



# Psychology

## A New Kind of SIGDEV

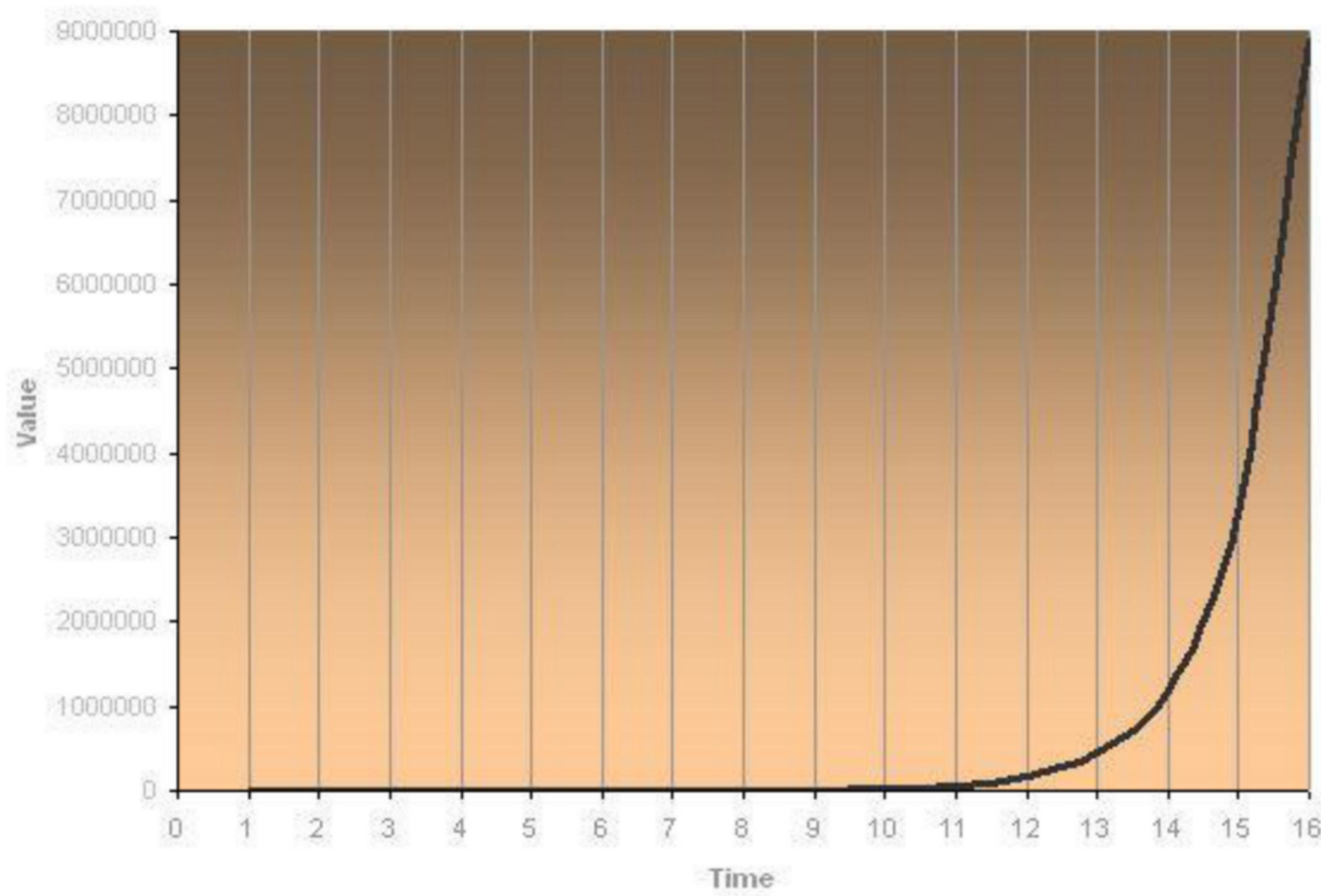
Establishing the Human Science Operations Cell

