



Cloud First - 09 09 2014

David Gageot

Didier Girard





L'accès à de nouvelles ressources est difficile



[sf=ir]

Ok, je t'installe un serveur



[sf=ir]



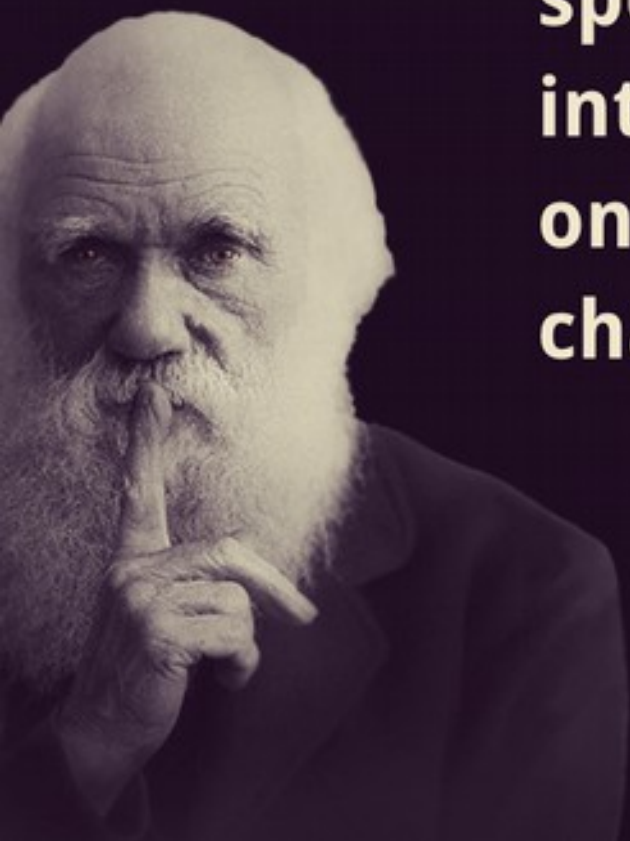
Le Cloud



[sf=ir]

**My Other Computer is a Data Center**

[sf=ir]



**It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is the most adaptable to change.**

- Charles Darwin -





**Non Classifiées, Confidentielles et secrètes**





# Données et territoire

[sf≡ir]



