

Internet of Subjects



identity construction in a digitally extended world



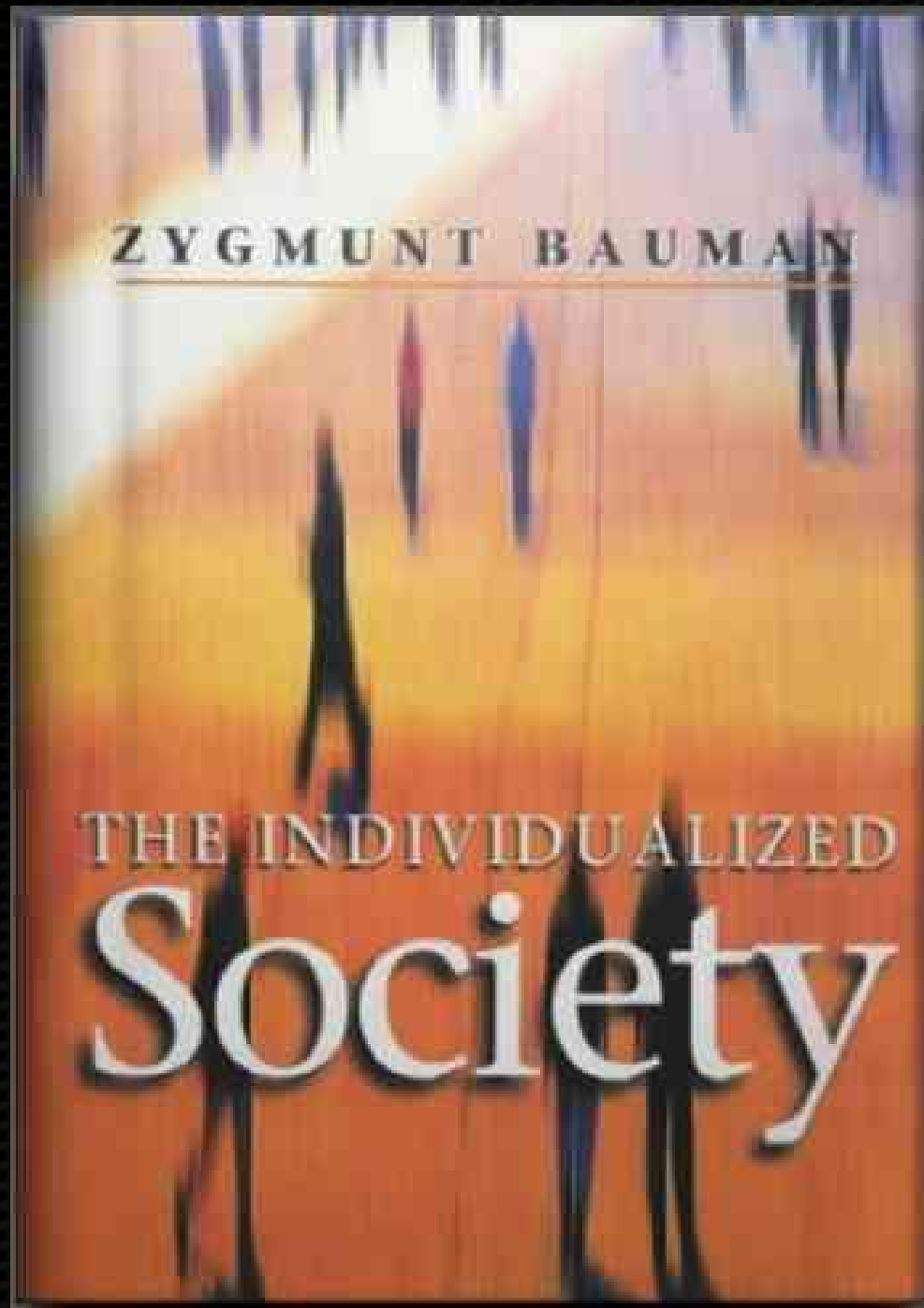
9ème Forum eCulture - 8 sept 2010

journée de formation interactive sur l'Internet et la culture numérique



elPdernt fctlyo





“The overwhelming feelings of crisis (in education), of ‘living at the crossroads’, ...have little to do with the faults, errors or negligence of the professional pedagogues or the failures of educational theory, but quite a lot to do with the de-regulation and privatization of the system, the polyphony of value messages and the ensuring fragmentation of life... Beyond all this slicing and spicing, one can sense the crumbling of time. (Crisis) plays havoc with all the rules ... the fragmentary life is lived in fragmentary time.

Zygmunt Bauman, The Individualized Society, 2001

ÉCHAPPEE
Littérature

Jean-Claude Kaufmann

L'invention de soi

Une théorie de l'identité



Pluriel

“[...] Most research on identity question the past or the present ("Where are you from?" and "Who are you?") while the concern with identity is actually closely related to the invention of self. Ordinary dreams prepare the future, including the immediate future. The self-concept is an instrument of action and change.”

Future

PORTFOLIO

PORTFOLIO

Telling stories

Past

Traces

Archives

narration
innovation.