TOP SECRET//SI//REL TO USA, FVEY

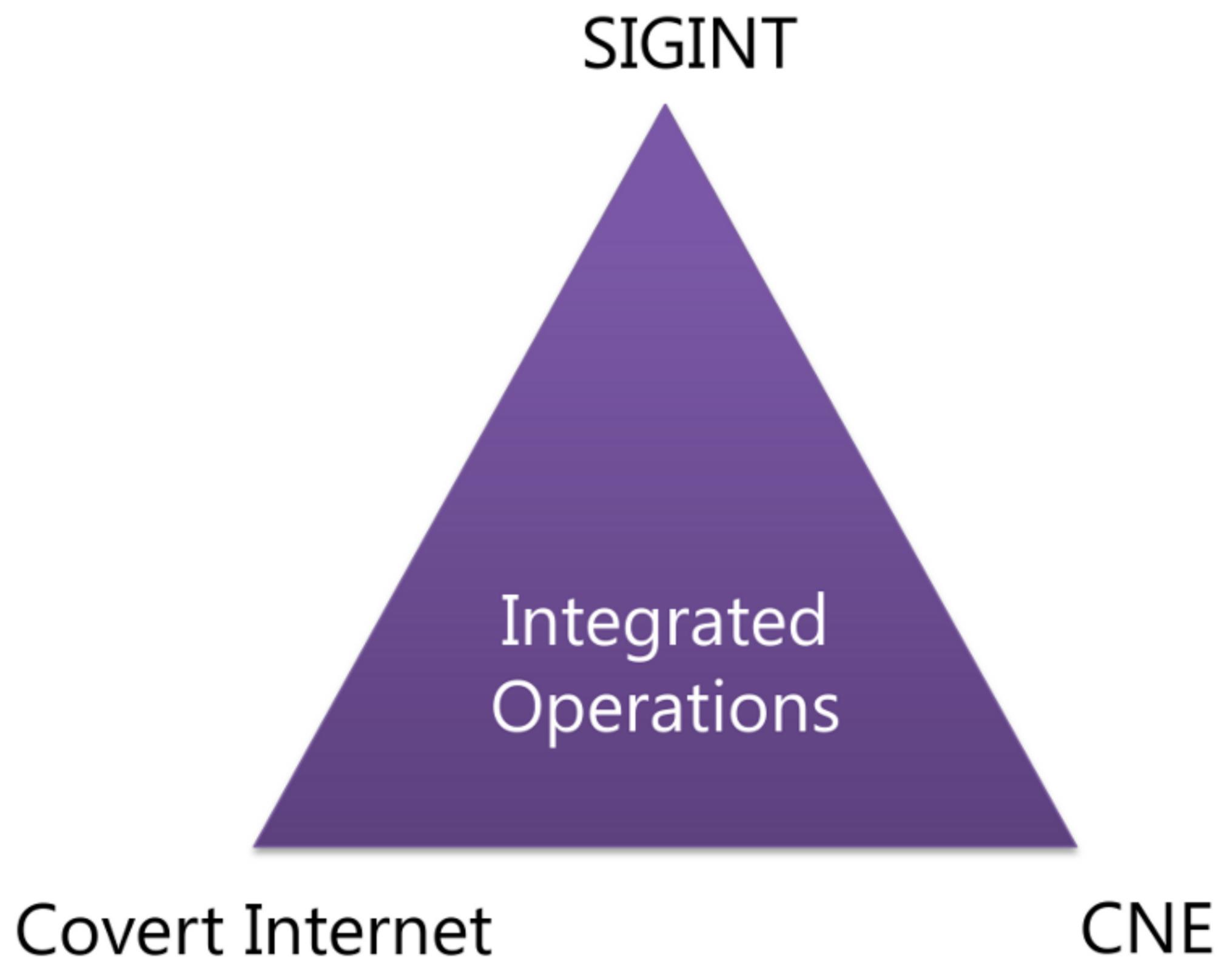


ASSOCIATED PRESS

TOP SECRET//SI//REL TO USA, FVEY



100bn



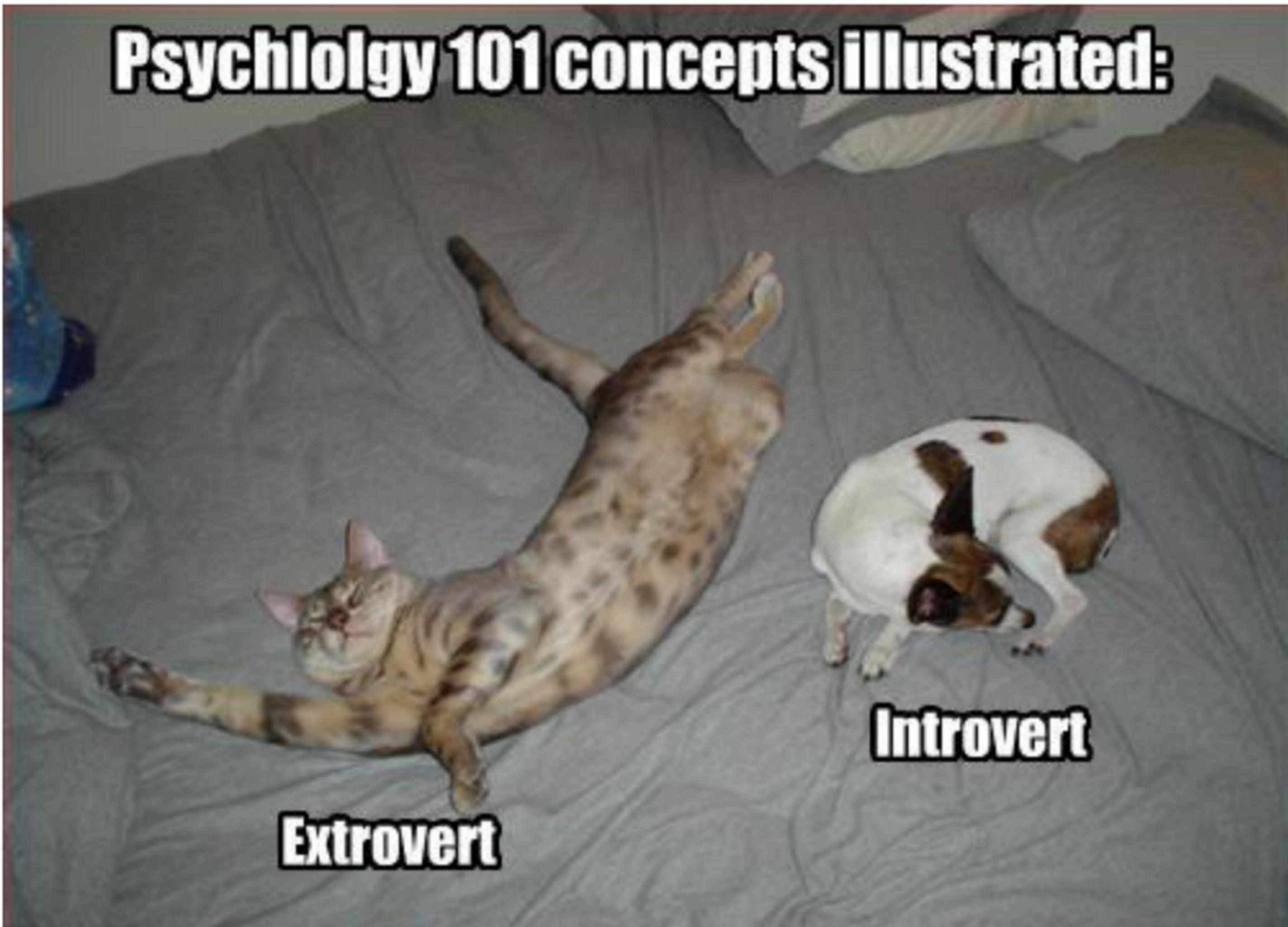


**JTRIG**

Online  
HUMINT

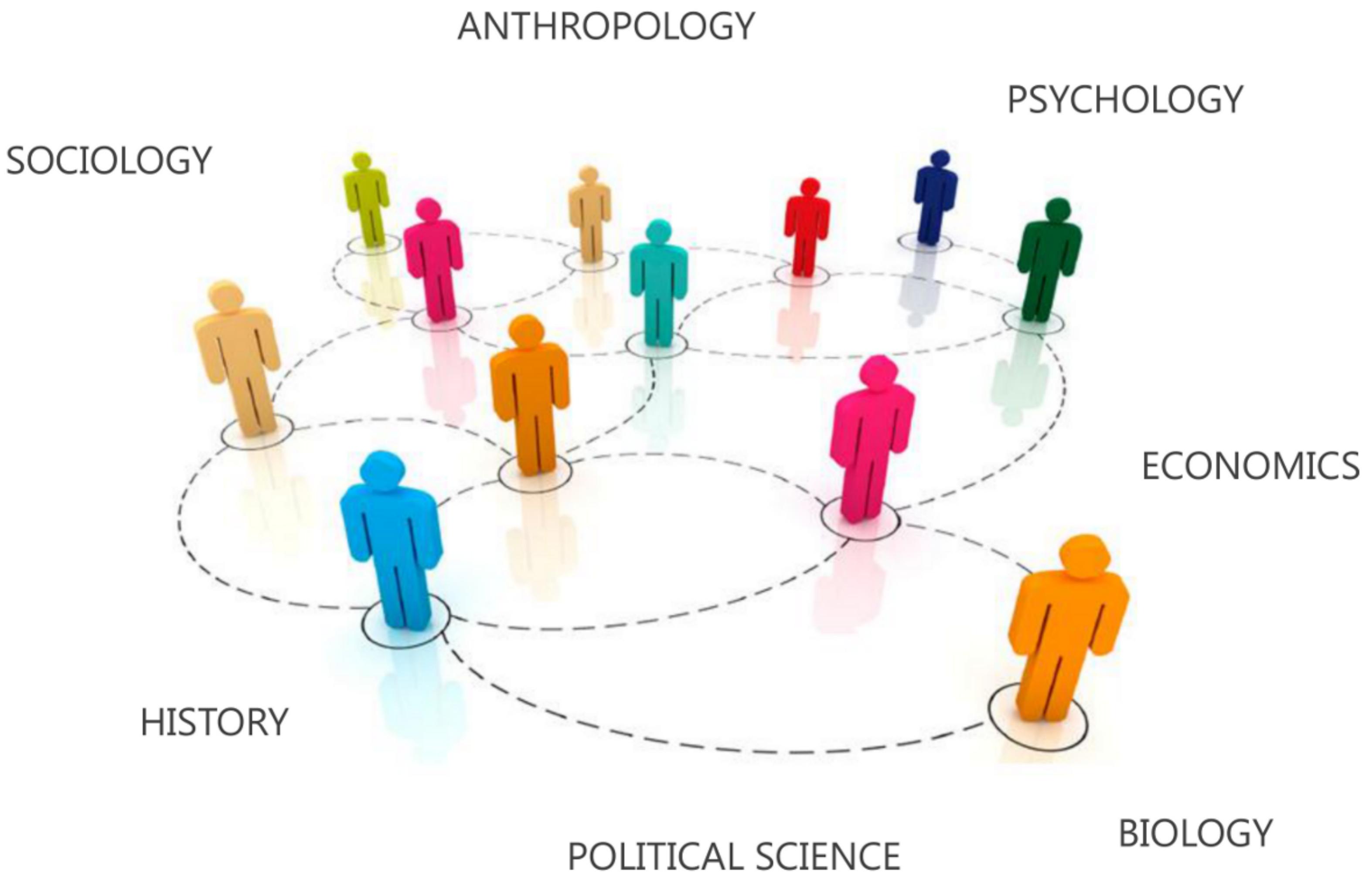
Strategic  
Influence

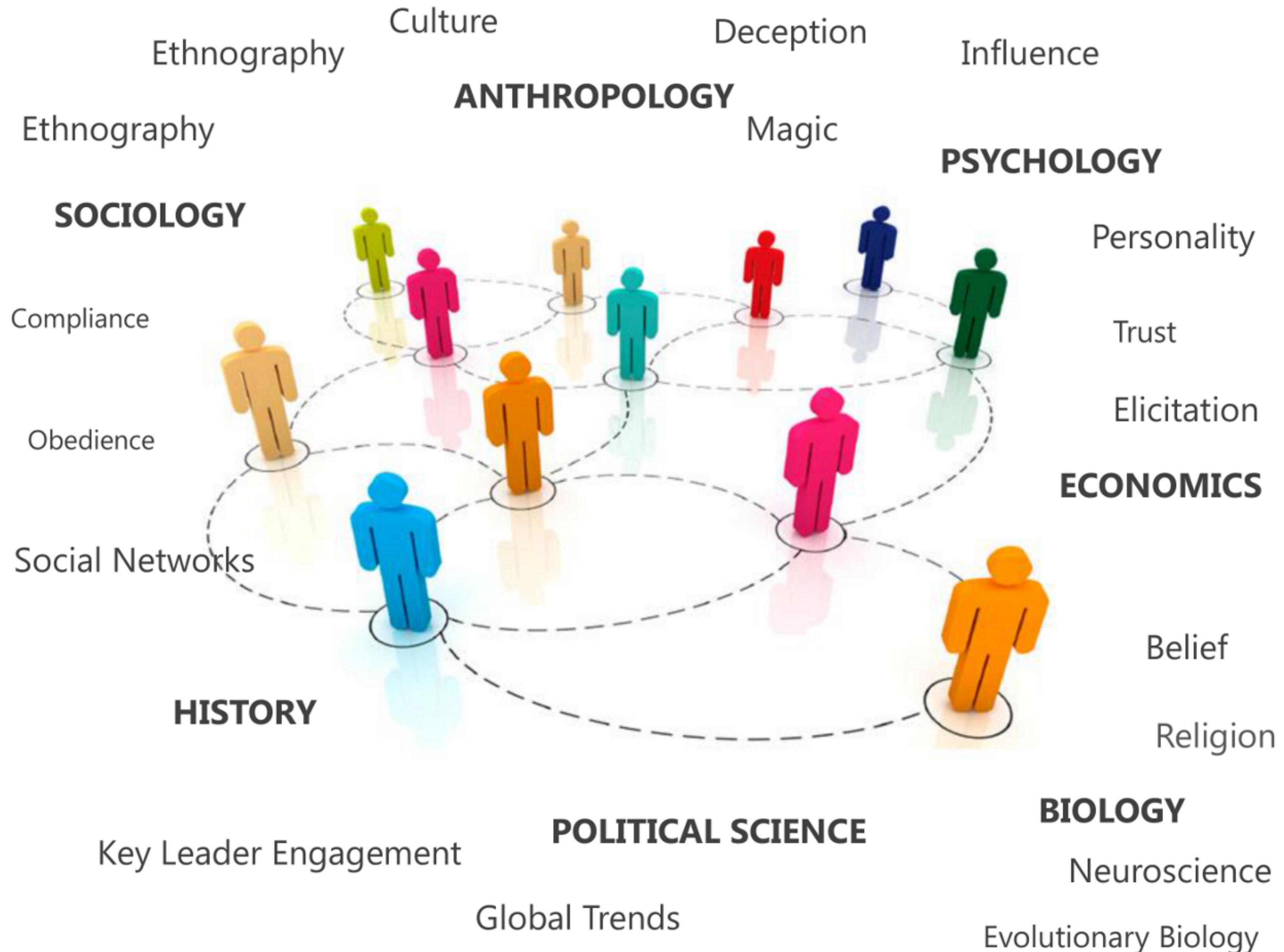