**Données et éthique**



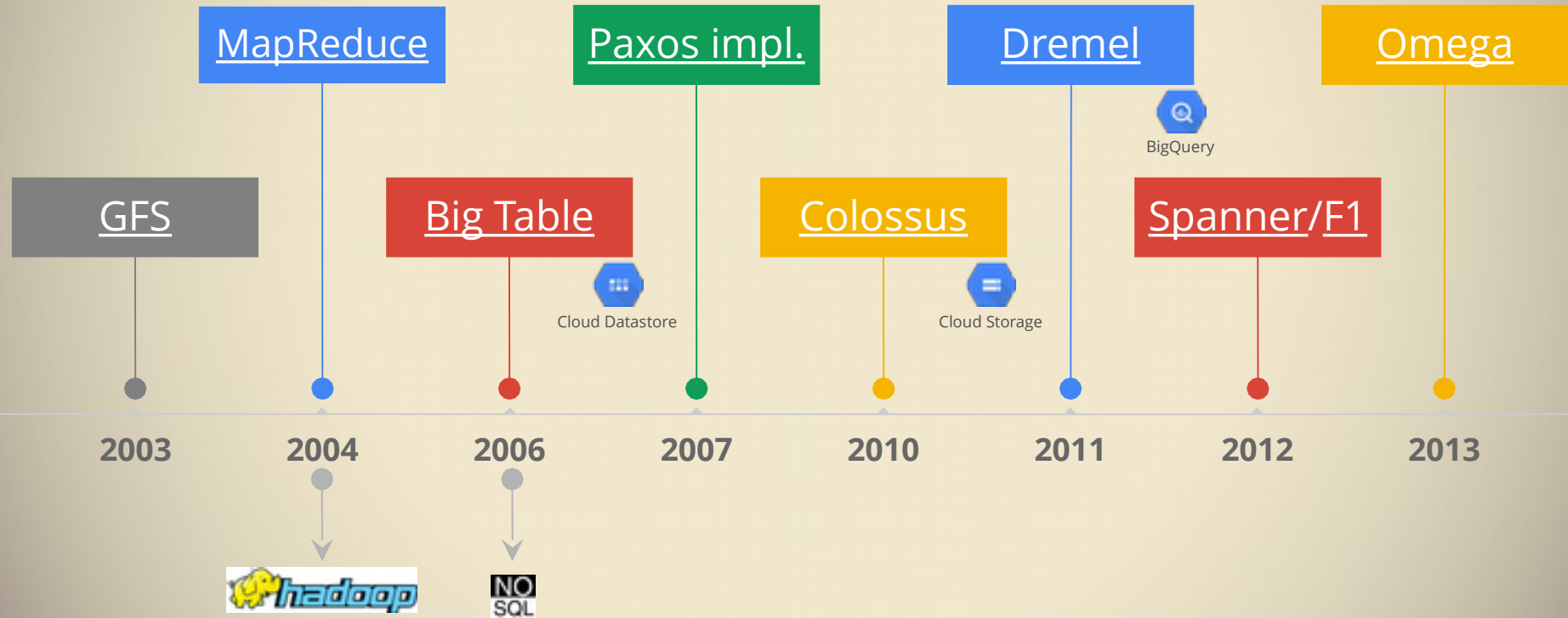


**Platform**

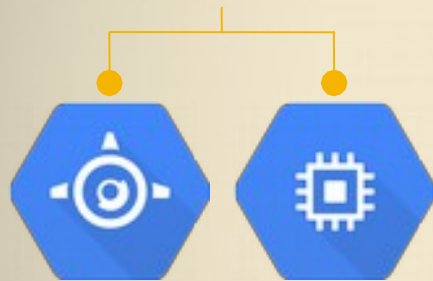


Google Cloud Platform





## Compute



App Engine

Compute Engine

## Storage

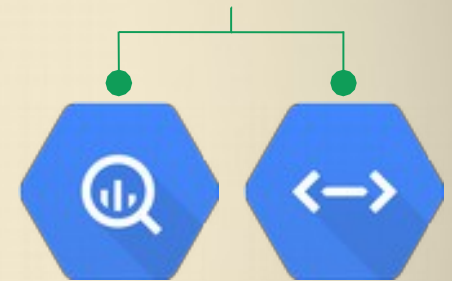


Cloud Storage

Cloud SQL