External

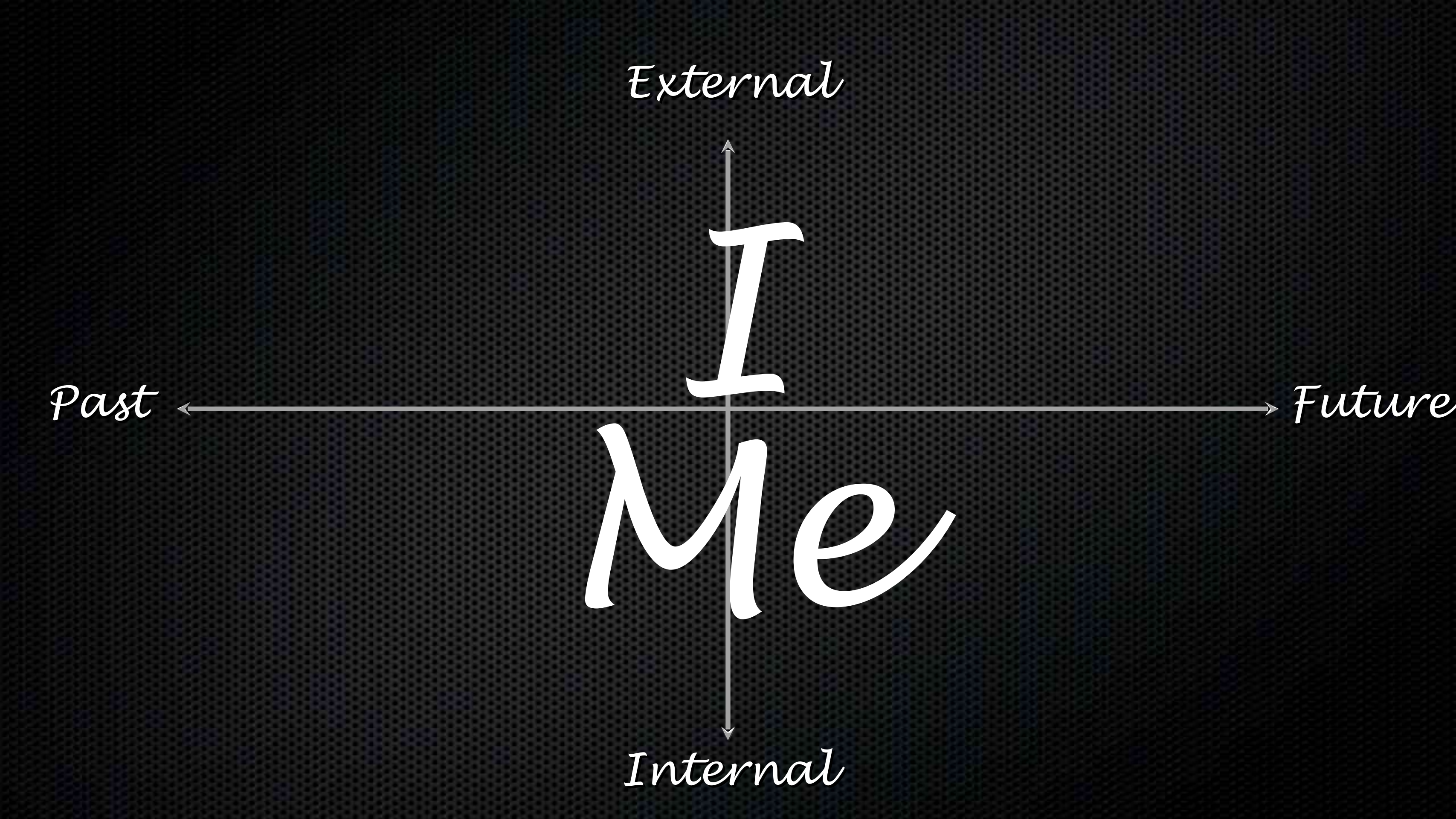
I

Past

Future

Me

Internal



marriage

intuition

action

External

I

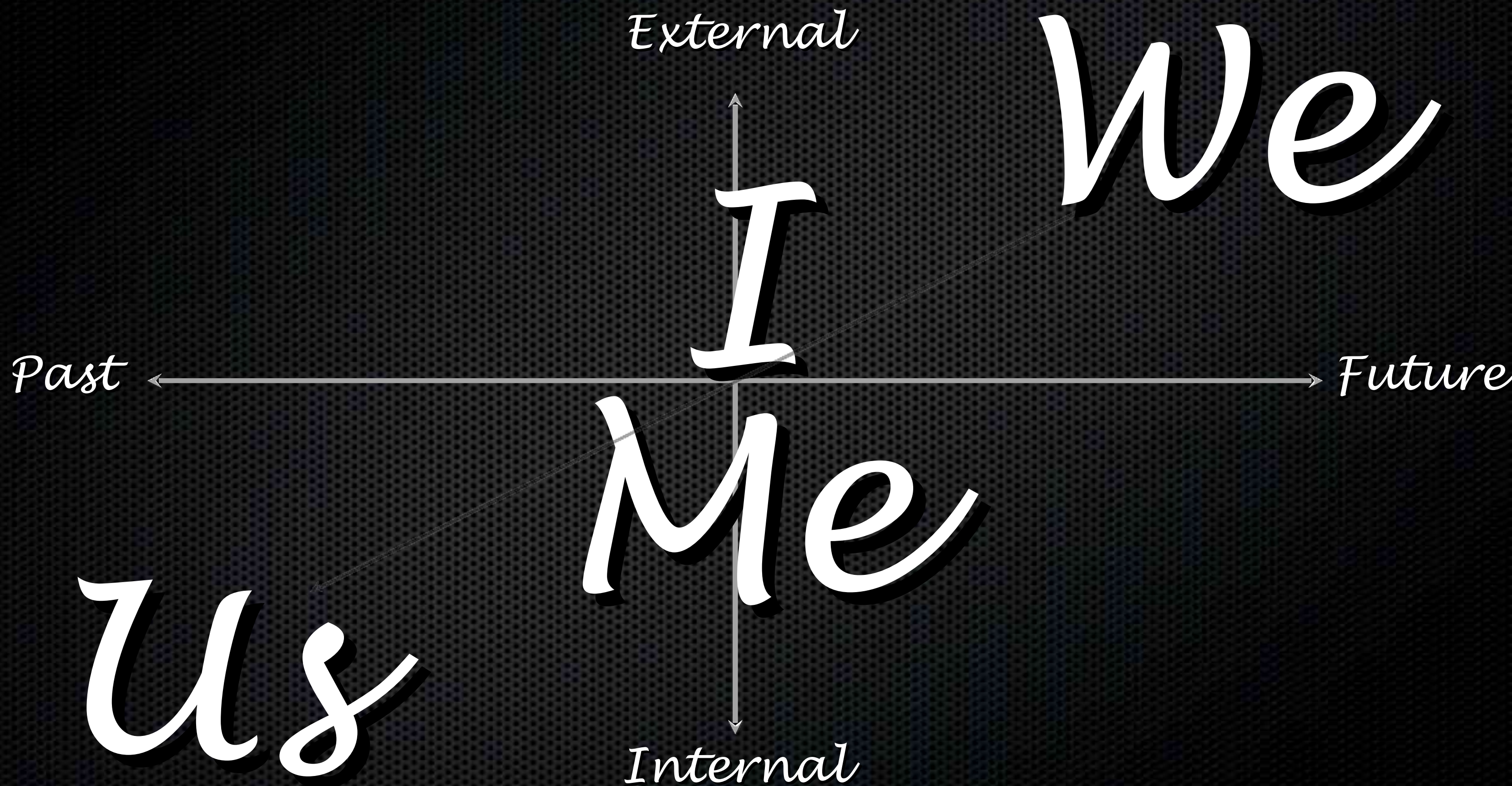
Past

Future

Me

Internal

reflection



“Every relationship. . . implies a definition of self by others and other by self. . . A person's 'own' identity can never be completely abstracted from his identity-for-others.

Ronald Laing, *Self and Others*, 1961

“If I am I, simply because I am I, and thou art thou simply because thou art thou, then I am I and thou art thou. But if I am I because thou art thou, and thou art thou because I am I, then I am not I and thou art not thou.”

Rabbi Mendel of Kotsk (quoted in Ethos and Identity, Epstein, 1978)

Identity construction

Individual

Society



Individual

Society

**Government
Organisations
Businesses**



HACHETTE
Littérature

Jean-Claude Kaufmann

L'invention de soi

Une théorie de l'identité



Pluriel

“Identity is a historical process which, after a transition phase where it was directed from above by the State, has fully emerged at the individual level from less than half a century as self-invention.”

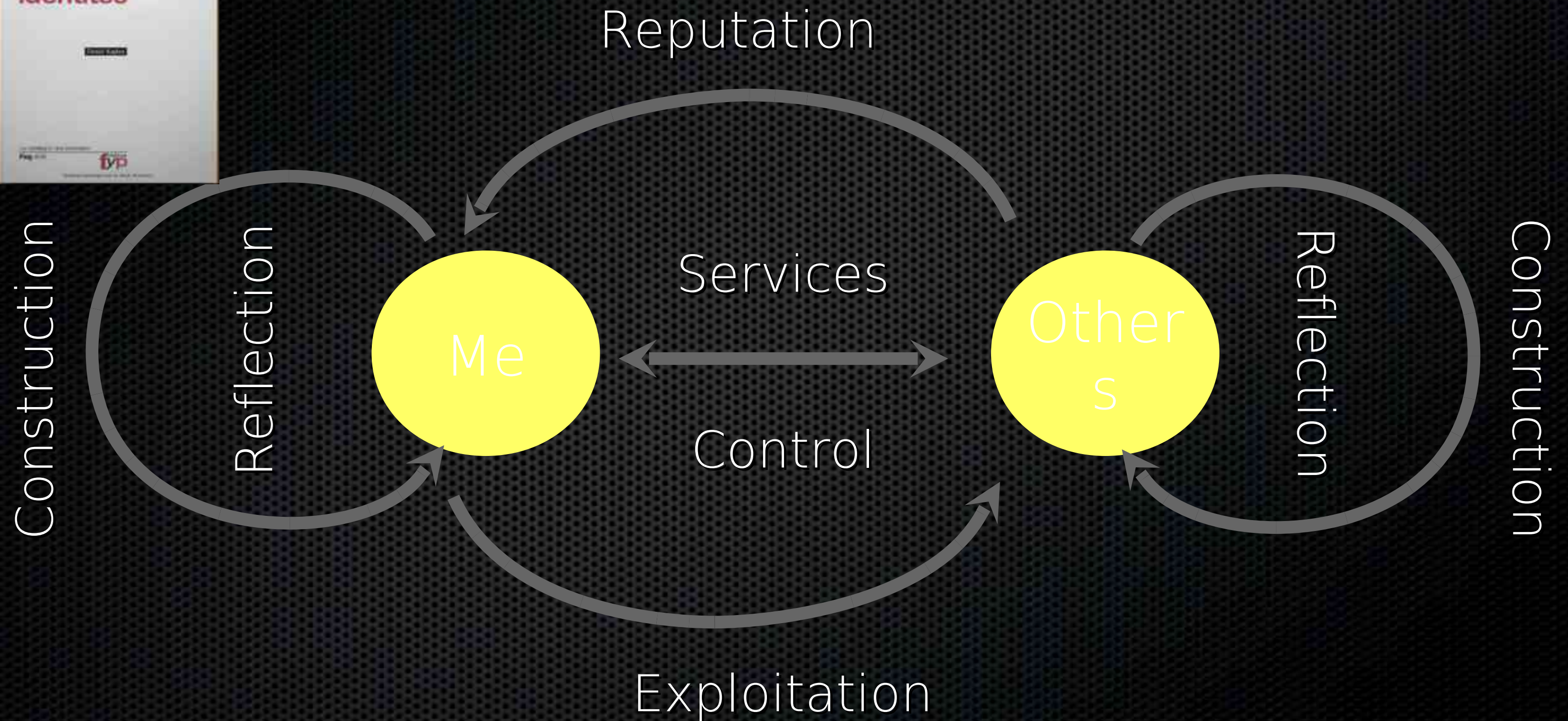
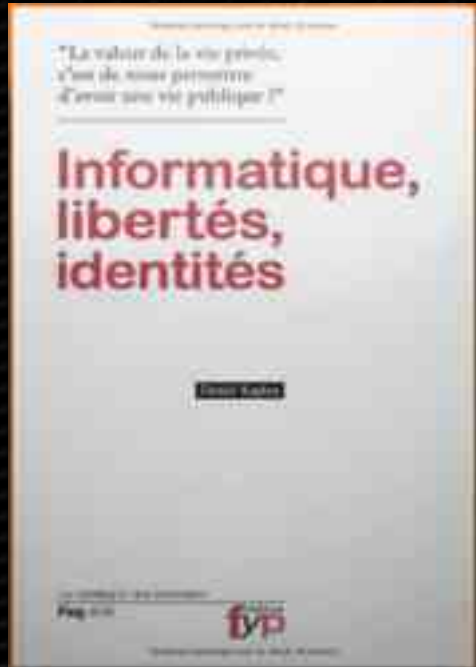
Modernity and Self-Identity



*Self and Society in
the Late Modern Age*

ANTHONY
GIDDENS

“Self identity is not a set of traits or observable characteristics. It is a person's own reflexive understanding of their biography. Self-identity has continuity, but that continuity is only a product of the person's reflexive beliefs about their own biography. It explains the past and is oriented towards anticipated future.



	People	Organisations	Networks
Status	Competency profile	Competency management	Reputation
Activities	Contributions	Project management	Collaboration
Assets / Capital	Knowledge	Knowledge management	Audience
Transformation	Professional development	Learning organisation	Learning community

What are the problems with
identity technologies?
identity technologies?

*Where is the identity we have
lost in digital identity?*

BBC

Saturday, 24 January 2009 -

An NHS trust serving people across
has been criticised after
about 5,000

Abert
Trust

protec
patient
encrypt

Politics and Law

May 27, 2010 3:51 PM PDT

Privacy groups assail Facebook changes

by Declan McCullagh

Font size



Print



E-mail



Share



84 comments

218

retweet



Share

digg

Facebook's new privacy changes haven't been enough to satisfy its most vocal critics.

The activist groups waging what amounts to an undeclared war against the social-networking site for the last year, complete with no fewer than three letters to federal regulators claiming Facebook's actions are illegal, said Thursday that they're hardly ready to declare a truce. (See our [Q&A with CEO Mark Zuckerberg](#) and [instructions](#) on changing your settings.)

Identification *to*

Identification *of*

Identifier

Identity

Relationships

Attributes

Privacy

Intimacy

Trust

Walls



	Closed society	Open Society
Architecture	Integration	Aggregation
Systems	Disconnected	Networked
Security	Walls	Trust
Data	Hidden	Discoverable
Identity	External constraints	Inner potential

What are the problems with
ePortfolios?

enormous

are

personal information *silos*

ePortfolio

are

personal information *silos*

hosted in information *silos* (*ePortfolio platforms*)

ePortfolio

are

personal information *silos*

hosted in information *silos* (ePortfolio platforms)

managed by fragmented *institutional silos*

10 ePortfolio challenges

2009

- # ePortfolio
1. Universal ePortfolio Repository
 2. Universal Competency Identifiers
 3. ePortfolio social
 4. ePortfolio semantic editors
 5. ePortfolio Readers
 6. Open & Trusted Service Architecture
 7. ePortfolio based performance support system
 8. ePortfolio discovery mechanism
 9. URIs as tags
 10. Universal Metadata
- # challenges