Disruption  
and CNA



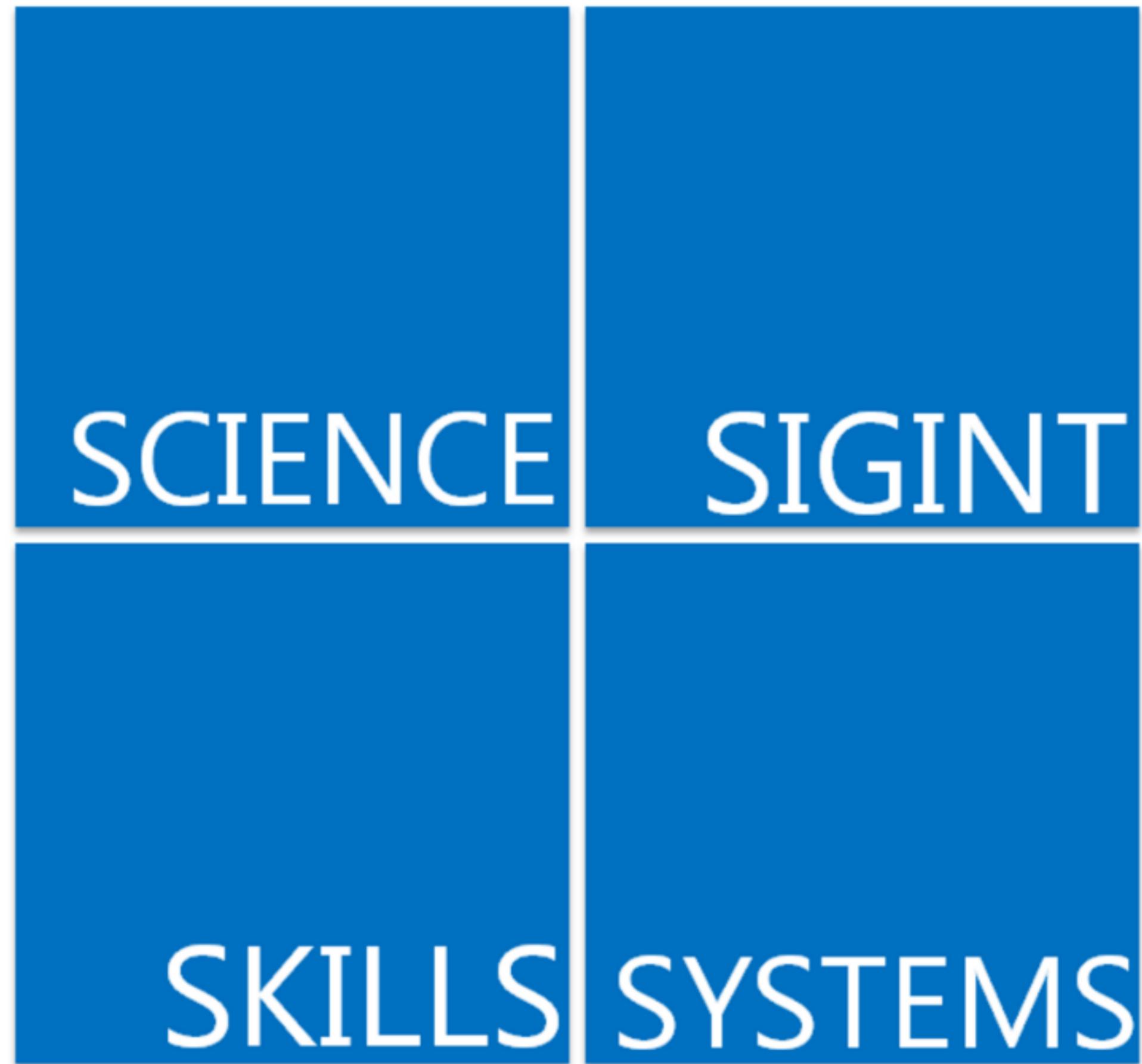


# Human Science?





S4



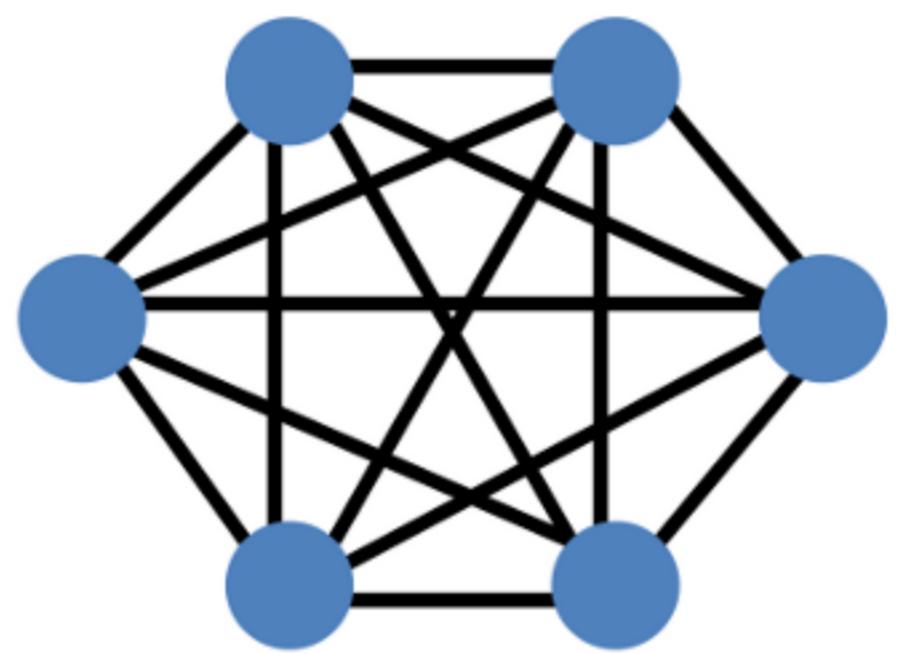




-Viktor-



Individuals

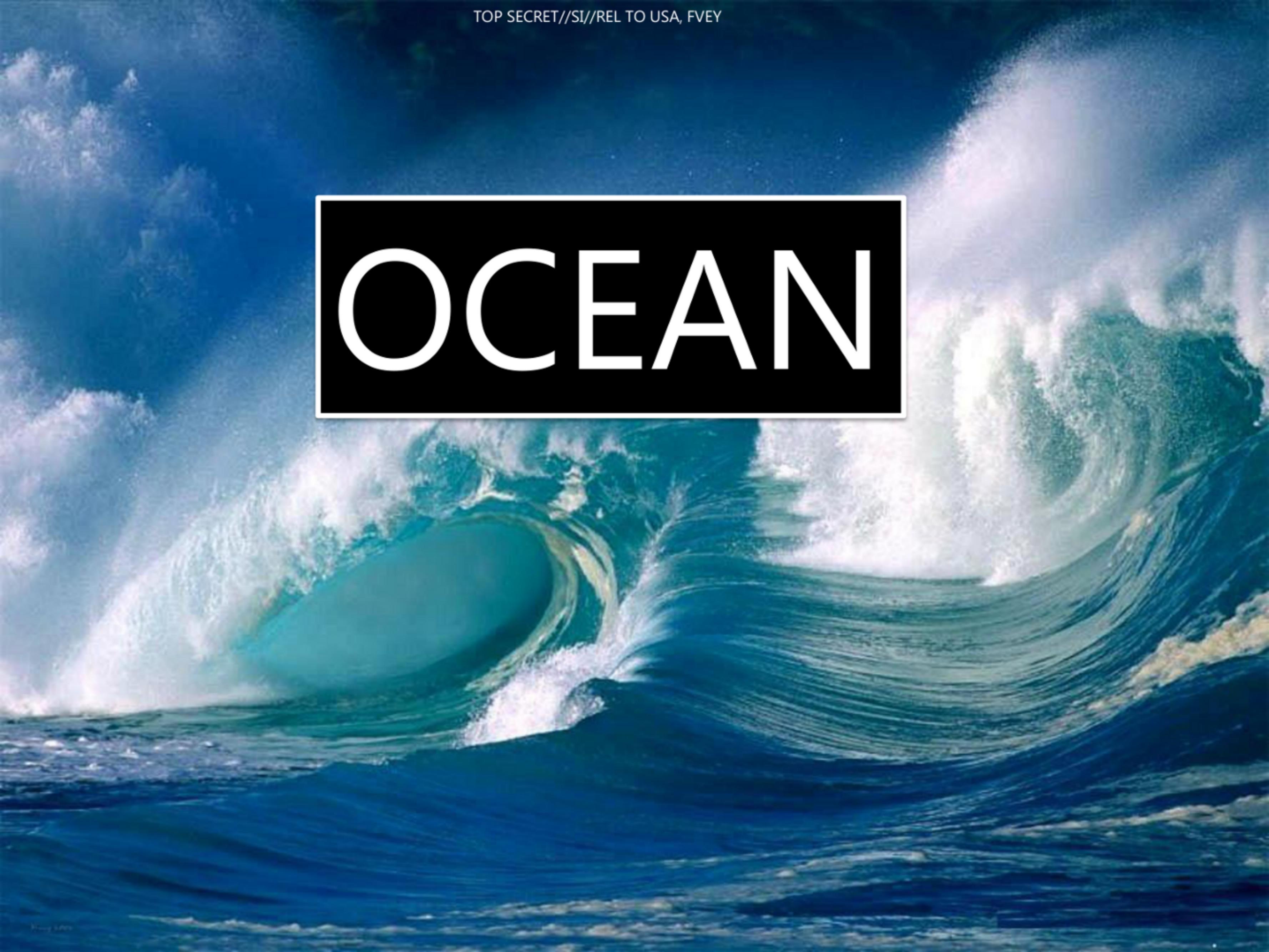


Groups



Socio-Cultural





OCEAN



OCEAN

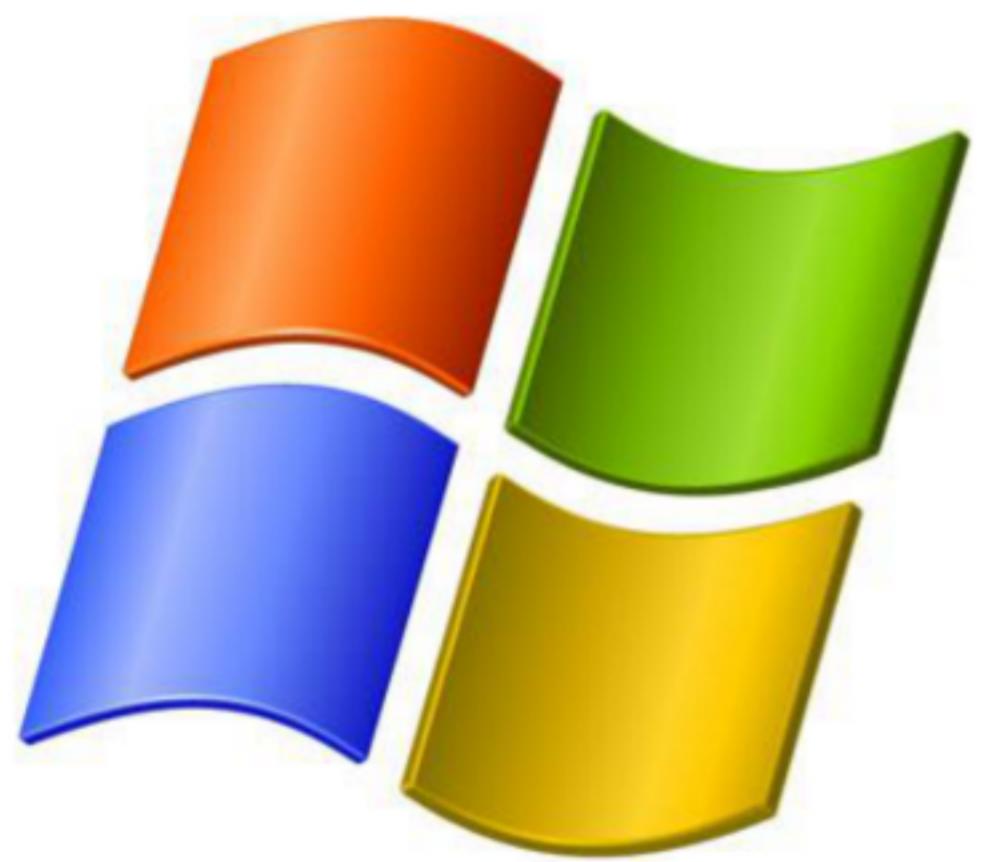
Openness