Cloud Datastore

## App Services



BigQuery

Cloud Endpoints



# Today: Cloud as a binary choice

## Flexibility

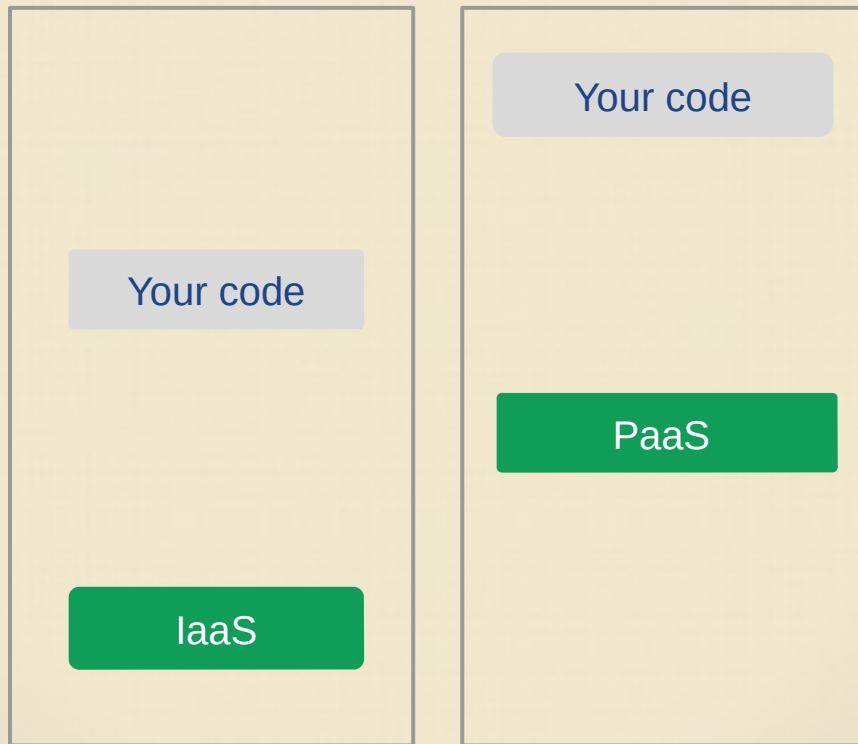
Your code

IaaS

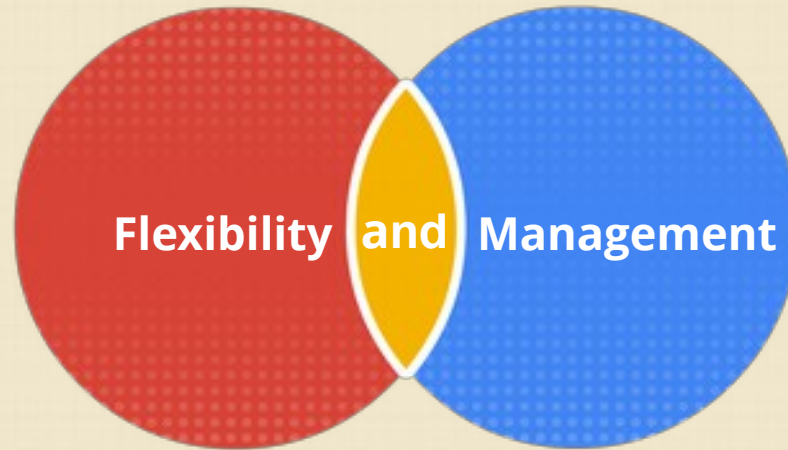
## Management

Your code

PaaS

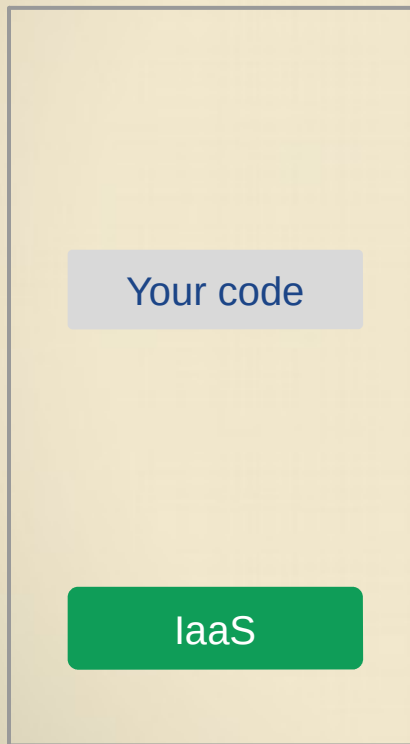