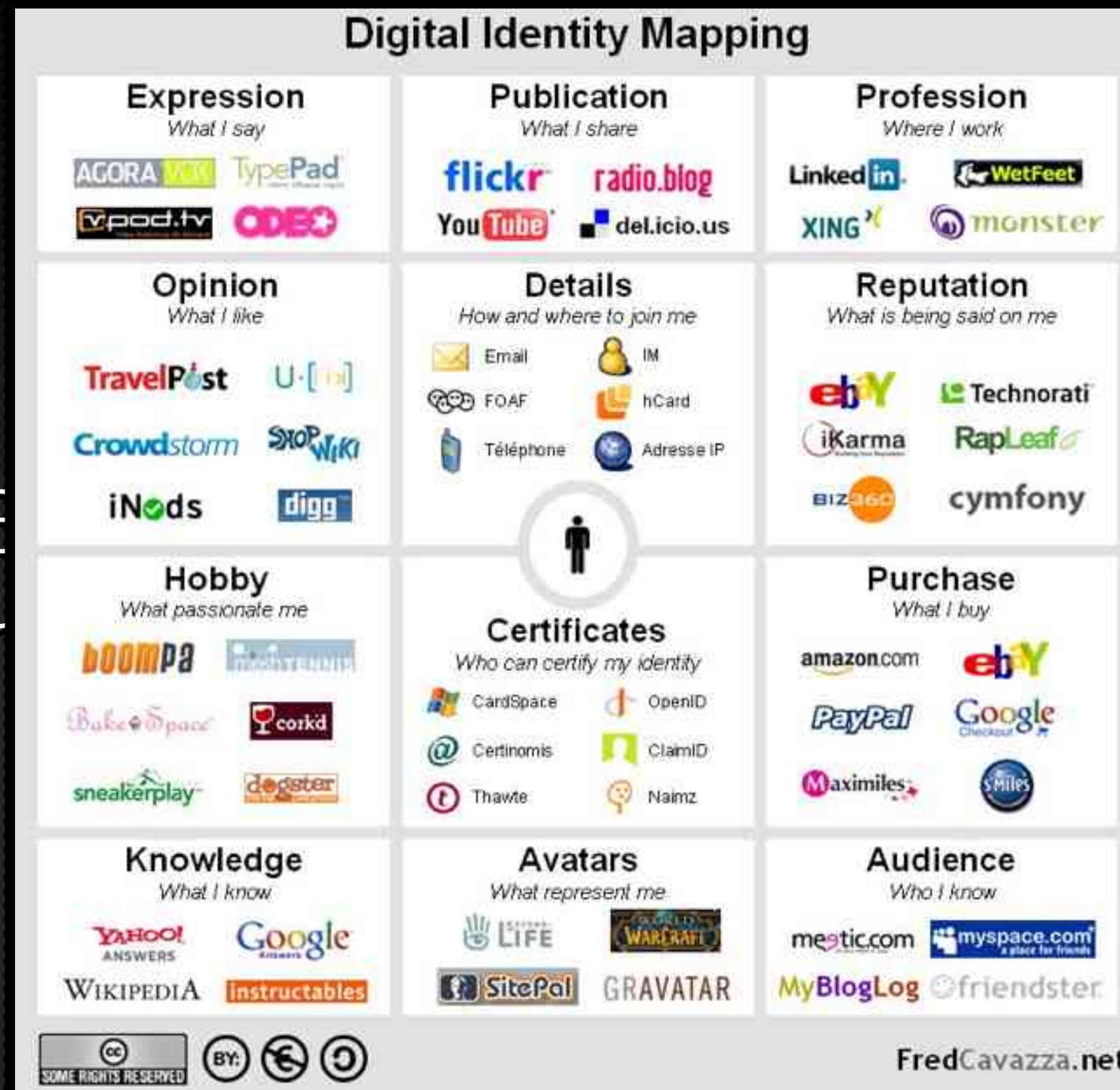
Free personal data!

While the centre of gravity of
information systems is moving
from organisations towards
individuals...

While the centre of gravity of
information systems is moving
from organisations towards
individuals...

Yet, we can observe an increasing
fragmentation of personal data

Yet, we
fragment



reasing
data

We are not in control on
how our personal data is
being used





Enslaved personal data
affects our ability to
freely construct our
identity



FROM

Applications, the **masters** of my data



T.O

Applications, the **servants** of my data

Net citizenship!

How?

Splitting data, metadata &
services
in a trustworthy environment

Service

Metadata

Data

Service

Metadata

Data

Met

Service

Service

Service

Service

Service

Service

Metadata

Metadata

Metadata

Data

Data

Service

Service

Service

Service

Service

Service

Metadata

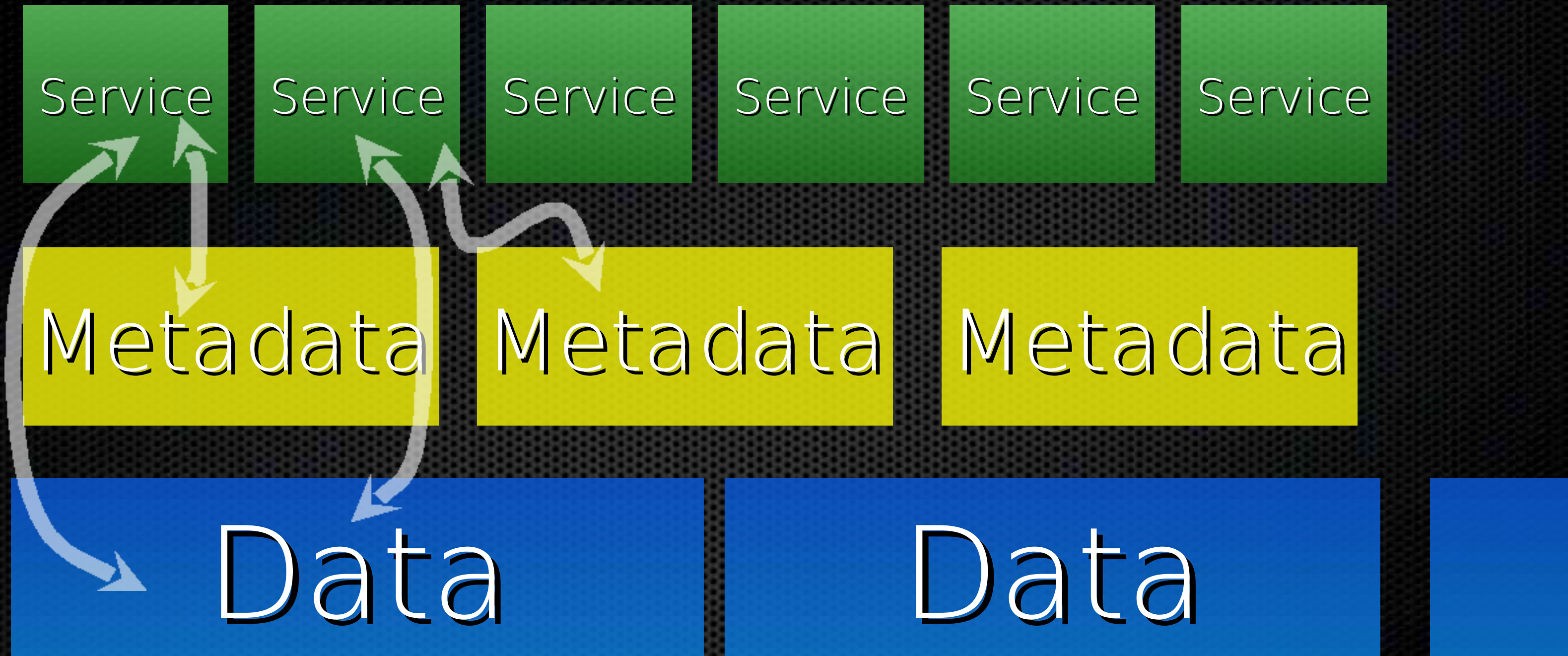
Metadata

Metadata

Data

Data

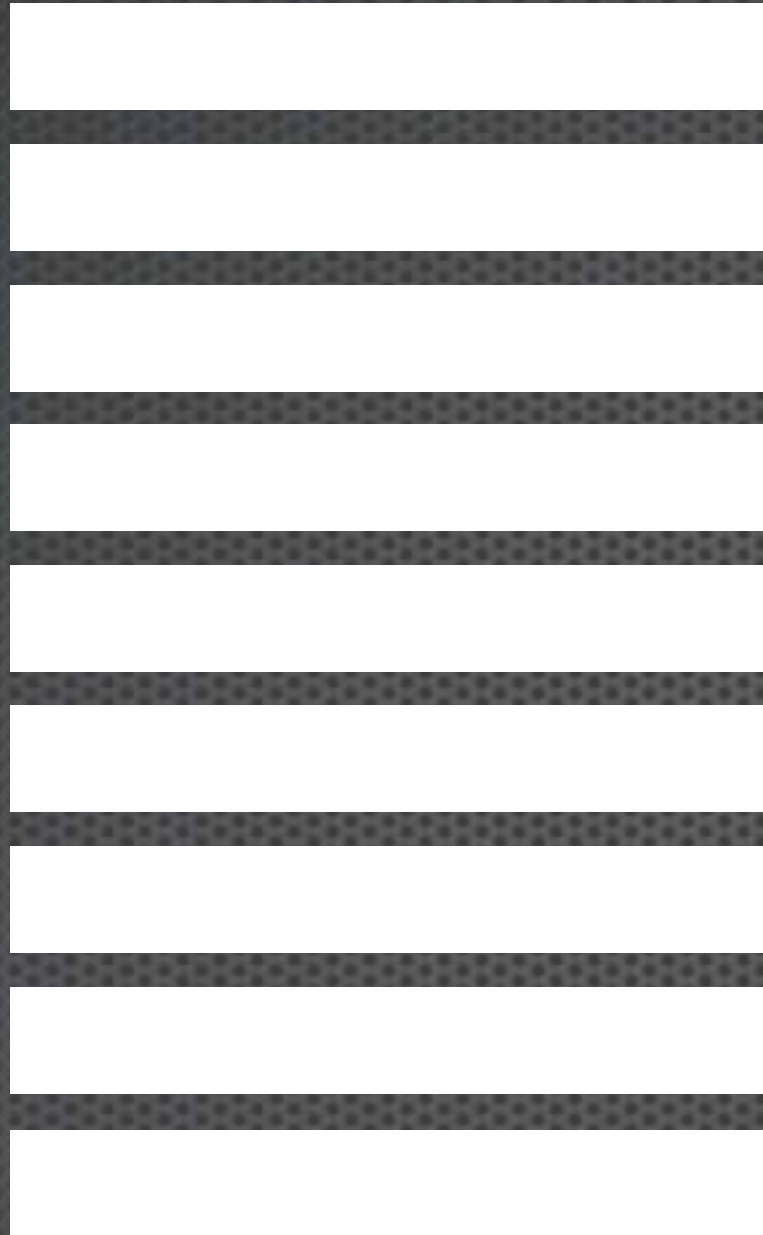
 Trust Architecture



Trust Architecture



IoS compliant Business Services



IoS Infrastructure

Dashboards

Shared
Web
Services

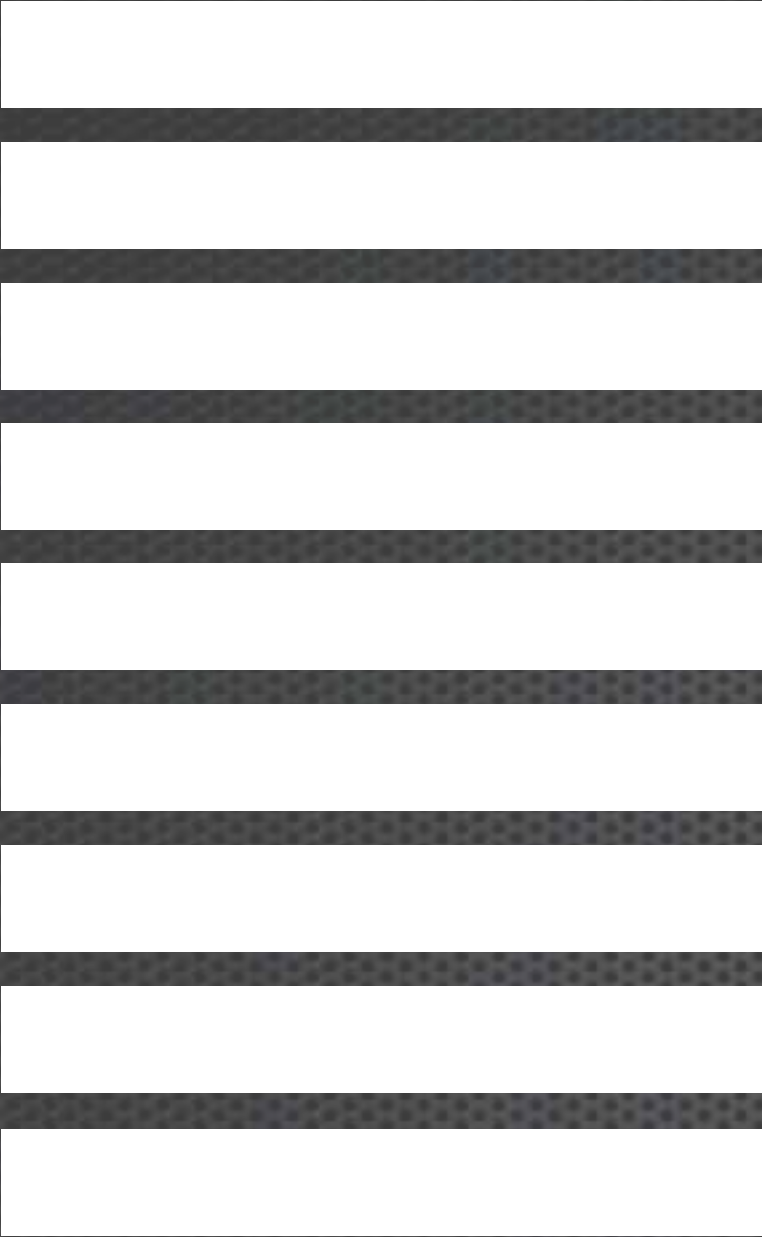
(engine, etc.)