Contentiousness

Extroversion

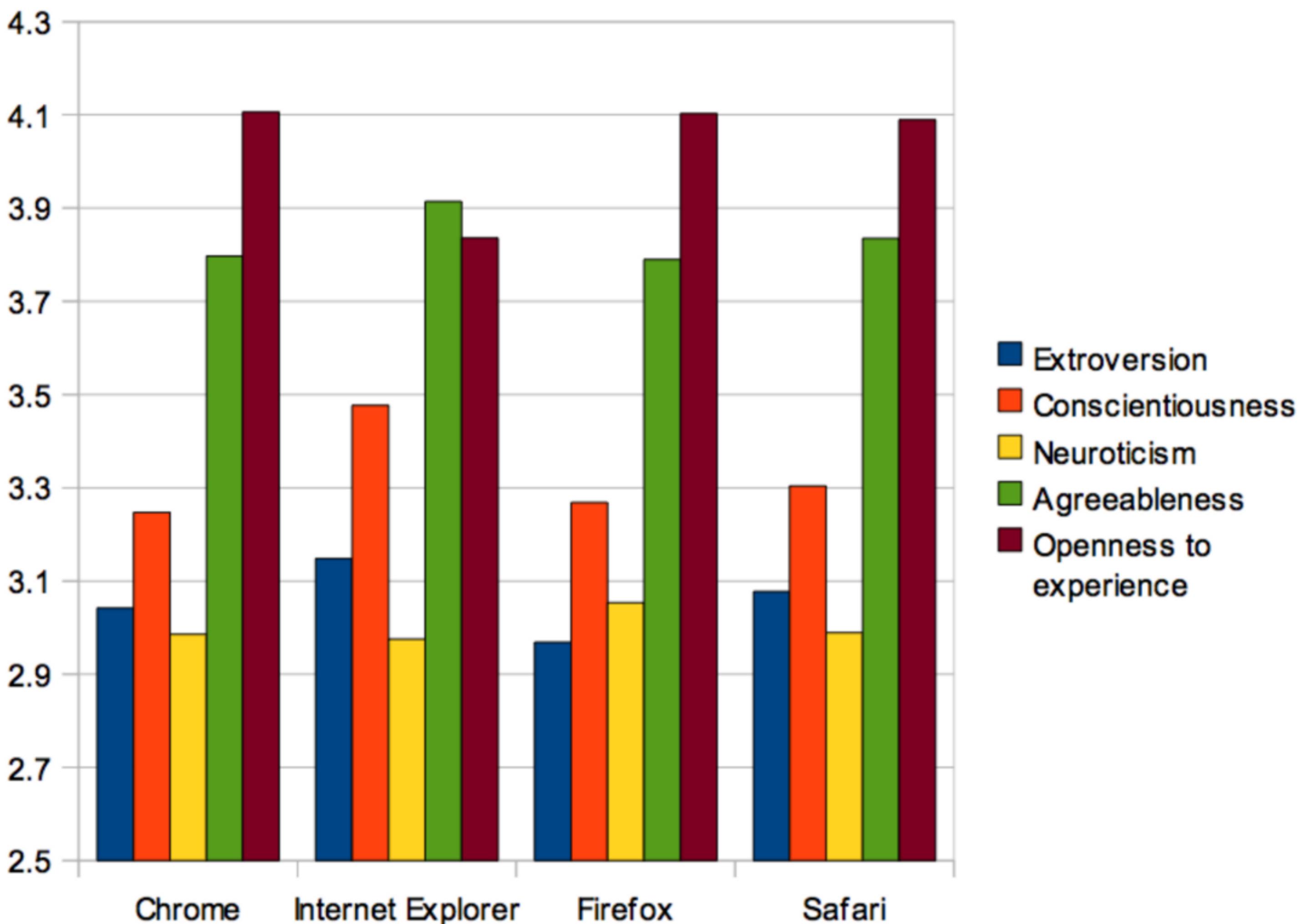
Agreeableness

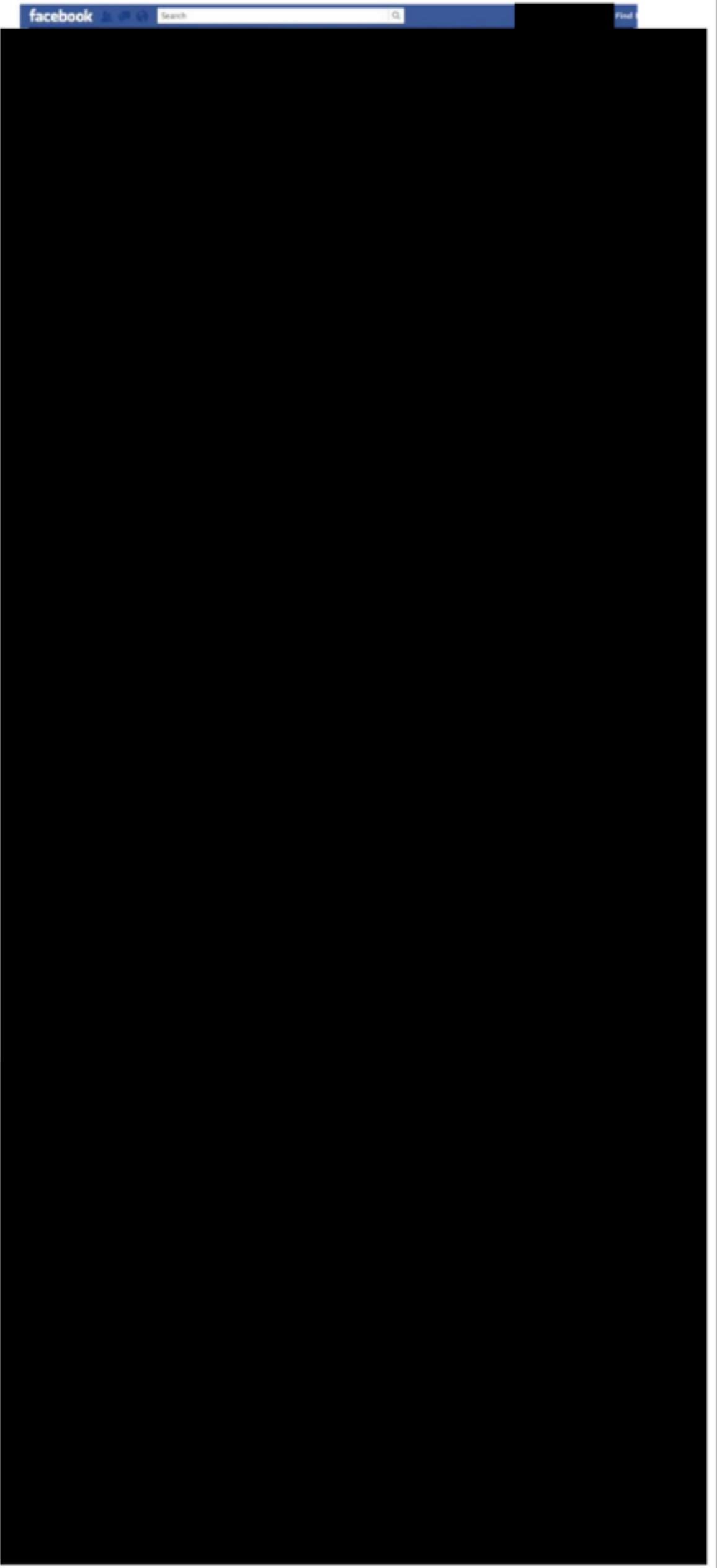
Neuroticism



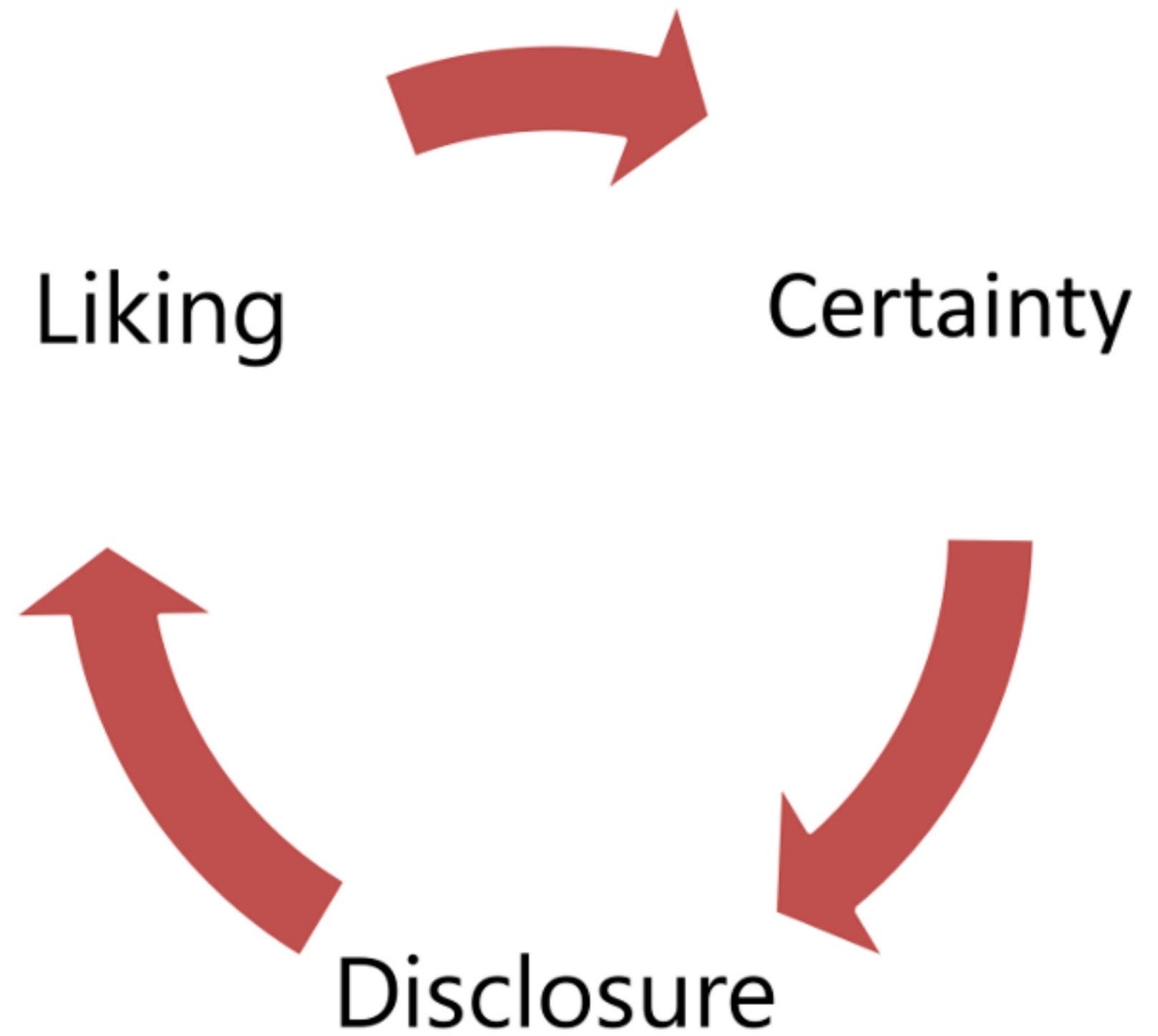
VS





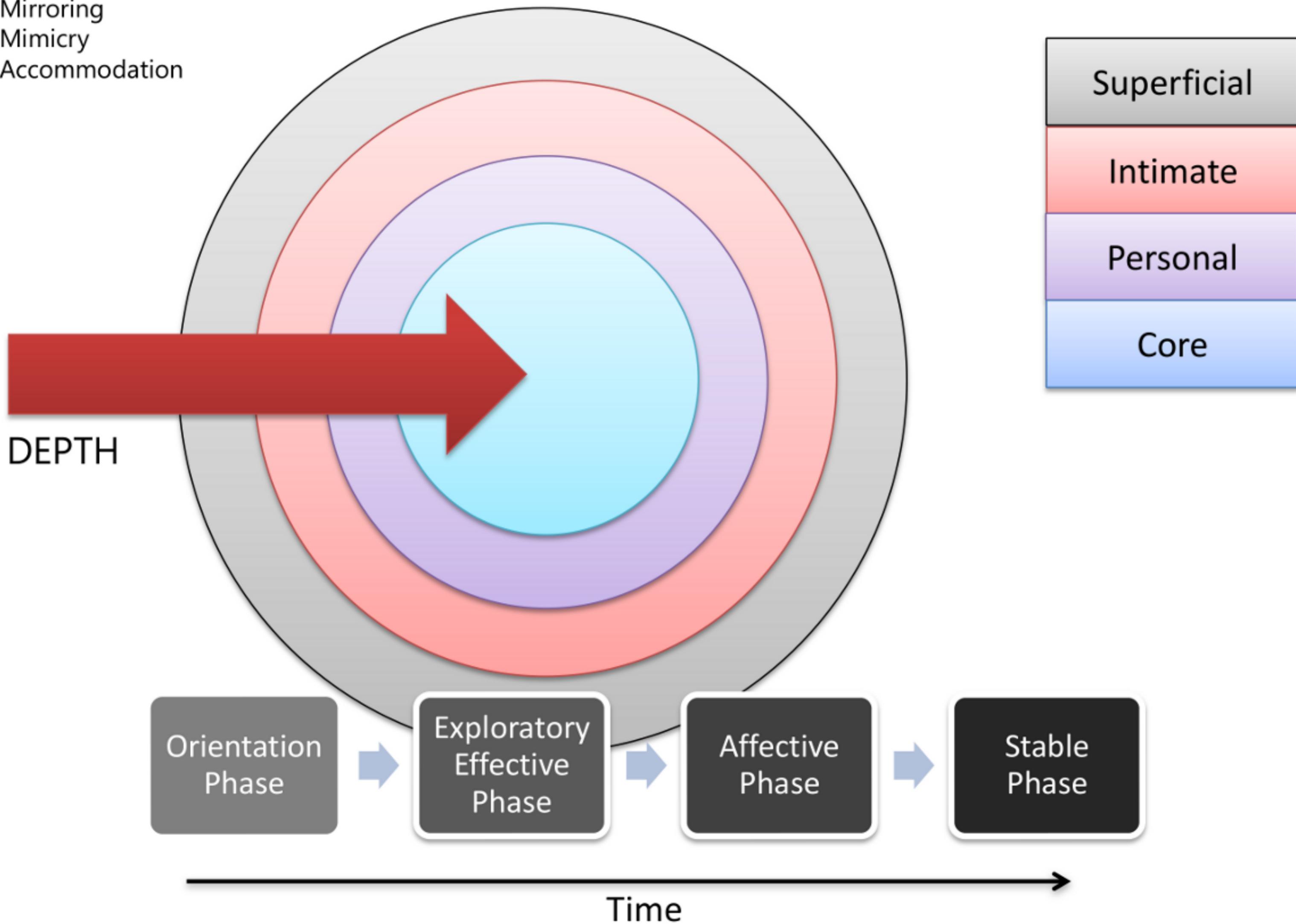


What  
can we  
tell?

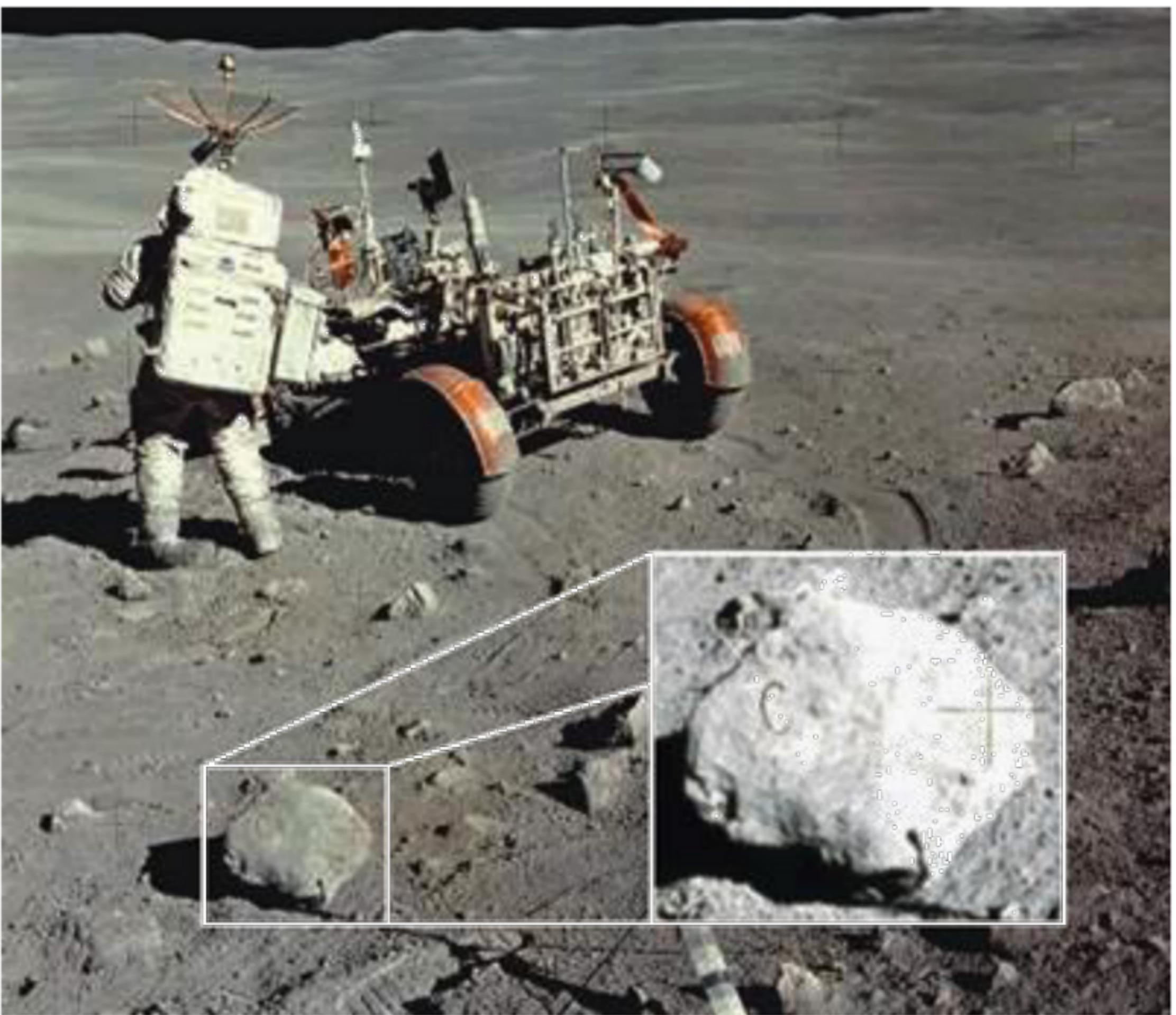


Facilitated through:

Mirroring  
Mimicry  
Accommodation

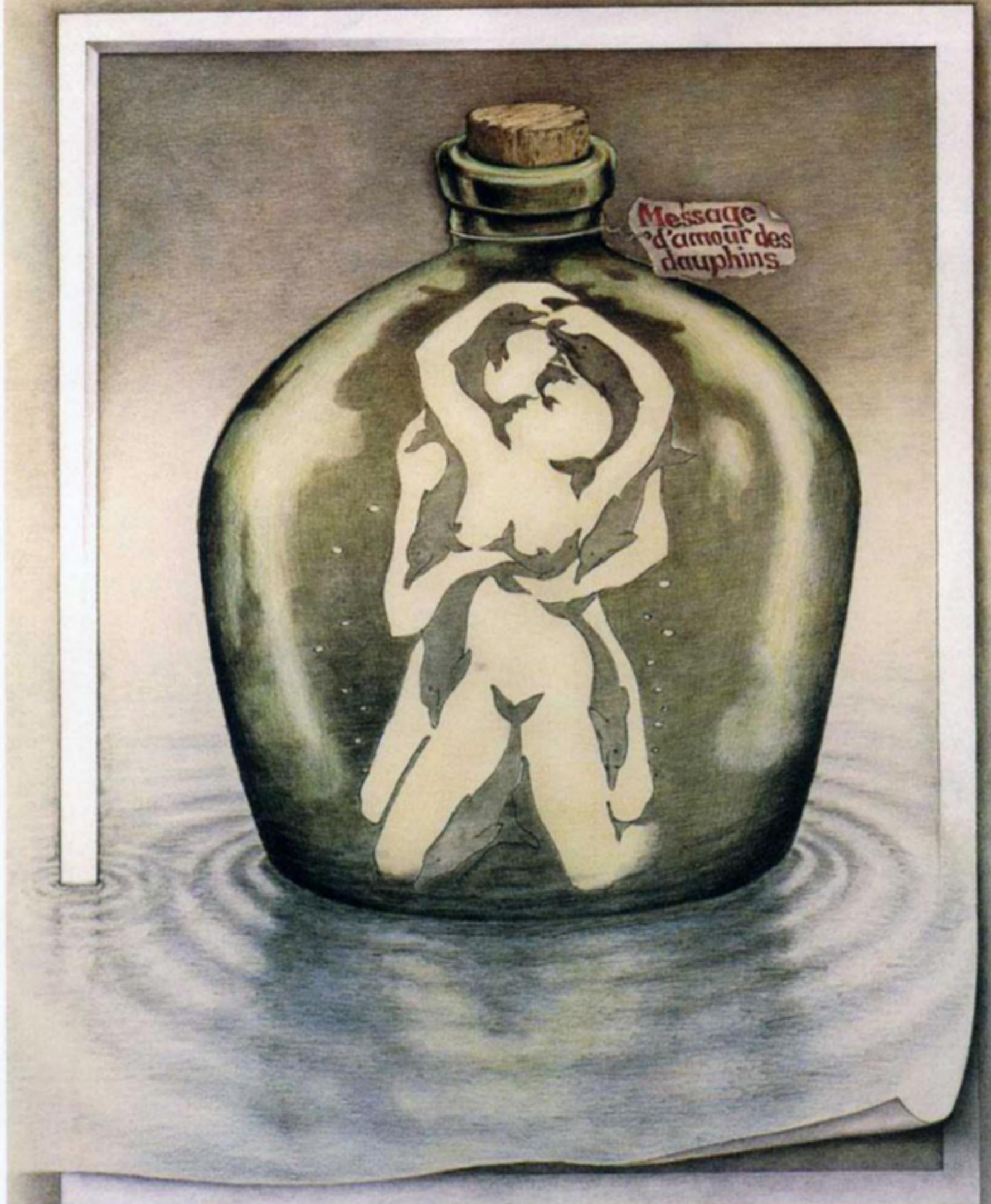


TOP SECRET//SI//REL TO USA, FVEY



TOP SECRET//SI//REL TO USA, FVEY

TOP SECRET//COMINT//REL



Liebesbotschaft der Delfineen II/8K handkoloriert Sandu Zec-Dek

TOP SECRET//SI//REL TO USA, FVEY



TOP SECRET//SI//REL TO USA, FVEY

# SQUEAKY DOLPHIN



Can SIGDEV help us understand and shape  
the Human Terrain?

# SQUEAKY DOLPHIN

Broad real-time monitoring of online activity of:

- YouTube Video Views
- URLs 'Liked' on Facebook
- Blogspot/Blogger Visits



# Job Vacancies in Lagos, Nigeria

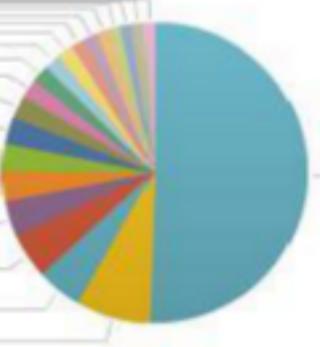
SQUEAKY DOLPHIN - City Activity | Actions ▾

Select a City

 **SQUEAKY DOLPHIN**  
Battle Damage Assessment Demonstrator - City Activity

**Facebook - Mo...ast 24 hours** refreshed: today at 14:37:57.

- http://w...hoonews
- http://w...m/yahoo
- http://m...esia.com
- http://so...go.com/
- http://w...pins.com
- http://w...9705119
- http://w...om/plaxo
- http://w...4457864
- http://w...cnet#reg
- http://w...w.co.uk/ SITEURL undefined
- http://w...ahooMail
- http://w...gnup.php
- http://w...ivescore
- http://w...5787784
- http://w...guardng
- http://w...duit.com
- http://badoo.com/

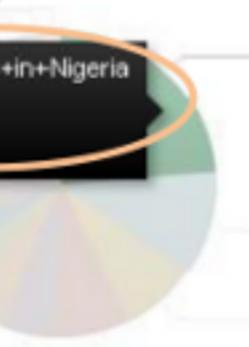


[View results](#)

**Blogger - Mos...ast 24 hours** refreshed: today at 14:37:57.

| Category     | Count  | Percentage |
|--------------|--------|------------|
| Blog Name    | 1      | 100%       |
| Total Views  | 88     | 88         |
| Total Views% | 25.66% | 25.66%     |

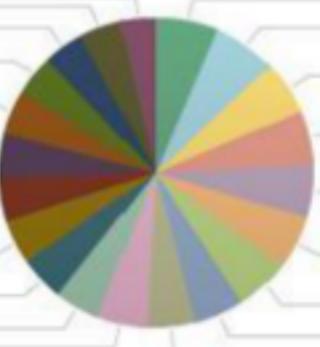
job+vacancies+in+Nigeria



[View results](#)

**YouTube - Most...past 24 hours** refreshed: today at 14:37:57

| Category     | Count | Percentage |
|--------------|-------|------------|
| vNqwEUIKXWJ0 | 1     | 100%       |
| olj_17c8d0k  | 1     | 100%       |
| FneUFvvXTKeg | 1     | 100%       |
| 4j0nQGP2M04  | 1     | 100%       |
| f9573kGBtuE  | 1     | 100%       |
| _JMDDpFYny8  | 1     | 100%       |
| Ob7vObnFUJc  | 1     | 100%       |
| HhoeewfikQu0 | 1     | 100%       |
| FHp2KgyQUFk  | 1     | 100%       |
| 1vRkonQeSe4  | 1     | 100%       |
| zSuPST80Ubw  | 1     | 100%       |



[View results](#)

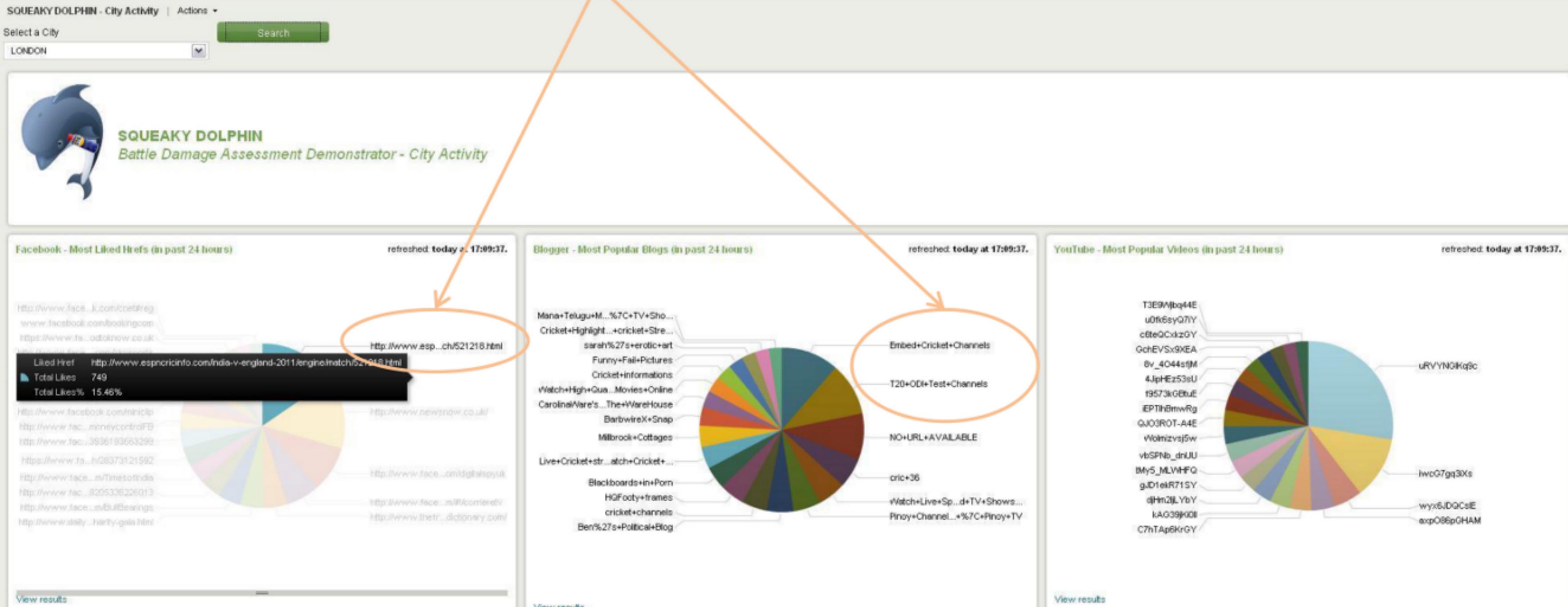
An orange arrow points from the "job+vacancies+in+Nigeria" entry in the Blogger section towards the "job+vacancies+in+Nigeria" entry in the Squeaky Dolphin header.