# Next Gen Cloud



# Future : Cloud as a full choice

## Flexibility



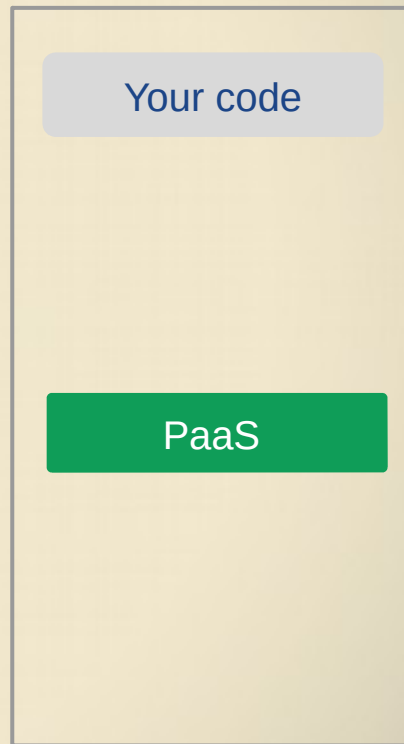
Your code

Managed VM

Your code

IaaS

## Management



Your code

PaaS



Once Upon a Time

Quelques histoires vraies

I  code

[sfair]



De 100000€ à 0€