Personal
Data Stores

Distributed
Repository

IoS Architecture

IoS compliant
Business Services



IoS Infrastructure

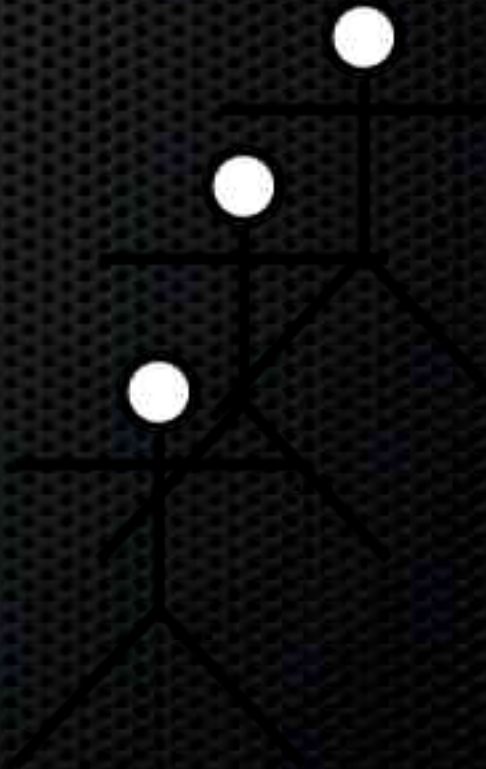
Dashboards

Shared
Web
Services

engine, etc.)

