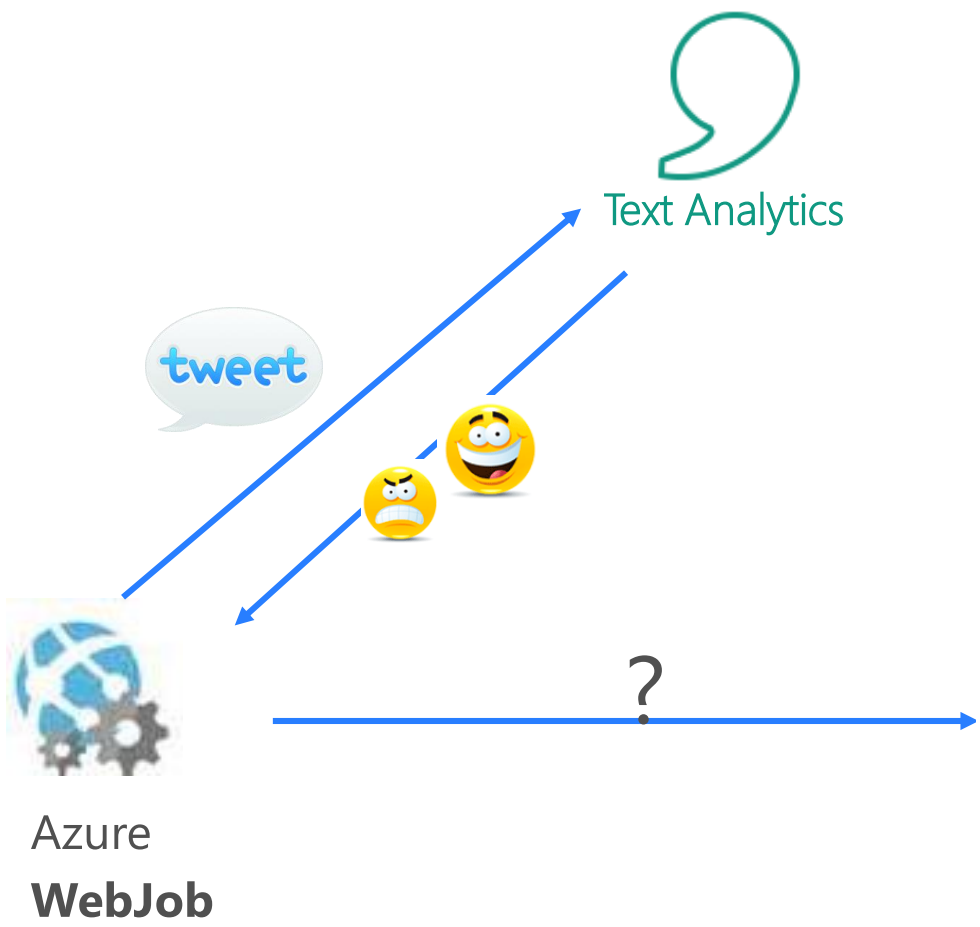
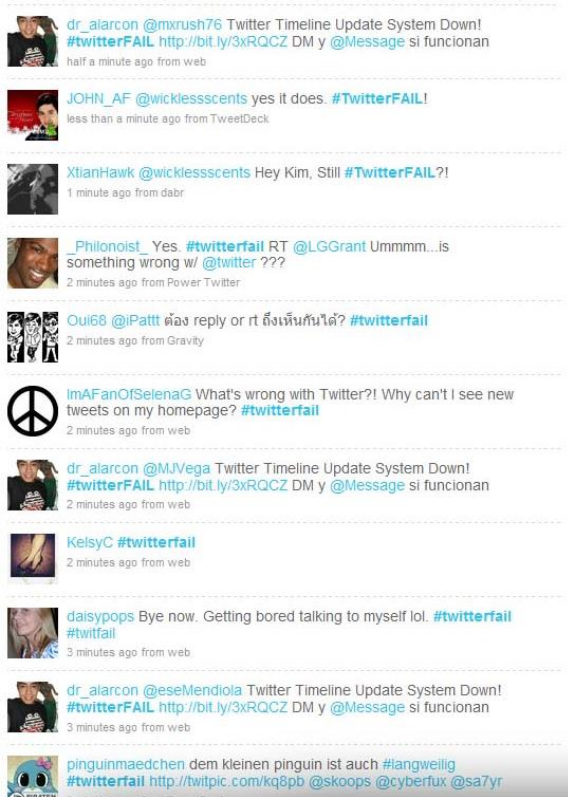


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Funcionamiento






















#DiaD



#DiaD

Microsoft Azure services for IoT

Producers	Data Transport	Storage	Analytics	Presentation & action
	 Event Hubs (Service Bus)	 SQL Database	 Machine Learning	 Azure Websites
	 Heterogeneous client agents	 Table/Blob Storage	 HD Insight	 Mobile Services
	 External Data Sources	 DocumentDB	 Stream Analytics	 Notification Hubs
		 External Data Sources	 Cloud Services	 Power BI
				 External Services