# Cricket Related Activities in London, England

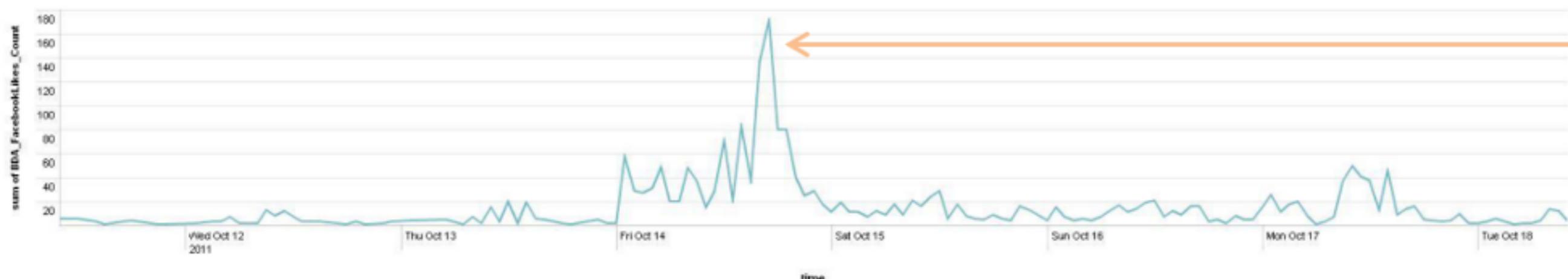
**Embed+Cricket+Channel**

**T20+ODI+Test+Channels**

**ESPN CricInfo India Vs England Page ‘Liked’**



Facebook Likes containing 'liam fox' for LONDON



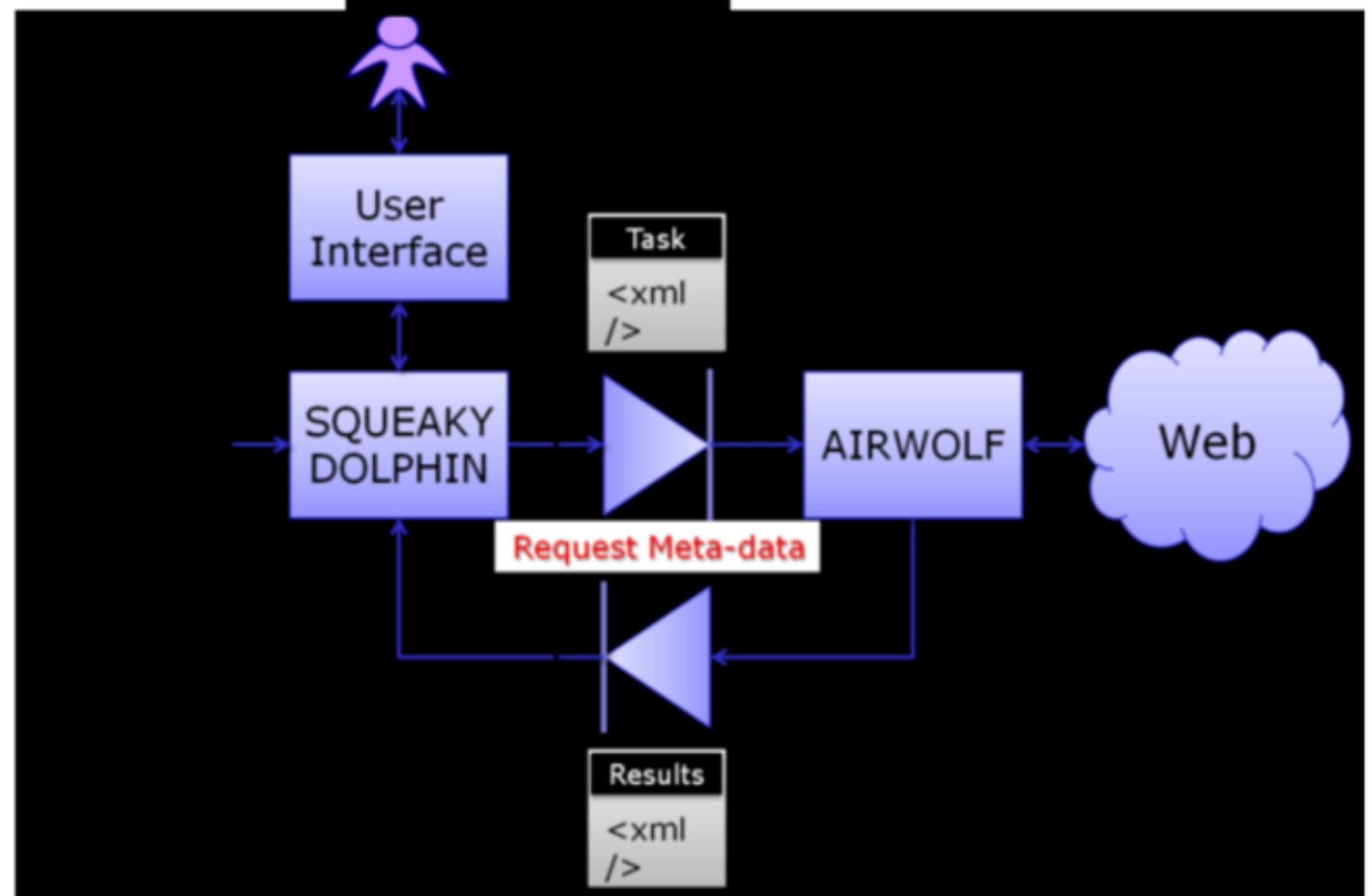
**‘Facebook’ Likes for URLs containing ‘liam fox’**

*So Passive gives us...  
Scalability.*



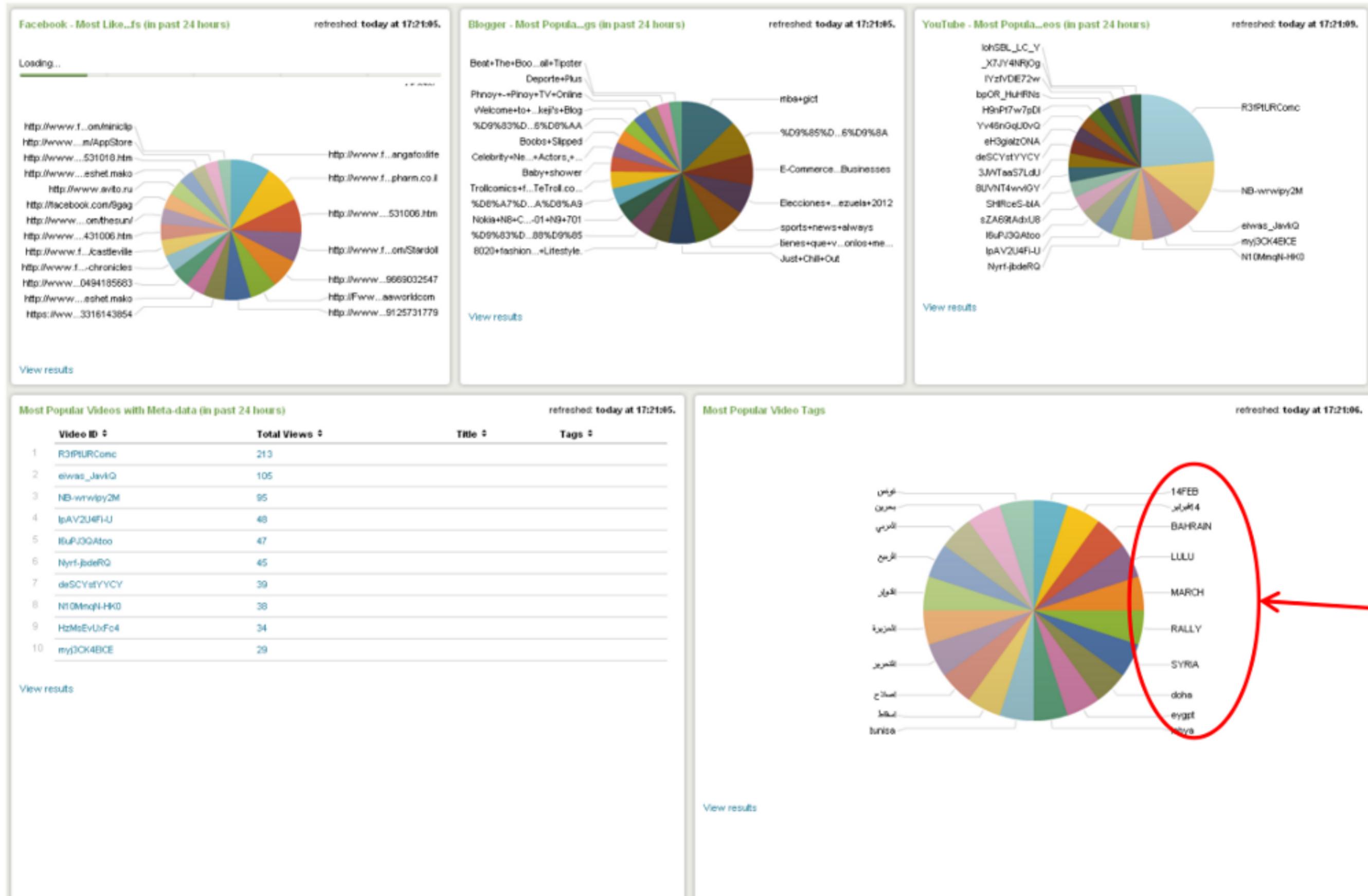
But, we don't have context!

Targeted  
enrichment  
is the  
solution.



# YouTube

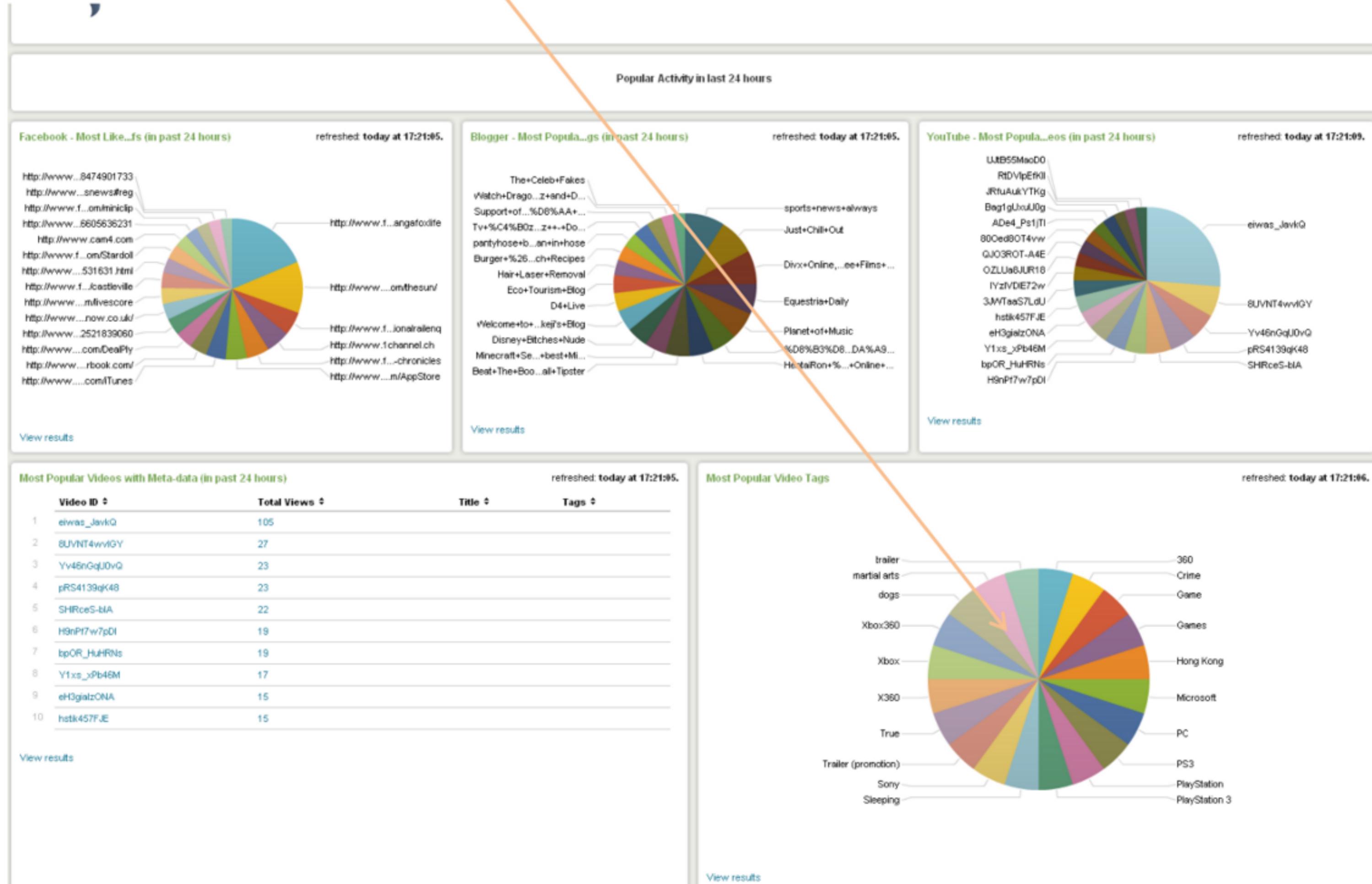
Across the world on 13<sup>th</sup> February 2012:  
the 14<sup>th</sup> Feb & Syrian Rally



YouTube  
Tags

**14FEB  
BAHRAIN  
MARCH  
RALLY**

# YouTube Game Trailer in London, England





Targeted website monitoring using  
passive.