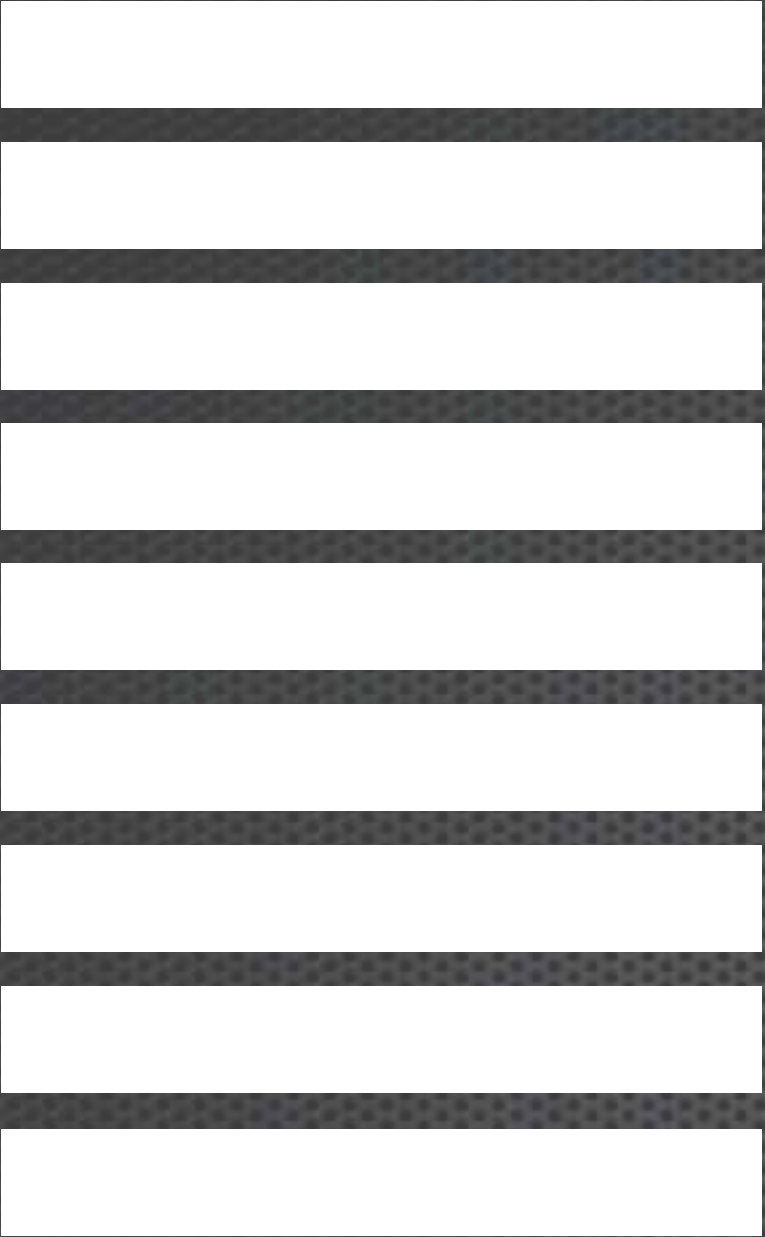
Personal
Data Stores

Distributed
Repository

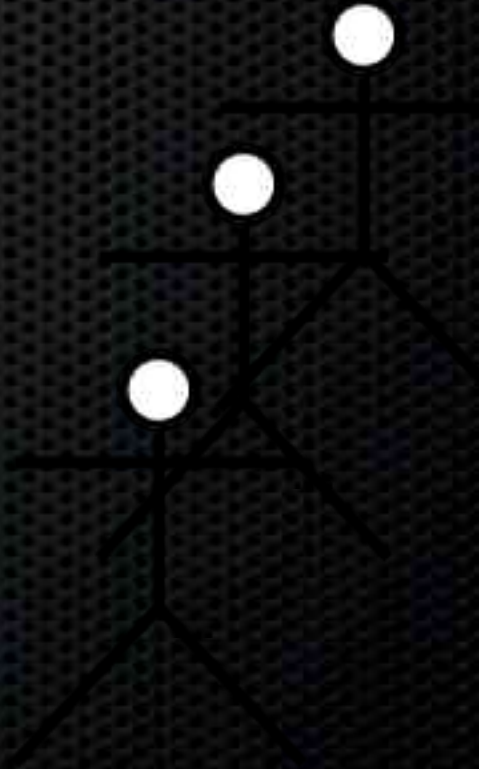


IoS Architecture

IoS compliant
Business Services

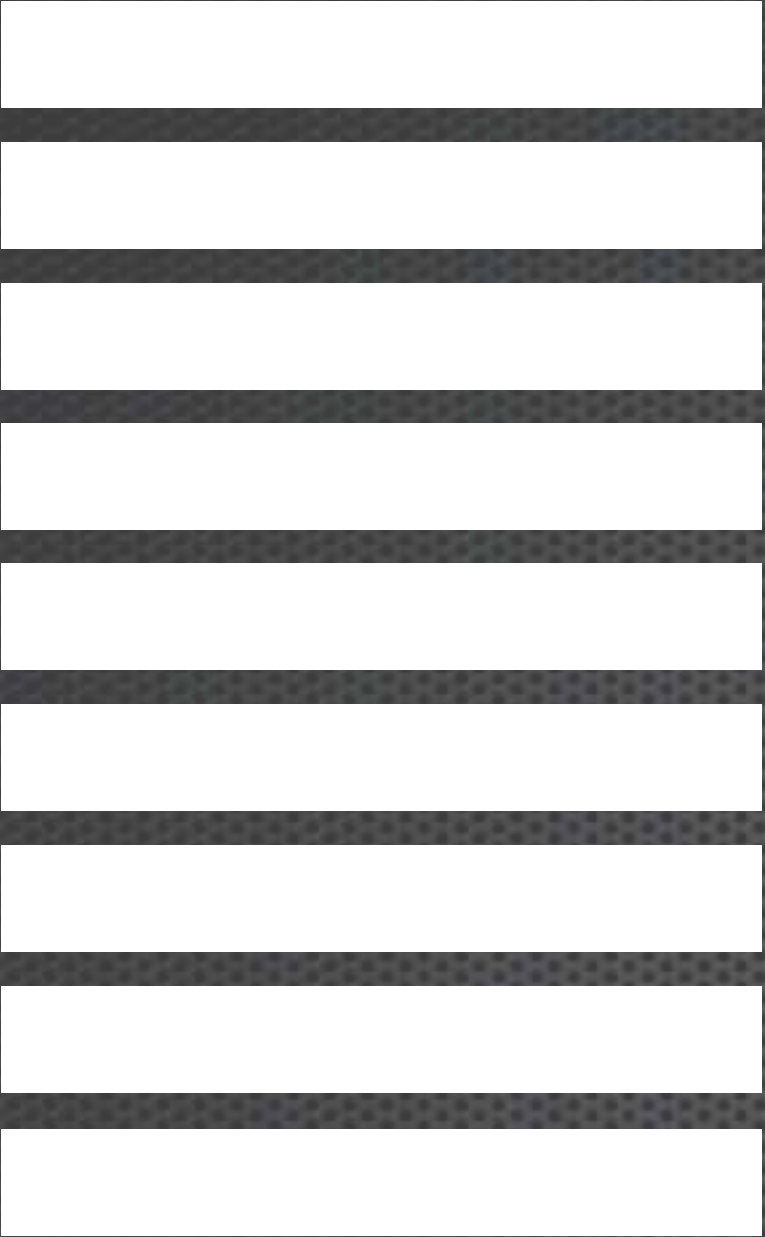


IoS Infrastructure

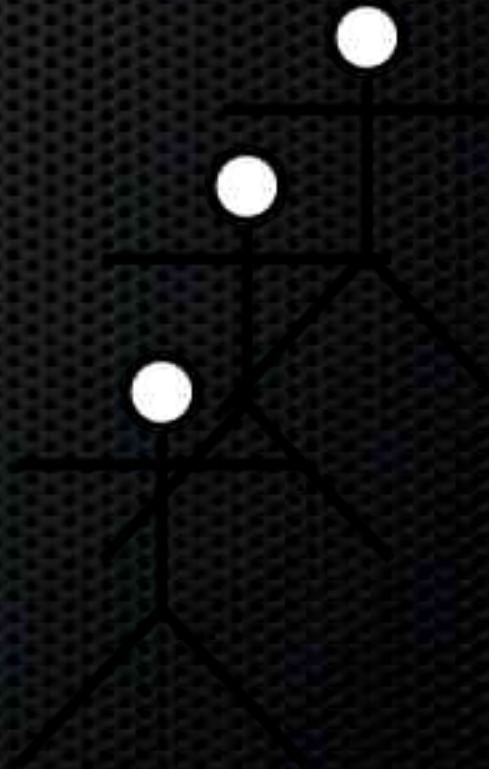


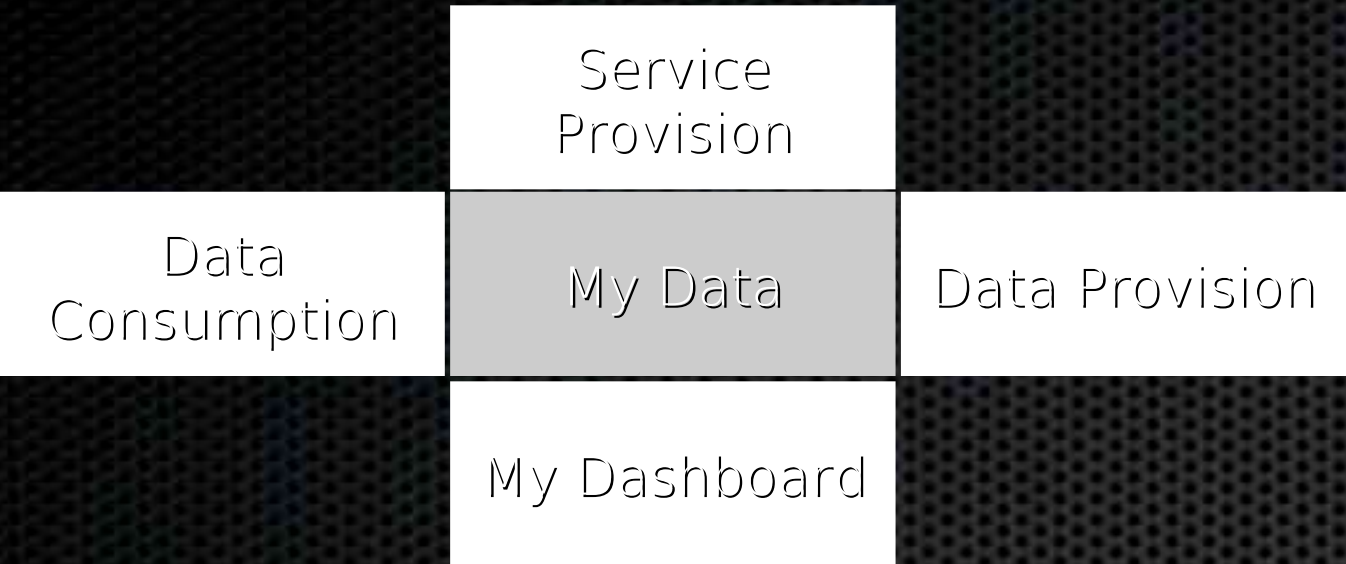
IoS Architecture

IoS compliant
Business Services

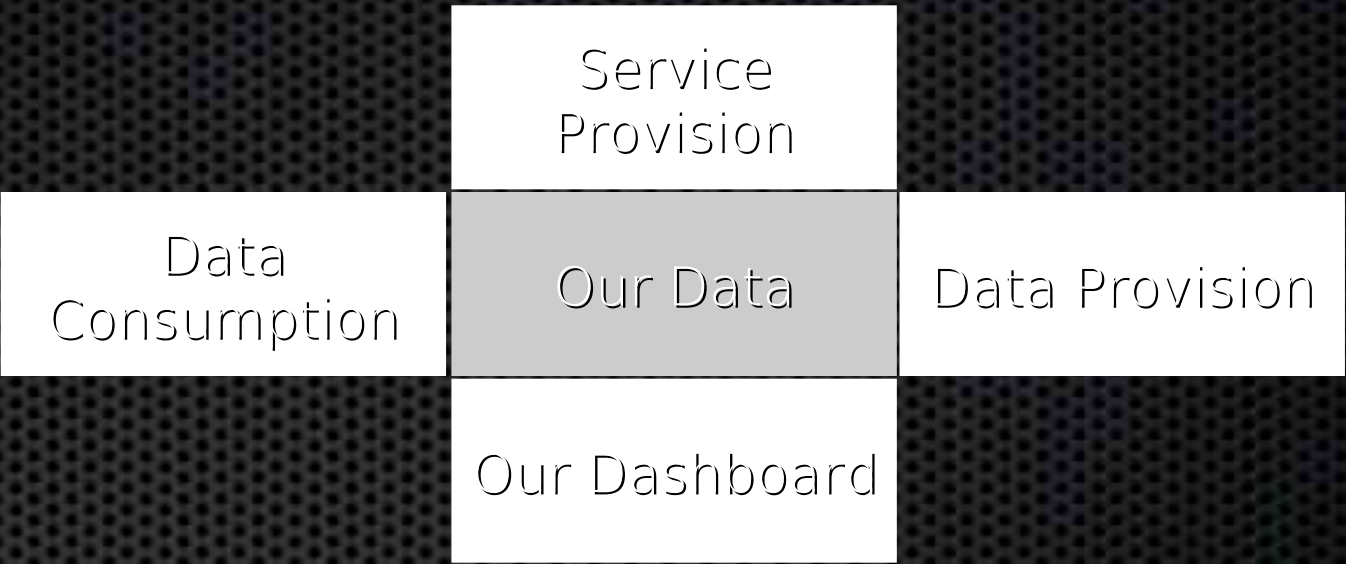


The society of Subjects