IoT Hub



Servicio

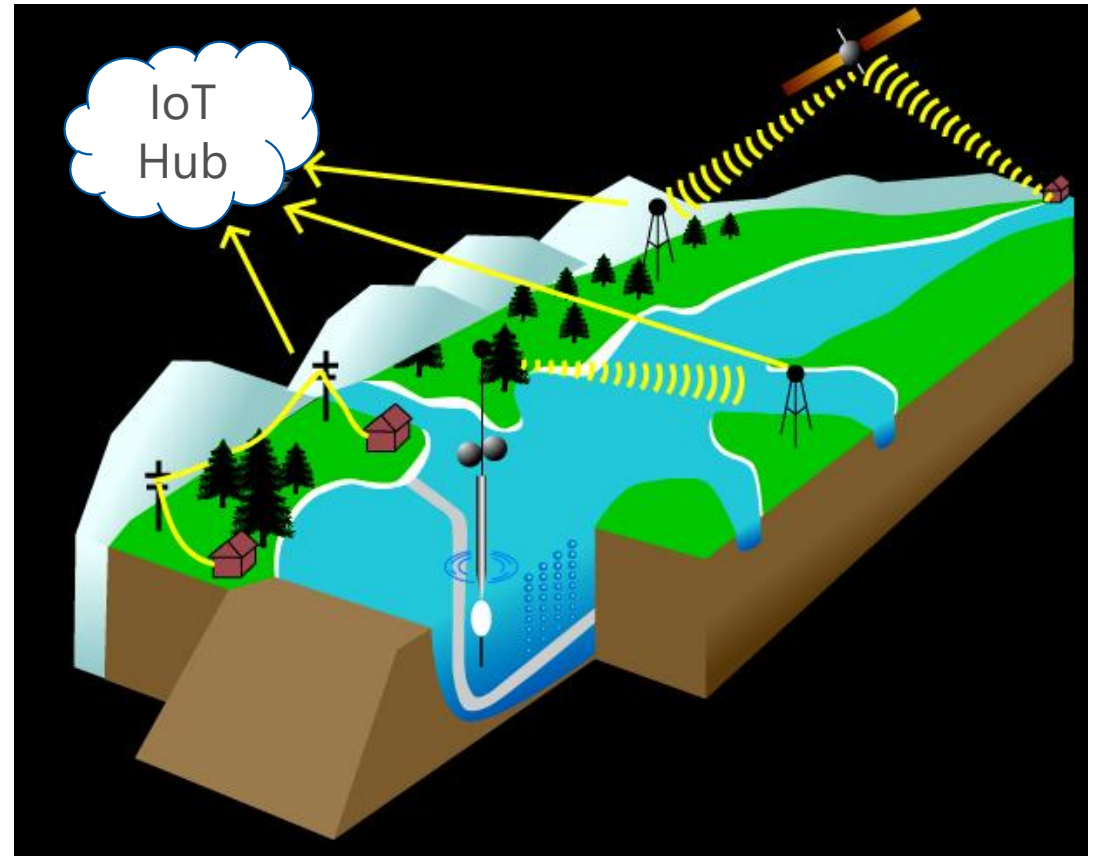
Comunicación bidireccional

Segura

Protocolos estándar

Event Hub

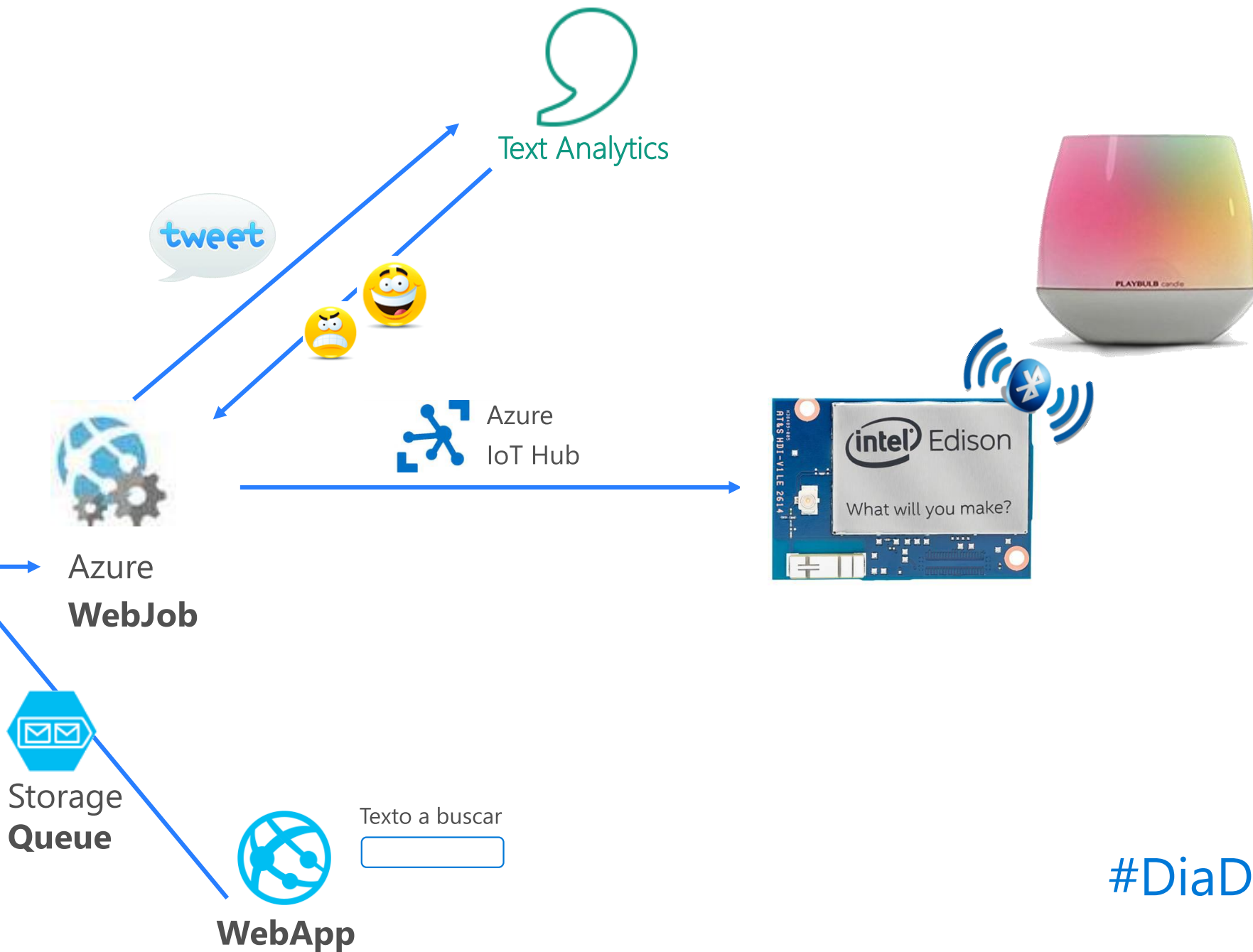
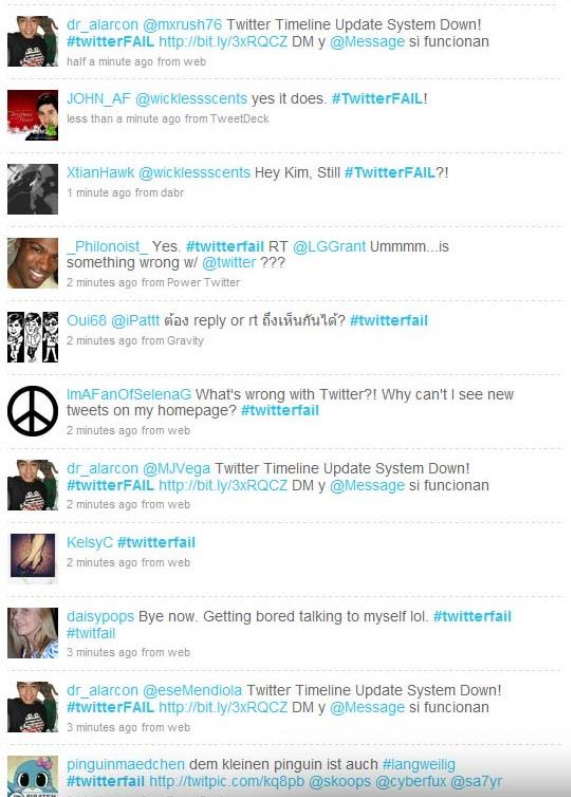
IoT Gateway SDK



<https://www.iothub.com.au/tag/open-source>

<https://azure.github.io/projects/sdks/>

#DiaD



Demo

¡Ya lo estás viendo!

#LoMioSonLasDemosLargas

#DiaD



[http://github.com/
isabelcabezasm/notwificador](http://github.com/isabelcabezasm/notwificador)

#DiaD

Yo



// D1dD

A hand is shown reaching out towards a digital interface. The background is a blurred image of a person's face. Overlaid on the image are various icons representing technology and communication: envelopes, speech bubbles, a laptop, a smartphone, a server rack, and a monitor. The text "Because.... we can!!" is written in a large, white, sans-serif font across the upper part of the hand.

Because....
we can!!

Gracias

Isabel Cabezas

@isabelcabezasm

#DiaD

¡¡Gracias!!

Isabel Cabezas - **Tech. Evangelist**
@isabelcabezasm

Juliet Moreiro - **Support Engineer**
@julietsvq



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