Customised Piwik installation, and is  
integrated into GTEs passive capabilities.



**Dashboard**   [Visitors](#)   [Actions](#)   [Referrers](#)   [Goals](#)

Website: [wikileaks](#)

Date range: **2012-02-09** [Add a widget...](#) ▾  About Piwik 1.6

### Last visits graph

Visits

| Date       | Visits |
|------------|--------|
| Wed 11 Jan | 0      |
| Wed 18 Jan | 10     |
| Wed 25 Jan | 150    |
| Wed 1 Feb  | 10     |
| Wed 8 Feb  | 75     |

### List of Keywords

| Keyword   | Visits |
|---|--------|
| wikileaks                                       | 7      |
| (450) members@hotmail.com                       | 1      |
| email contacts 372 kadri@yahoo.com @hotmail.com | 1      |
| http://www.wikileaks.org/                       | 1      |
| maysan uxo                                      | 1      |

1-5 of 5

### Visitor countries (world map)

Visits

1-5 of 5

### Visitors in Real Time

| Date            | Visits | Pageviews |
|-----------------|--------|-----------|
| Last 24 hours   | 73     | 596       |
| Last 30 minutes | 0      | 0         |

Fri 10 Feb - 08:29:33 (16 min 43s) - IP: [REDACTED]  
from [Google](#) - "wikileaks" #3

Pages:

Fri 10 Feb - 07:48:18 (34s) - IP: [REDACTED]

Direct Entry

Pages:

Fri 10 Feb - 07:43:17 (3s) - IP: [REDACTED]

Direct Entry

Pages:

Fri 10 Feb - 07:23:03 (53s) - IP: [REDACTED]

Direct Entry

Pages:

### List of external Websites

| Website                        | Visits |
|--------------------------------|--------|
| fr.babelfish.yahoo.com         | 2      |
| fb.videochat.evgen.in          | 1      |
| m.facebook.com                 | 1      |
| webcache.googleusercontent.com | 1      |
| wikileaks.ch                   | 1      |
| www.plusnetwork.com            | 1      |
| www.wikileaks.ch               | 1      |
| zoonpolitikon2.blogspot.com    | 1      |

1-8 of 8

### Visitor browsers

| Browser               | Unique visitors |
|-----------------------|-----------------|
| Netscape 5.0          | 16              |
| Chrome 16.0           | 12              |
| Internet Explorer 8.0 | 8               |
| Safari 5.1            | 5               |
| Firefox 3.6           | 3               |

1-5 of 22 [Next >](#)

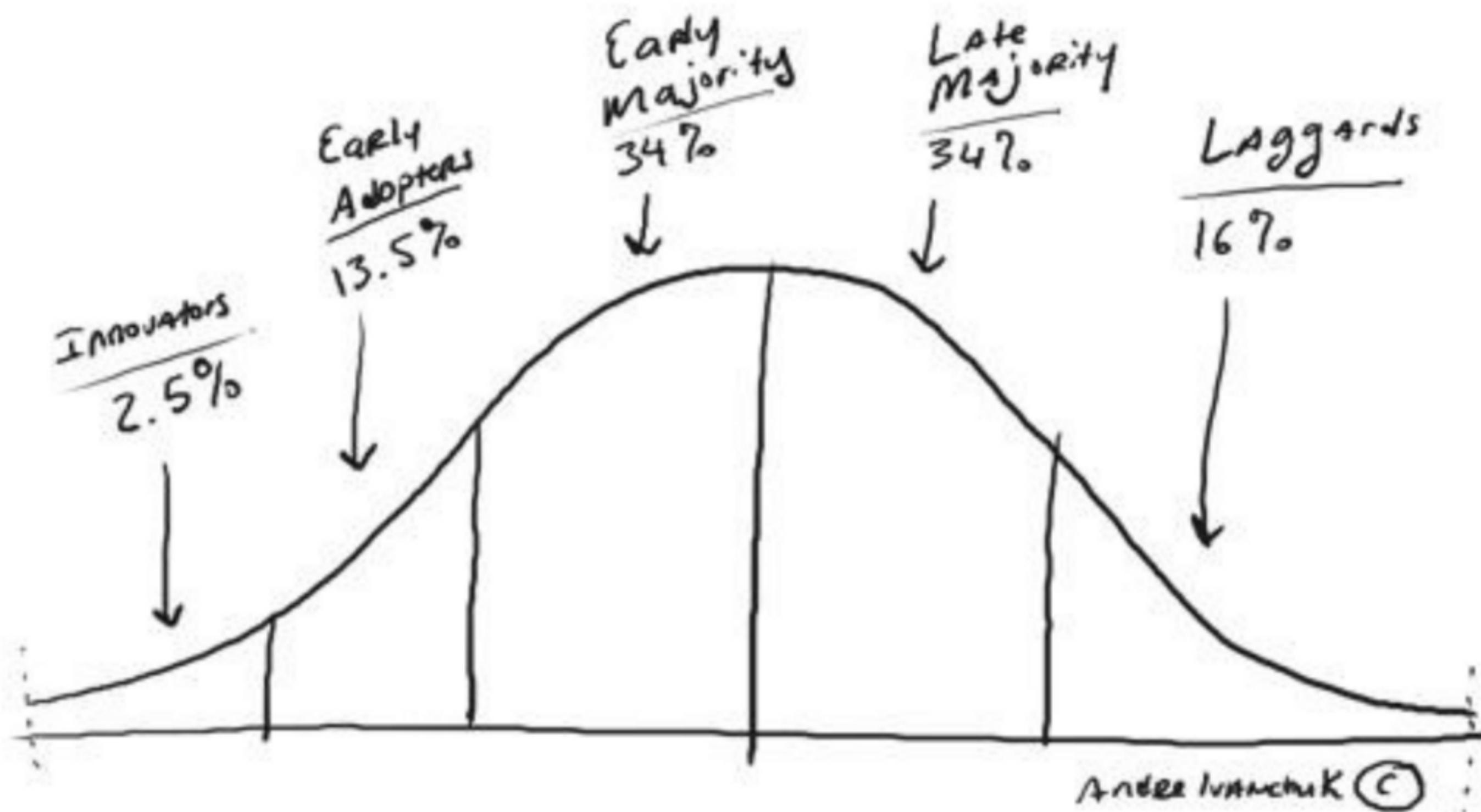
### Best search engines

| Search Engine | Visits |
|---------------|--------|
| Google        | 11     |

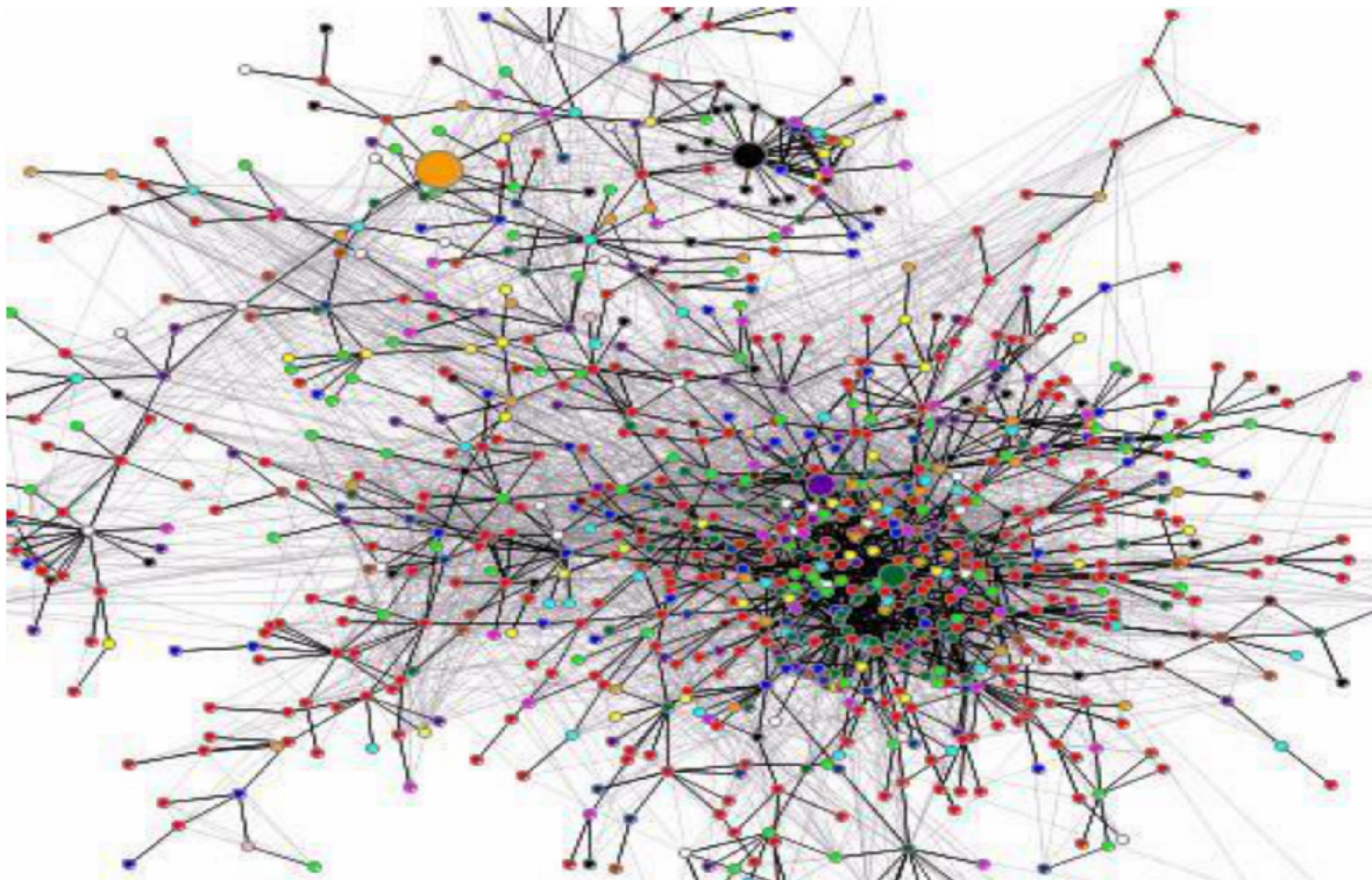
### Visits by server time

Visits

| Time     | Visits |
|----------|--------|
| 07:23:03 | 5      |
| 07:43:17 | 7      |
| 07:48:18 | 8      |
| 08:29:33 | 10     |