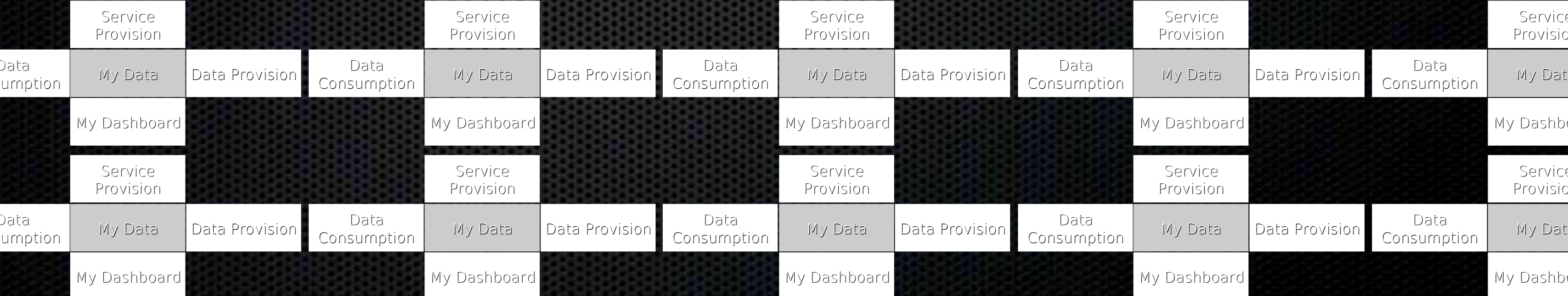




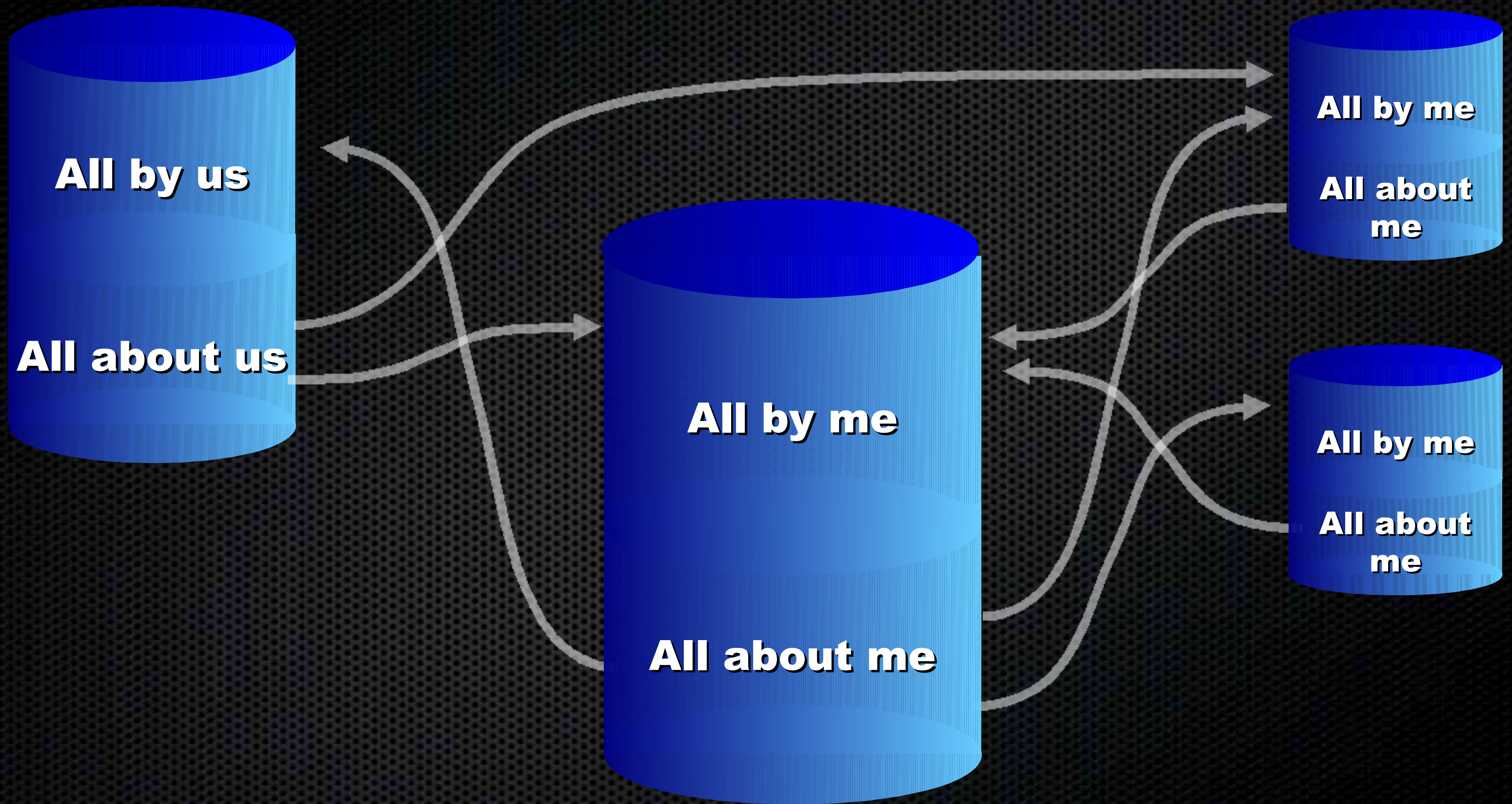
Personal Proxy



Business /Network Proxy



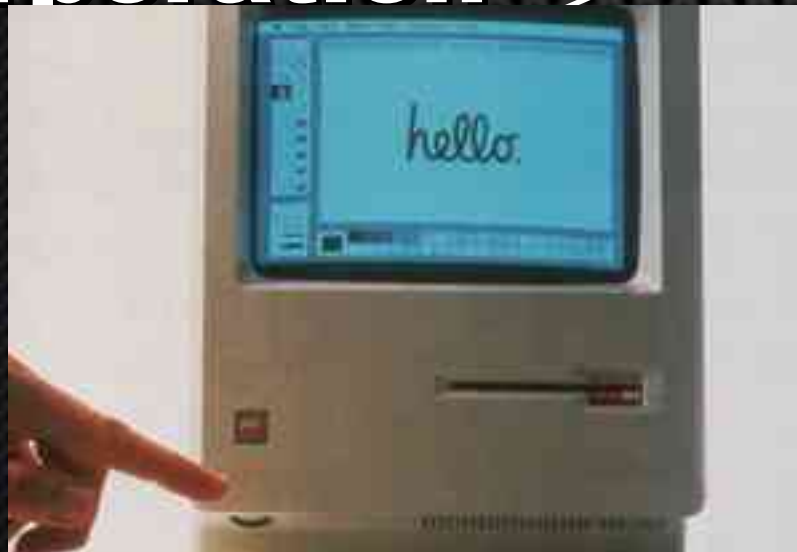
Structure of a PDS



Paradigm shift

Individual

Corporation



Corporation

Individual



Corporation

Individual



Corporation

Individual



Corporation

Individual



Corporation

Individual





Corporation

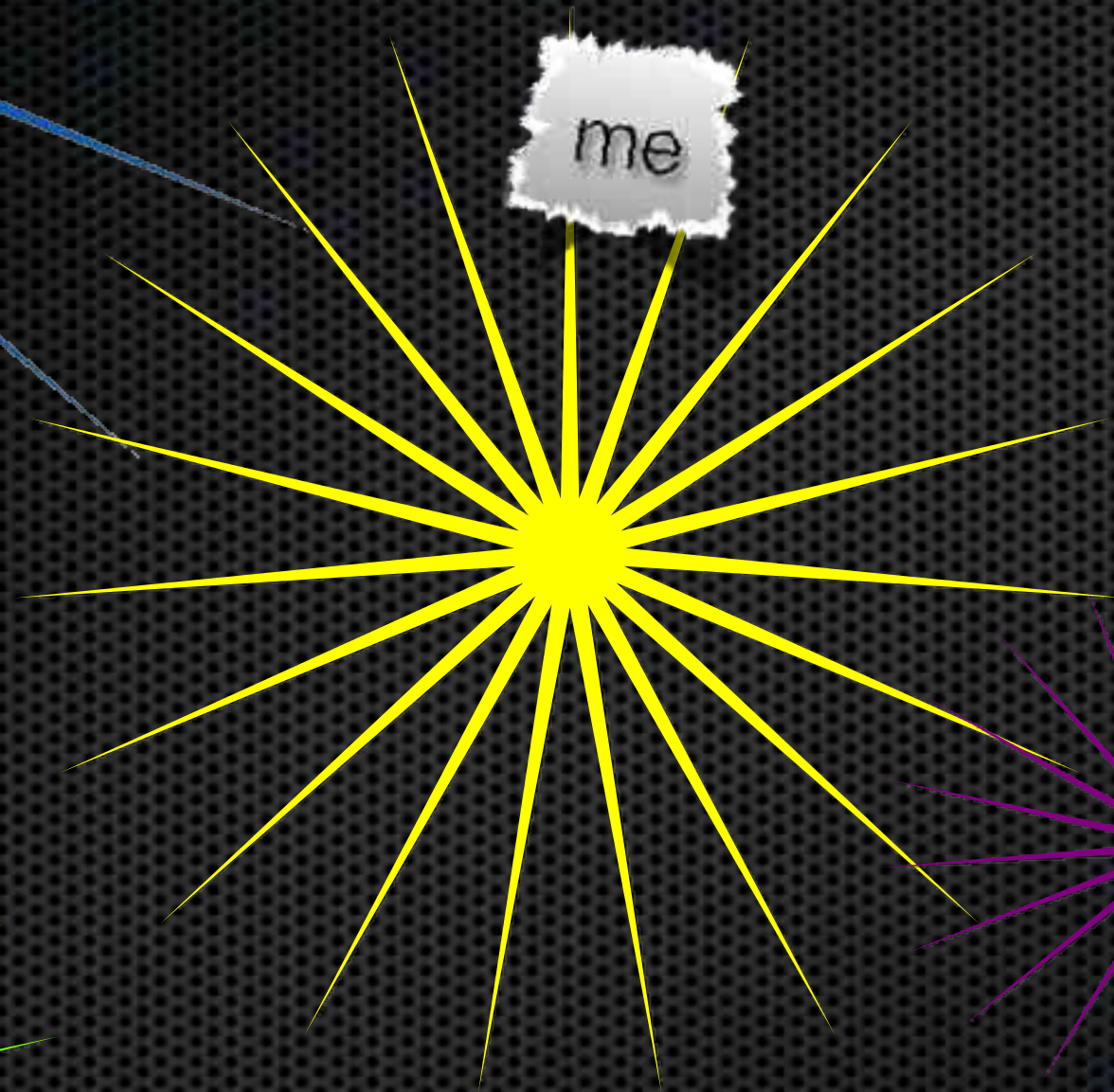
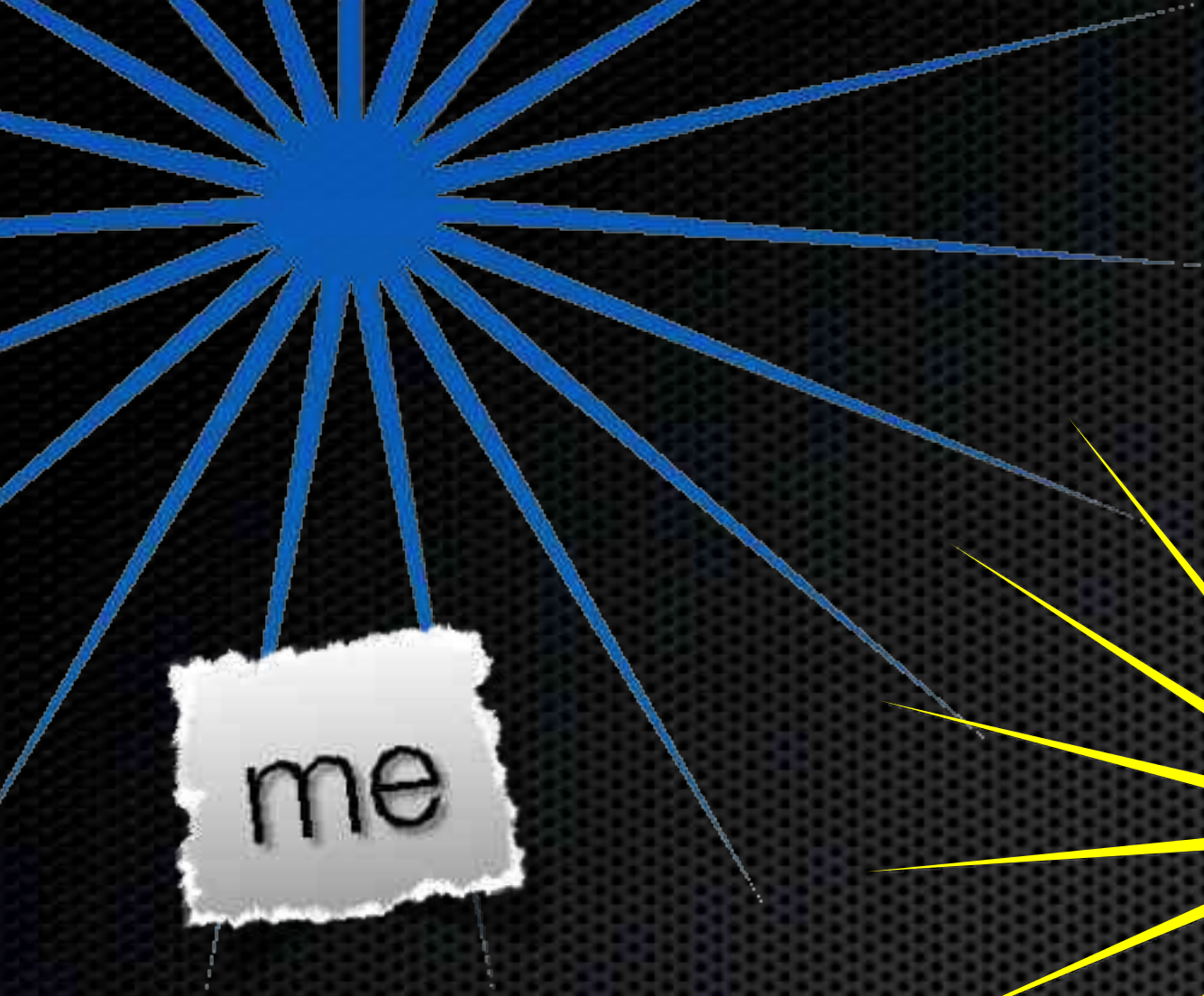
Individual