[sf≡ir]



**Mobile First**



**Migrer pour économiser**



De 1 à 100





# Capex vs Opex



MINECRAFT



Personal Cloud

[sf≡ir]

M

T

W

T

F

**Sprint de 5 jours**

[sf=ir]

**Défier**





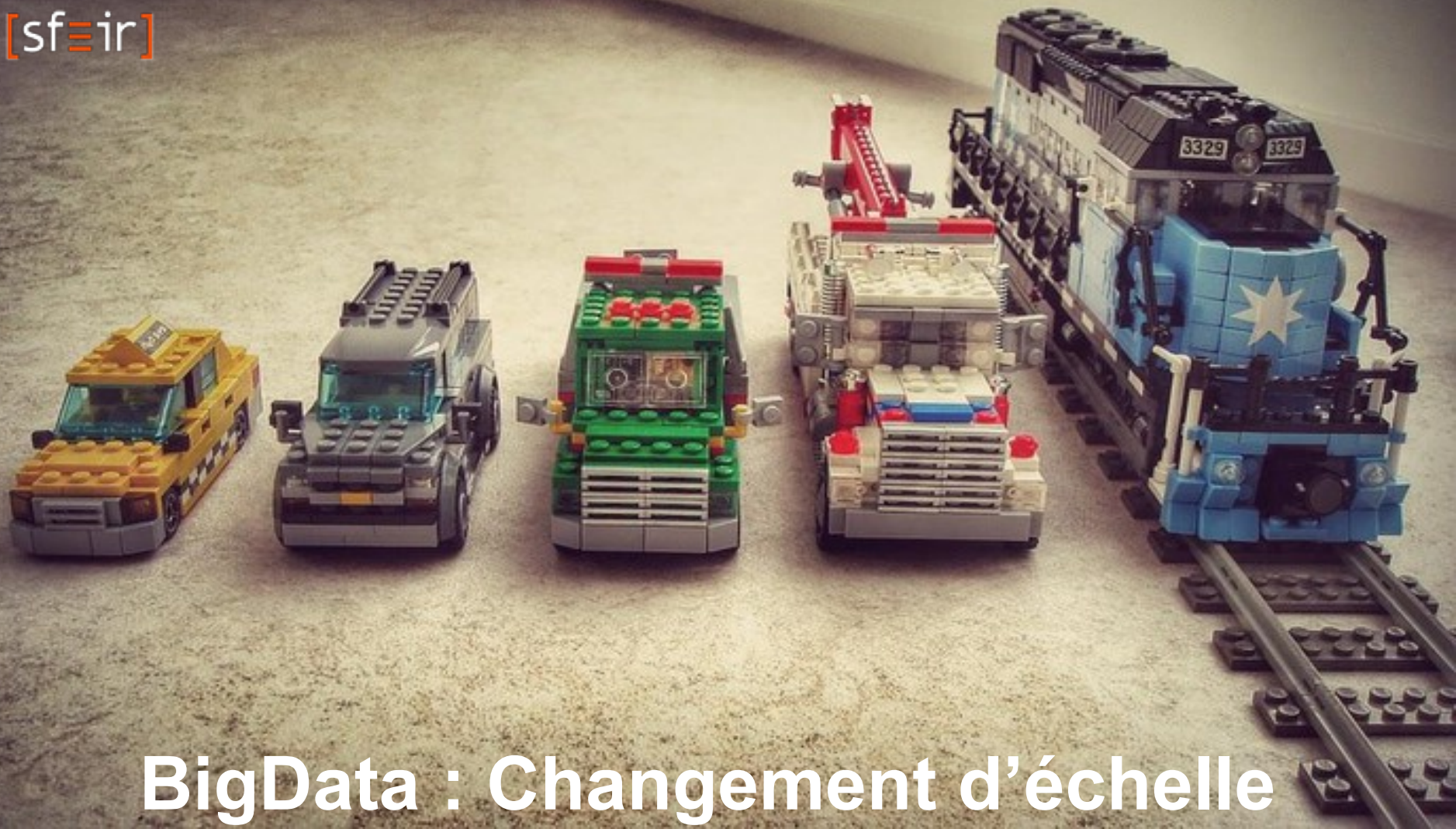
**Historiser 60 millions de tarifs/jour**