# HOLLOW POINT

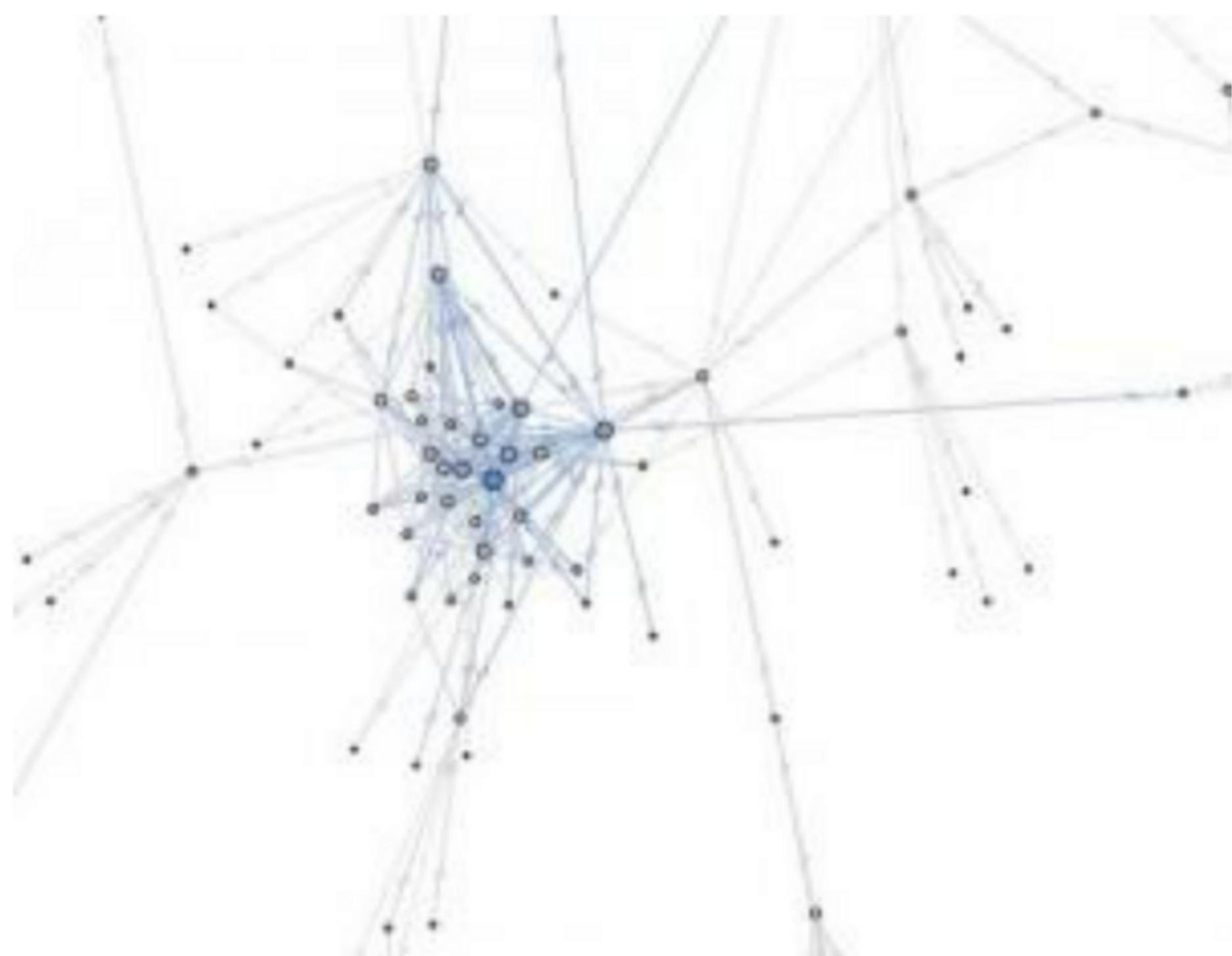


Optimising Influence

# NEWTONS CAT

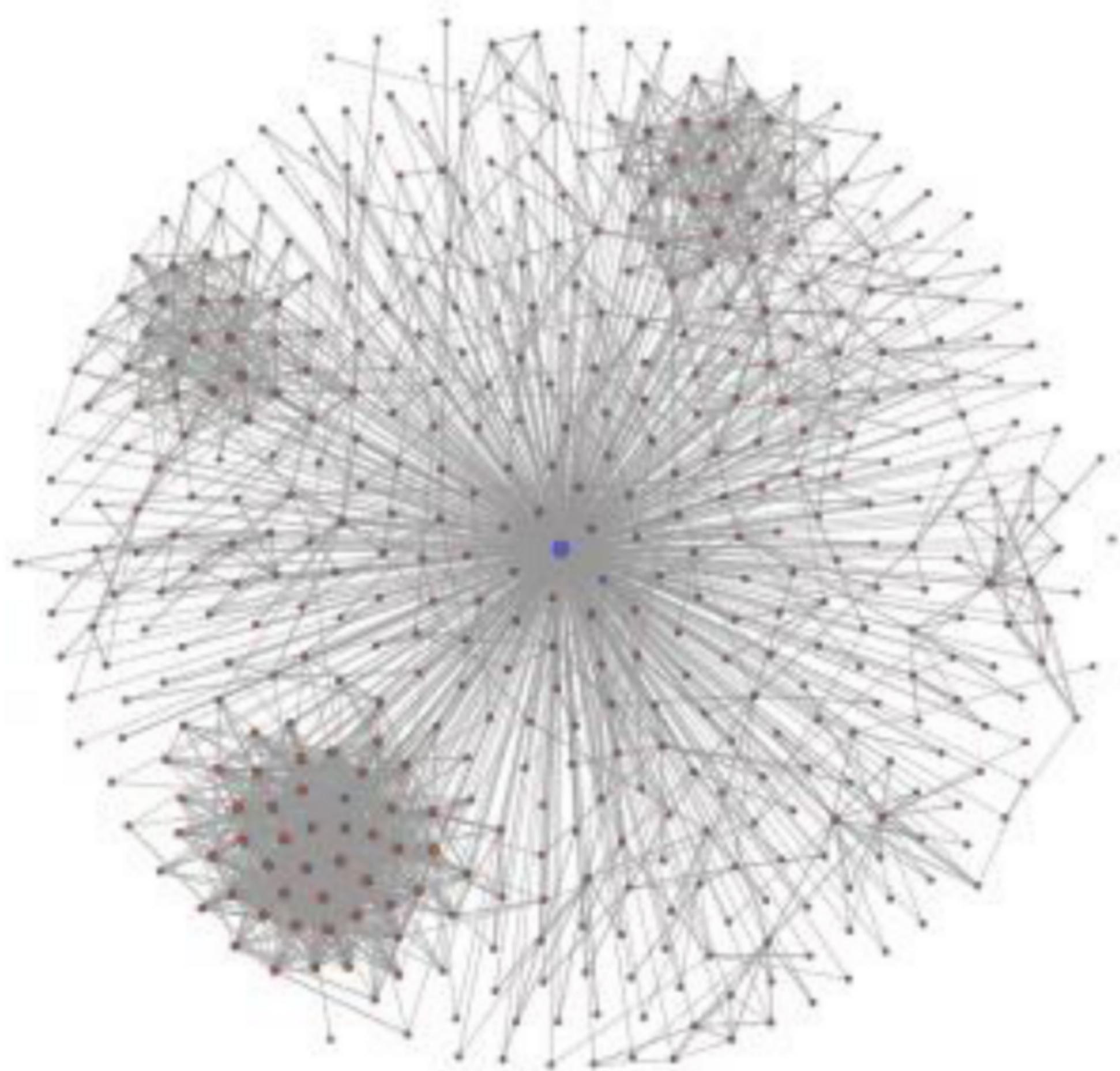


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TOP SECRET//SI//REL TO USA, FVEY

TOP SECRET//SI//REL TO USA, FVEY



TOP SECRET//SI//REL TO USA, FVEY



**JamesM Titus** James M Titus  
@Sysparatem Right on bro  
8 hours ago



**Sysparatem** Mike Parker  
RT @JamesM Titus: @Sysparatem Yeah, so true! you mean I  
should be suspicious of you? or that @btocops should be  
challenged?  
10 hours ago



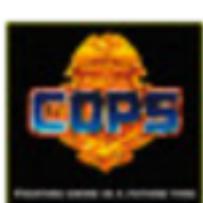
**JamesM Titus** James M Titus  
@Sysparatem Yeah, so true!  
10 hours ago



**Sysparatem** Mike Parker  
RT @btocops: @Sysparatem you might want to be suspcious  
about **JamesM Titus**>> what do you say @JamesM Titus ?  
11 hours ago



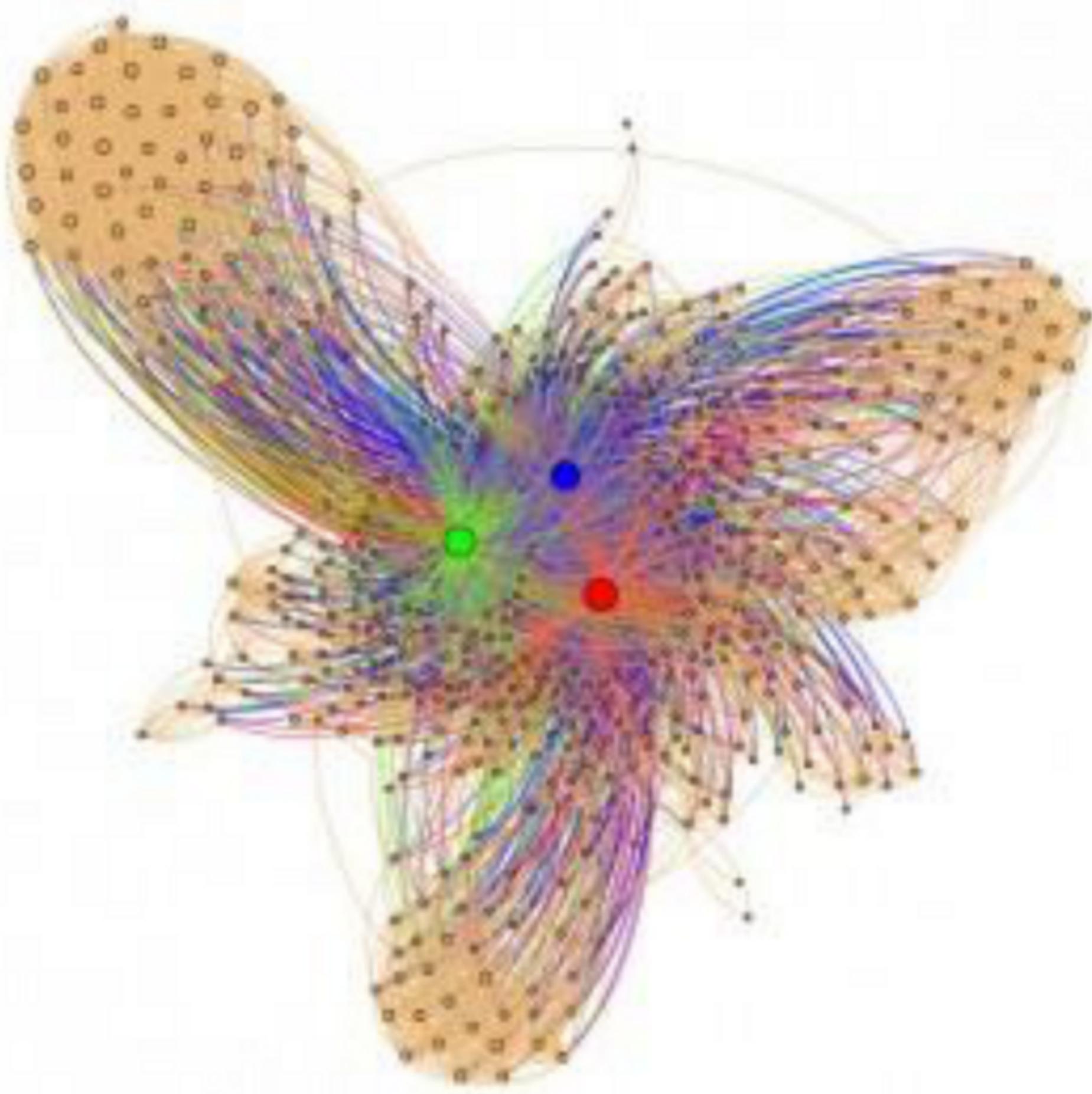
**Sysparatem** Mike Parker  
RT @btocops: @mstheay00 auto-alert: am monitoring for spam:  
@JamesM Titus  
11 hours ago



**botcops** Bulletproof  
@Sysparatem you might want to be suspcious about  
**JamesM Titus**  
12 hours ago



**botcops** Bulletproof  
@Sysparatem auto-alert: am monitoring for spam: **JamesM Titus**  
5 Feb



Influence @ Scale

# Fire Ant

Open Source Visualisation

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From: May 2012 to: May 2012 [Play](#)



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-  IRAQ
-  CHINA
-  CIVILIANS
- DEATHS
-  IRAN
-  PAKISTAN
- PROPERTY LOSS
- REPORT SOURCE
- RIOTS

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2. By filling this form

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[REDACTED]  
Head of Human Sciences - HSOC  
[REDACTED]



[REDACTED]  
Capability Developer - GTE  
[REDACTED]