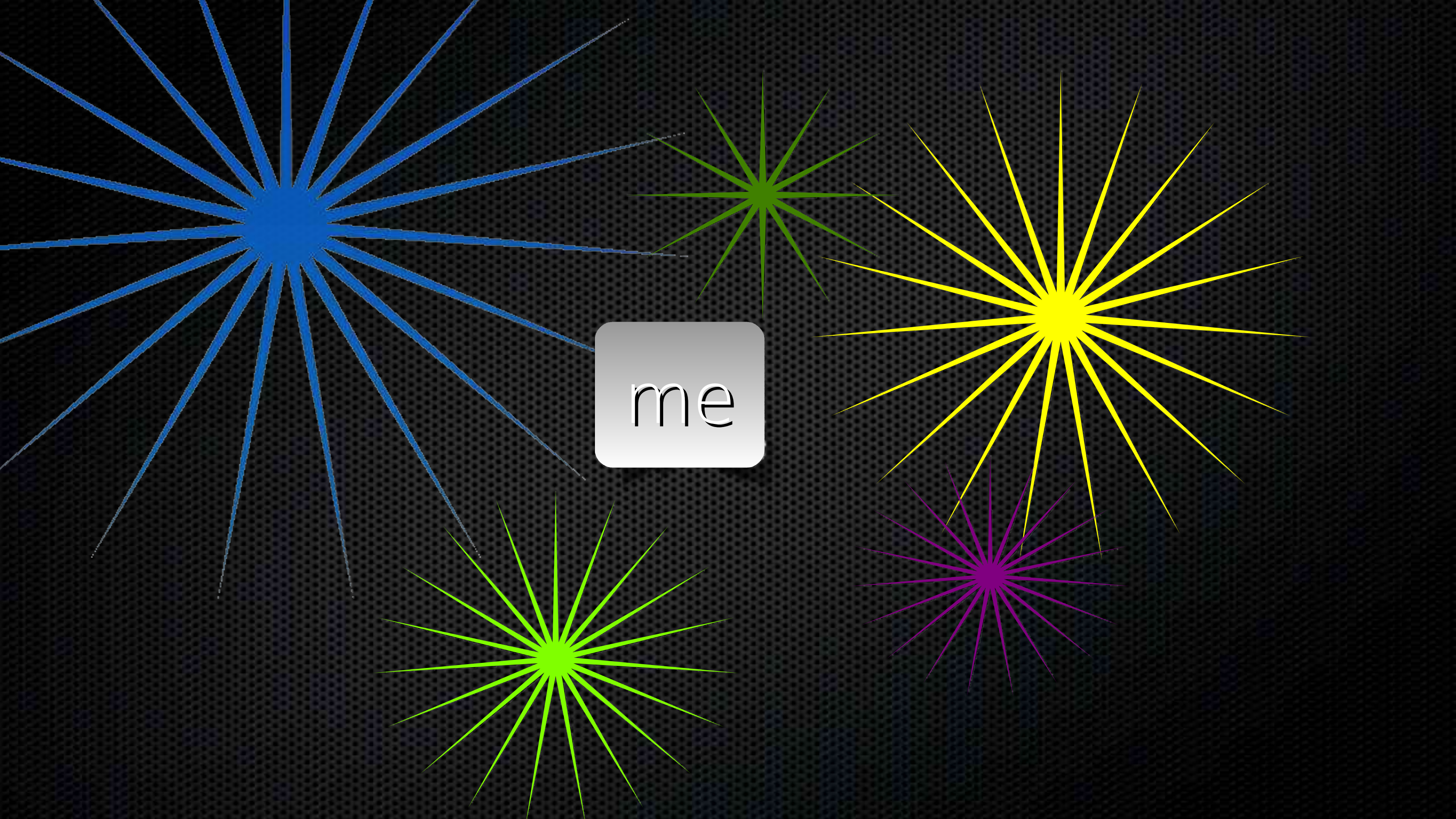
**Business
enabler**



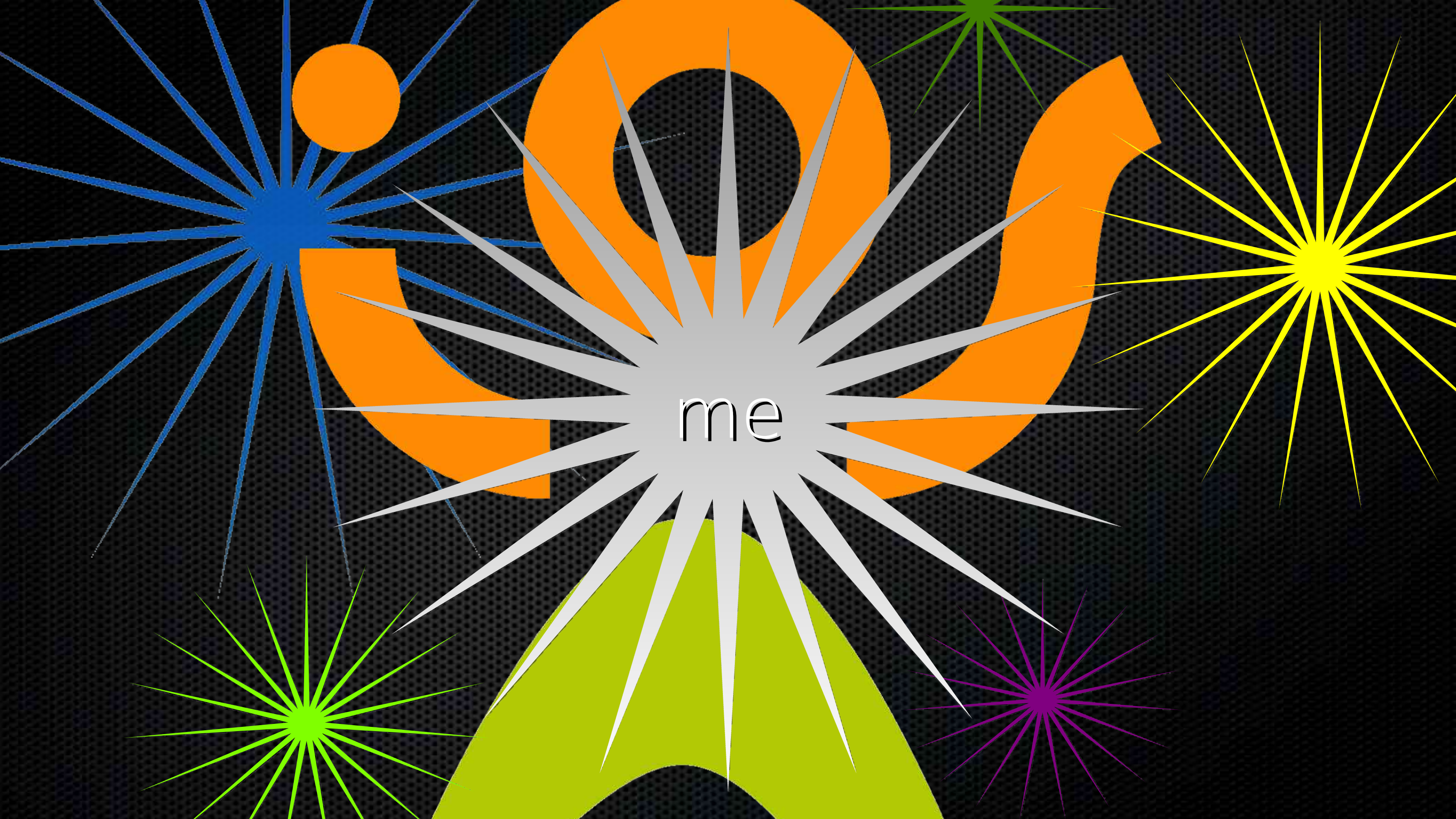
**Privacy
enforcer**







me





**PERSONAL DATA
IT'S OURS!**



**I am in full
control**



The image features a dark blue background with a fine, light-colored grid pattern. The text "I am in full control" is written in a bold, white, sans-serif font. The words "I am in full" are on the top line, and "control" is on the bottom line. Behind the text, there are large, stylized characters: an orange "i" and "s" that appear to be part of the word "is", and a green "X" that appears to be part of the word "X". The "i" and "s" are positioned behind the first line of text, and the "X" is positioned behind the second line of text.