[sf=ir]

A man in a dark suit and striped tie is shown from the chest up, holding a set of keys in his right hand. The background is a bright blue sky with scattered white clouds. The overall image conveys a sense of authority and control.

**BigData : La clé du leadership**





**BigData : Changement d'échelle**



**Systeme relationnel**





# BigData : 2010

[sf=ir]

**BigData : 2015**

**Capter : Pub/Sub**

**Traiter : DataFlow**

**Stocker : BigQuery**

**Analyser : BigQuery**

**Restituer**



[sf=ir]

**BigData = Cloud**





# BigData : Illustration

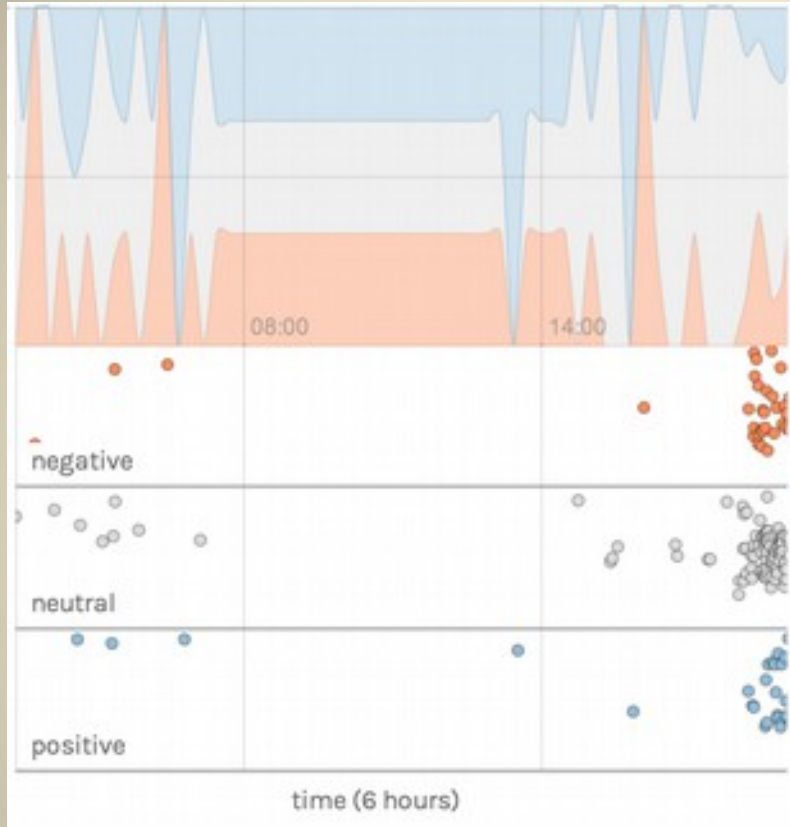


# Le défi

Analyser en temps  
réel des centaines  
de messages par  
seconde



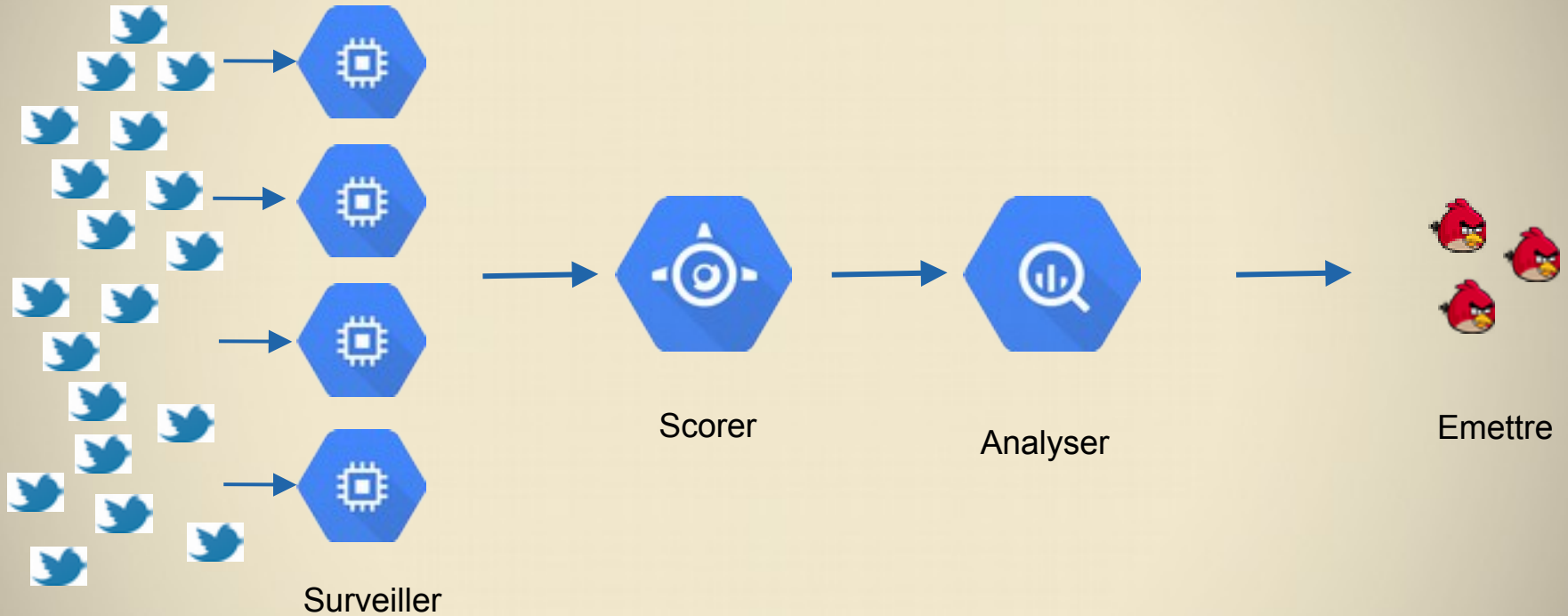
Sentiment Analysis : comprendre/émettre



Les community managers doivent pouvoir comprendre les tendances



# Architecture



[sf=ir]



**Cloud = Danger**

[sf≡ir]

A conceptual image where a paintbrush with a wooden handle is shown pouring a thick stream of vibrant green paint. The paint falls from the left side of the frame and spreads across a lush green field. In the background, a bright blue sky with scattered white clouds is visible, and a body of water reflects the sky. The overall scene suggests the act of painting or creating a new world or future.

**Inévitable : créer votre futur**