I am in full

I can be discovered

control



**I am in full
control**

I can be discovered

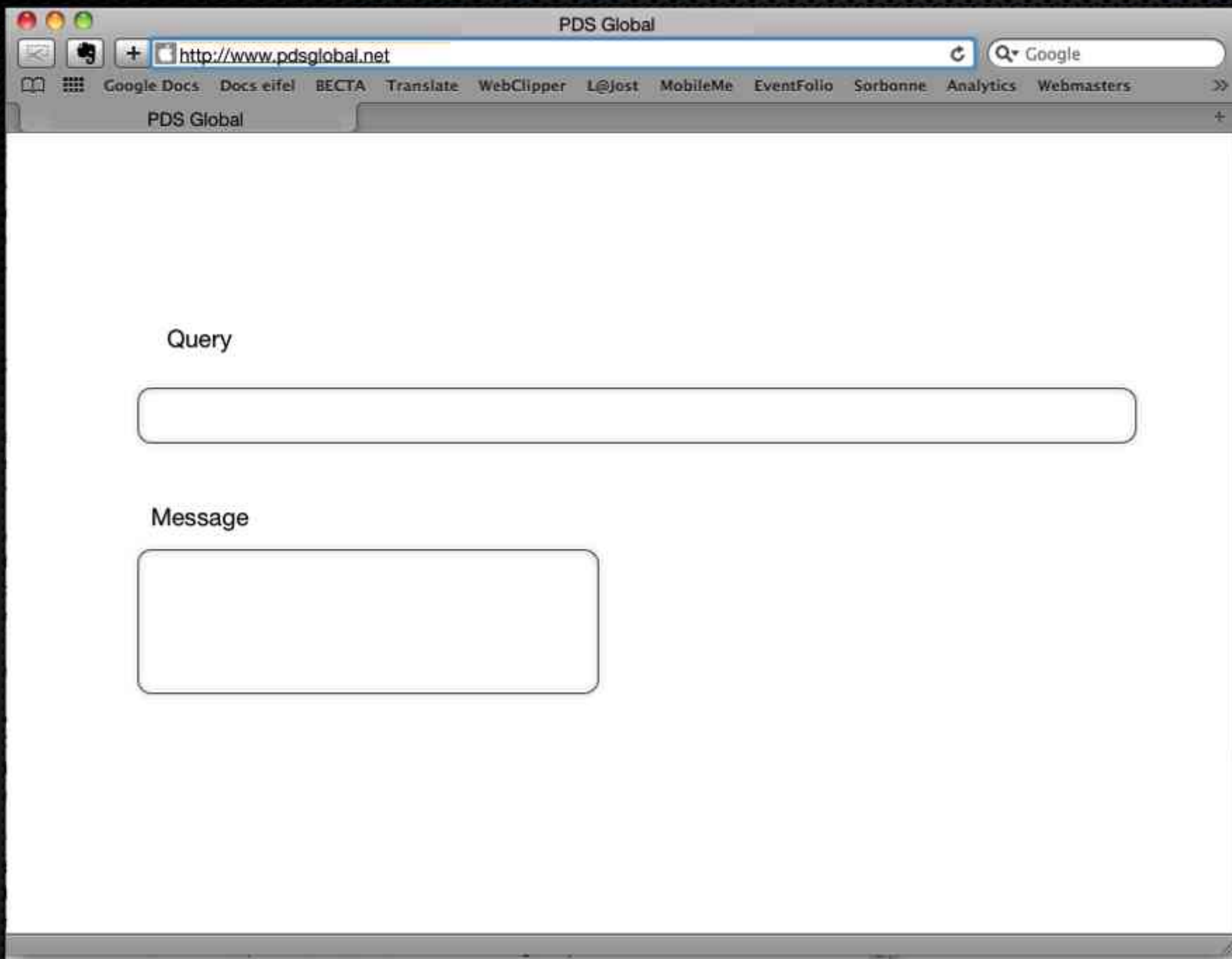
I am in full

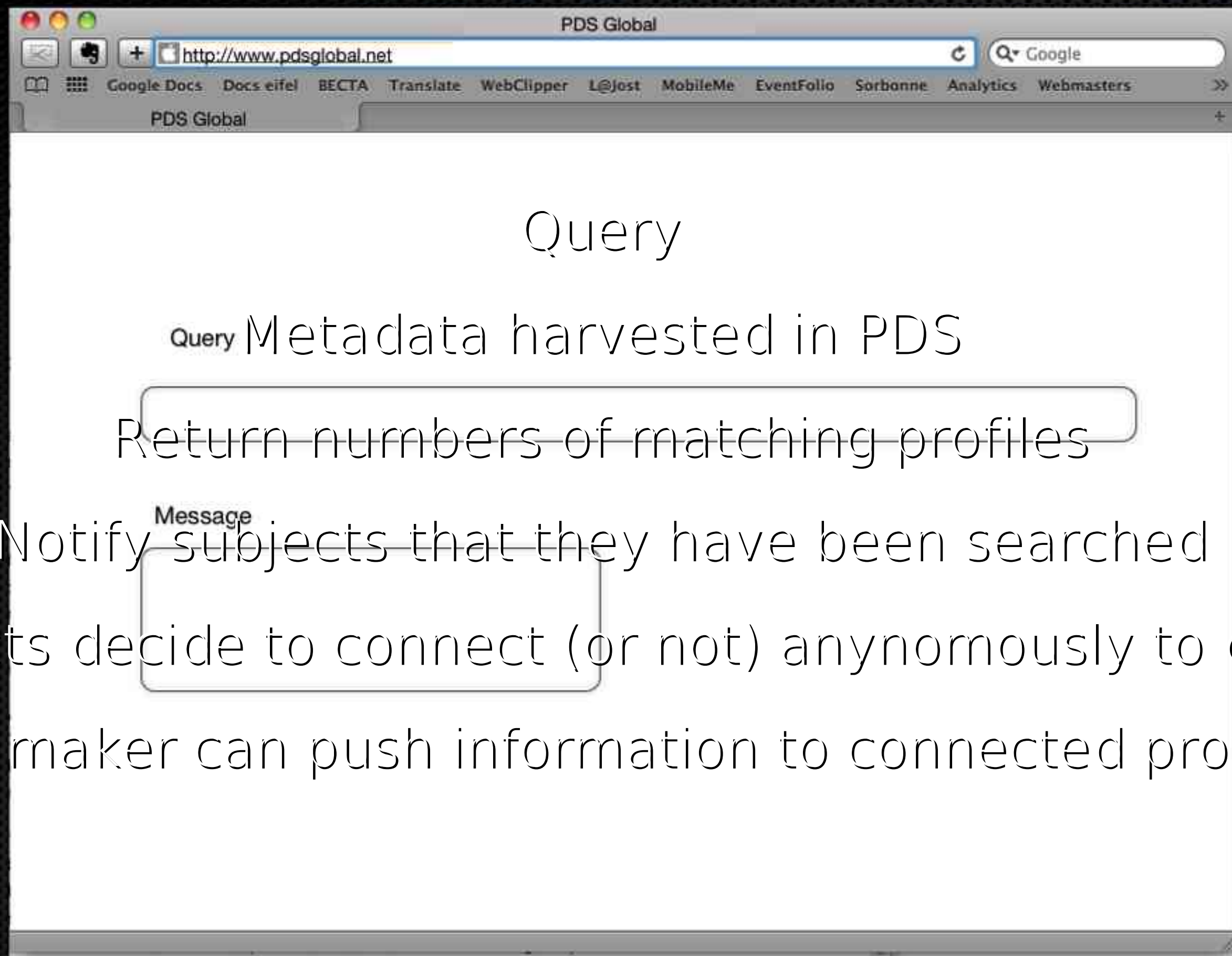
I can hide

control

I can share

How can services interact with
PDS?





Query

Query Metadata harvested in PDS

Return numbers of matching profiles

Message

Notify subjects that they have been searched

Subjects decide to connect (or not) anonymously to query

Query maker can push information to connected profiles

Benefit #1

Reduce asymmetry of information
access / broadcast

Benefit #2

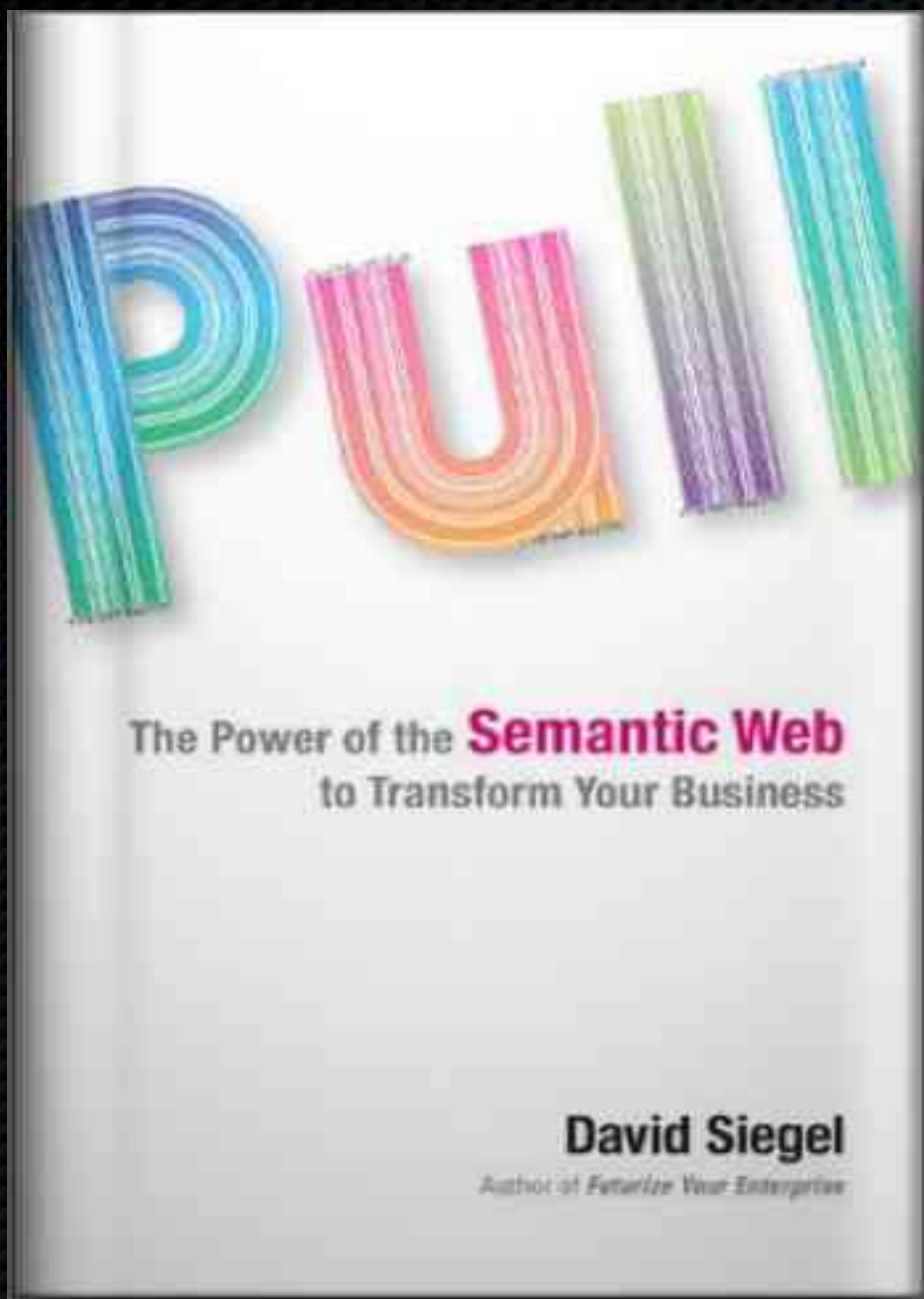
Meaningful anonymous
interaction

Prospects can stay
anonymous while their
needs are visible

The 7 Rules of the iOS



1. **Personnal control**
2. **Discoverability**
3. **Instant Social Networking**
4. **Ubiquity**
5. **Symmetry**
6. **Minimisation**
7. **Accountability**



Data will become findable. Already we are seeing the emergence of the Open Web, where information lives online and can be found easily. There will be central repositories and central hubs that link information together. This is called “linked data in the cloud” and is the next transformation after services and software go online (see linkeddata.org).



The Internet of Subjects Manifesto

The influx of digital technologies in our lives is leading to an ever-increasing flow of personal data circulating over the Internet. The current difficulties experienced in personal data management, such as trust and privacy, are the revealing symptoms of a growing contradiction between an architecture that was primarily designed to manage documents, with the growing expectations of individuals to have a more person-centric web. This contradiction will not be resolved by adding a simple patch to the current architecture; but a second order of change similar to a Copernican revolution, is required to move from a document-centric to a person-centric Internet, to create the conditions for a more balanced and mature relationship between individuals and organisations.

The objective of the Manifesto is to explore why and how we can move from an Internet of Things to an Internet of Subjects tailored to the needs of emancipated, self-conscious individuals.

1. Why today's fragmented digital identity is an obstacle to unleash the full potential of individuals, communities, organisations and businesses?

1.1. Current Internet architecture leads to a fragmented identity

New manifesto

Now, imagine....

Imagine a network made up of personal data stores, where identity data and personal information systems representing individuals are at the very centre of the architecture. Imagine a situation where online connections to people, services, and to documents are seamless, rather than being fragmented over a number of services. Imagine a scenario where personal identities are securely held in one logical space and shared dynamically across a number of communities.

Use cases

Lifelong learning

Lifelong & life wide learning portfolios

Informal learning recognition

Healthcare

Sharing and augmenting personal health records

Creating an AA group

Analysys of buying patterns

Policies

Citizen dashboards

Learning / intelligent territories

Accountability

Business

Create instantly a competitor to Facebook

Get competitive business offers

Vendor Relationship Management

MISSION

A stylized graphic consisting of an orange shape resembling a lowercase 'i' or a person's head and shoulders, and a green shape resembling a person's legs or a wide 'A' shape, positioned behind the text.

Put people back into control of their personal data: creating the technical and organisational conditions for individuals to be able to reunite their personal data and take over control and their exploitation.

MISSION

Put people back into control of their personal data: creating the technical and organisational conditions for individuals to be able to reunite their personal data and take over control and their exploitation.

Support research on identity construction: inviting all fields of knowledge to confront current identity theories and practices across cultures, worldwide, to the new reality of a digitally expanded world.

And now?

Violent Agreement Breaks Out at IoS Forum

[Serge Ravel](#), CEO of [EIFEL](#), prefaced the [Eifel Learning Forum](#) with the inaugural [Internet of Subjects Forum](#) to an international audience in London yesterday.

The plenary presentations were made by [Sampo Kellomaki](#), Chief Architect at [Symlabs](#), [Graham Sadd](#), Founder & CEO of [PAOGA](#) ([read interview](#)) and [Paul Trevithick](#) - Founder of [Higgins Project](#) and CEO of [Azigo](#).



DIASPORA*

home

media

The Epoch Times

Thursday, June 10, 2010

Home Nation World China Business Opinion Science & Technology Arts & Entertainment

Diaspora Raises Ten Times Their \$10,000 Goal

Open-source social

ment tie-ins

"When you have a Diaspora seed of your own, you own your social graph, you have access to your information however you want, whenever you want, and you have full control of your online identity," reads a statement at [Diaspora's Kickstarter page](#), where they managed to raise the required \$10,000 to fund the social networking project within twelve days of request. At the time of writing this piece, 5945 independent backers have pledged \$190,000 behind Diaspora's vision.

*“I find television very educational.
Every time someone switches it
on I go into another room and
read a good book.” Groucho Marx*

Groucho Marx

INTERNETOfSUBJECTS



LONDON
5 July 2010

PERSONAL DATA IS OURS !

Merci

www.iosf.org

serge.ravet@iosf.org