No Free Lunch

OpenPHACTS/Gen2Phen workshop

Jan Velterop - 19 September 2011

« AND THEY SAY UNTO HIM, WE HAVE HERE BUT FIVE LOAVES, AND TWO FISHES »

« AND THEY SAY UNTO HIM, WE HAVE HERE BUT FIVE LOAVES, AND TWO FISHES »

Food for Thought

NO MIRACLE; JUST A FUNDAMENTAL DIFFERENCE BETWEEN GOODS AND INFORMATION

« AND THEY SAY UNTO HIM, WE HAVE HERE BUT FIVE LOAVES, AND TWO FISHES »

No miracle; just a fundamental difference between goods and information

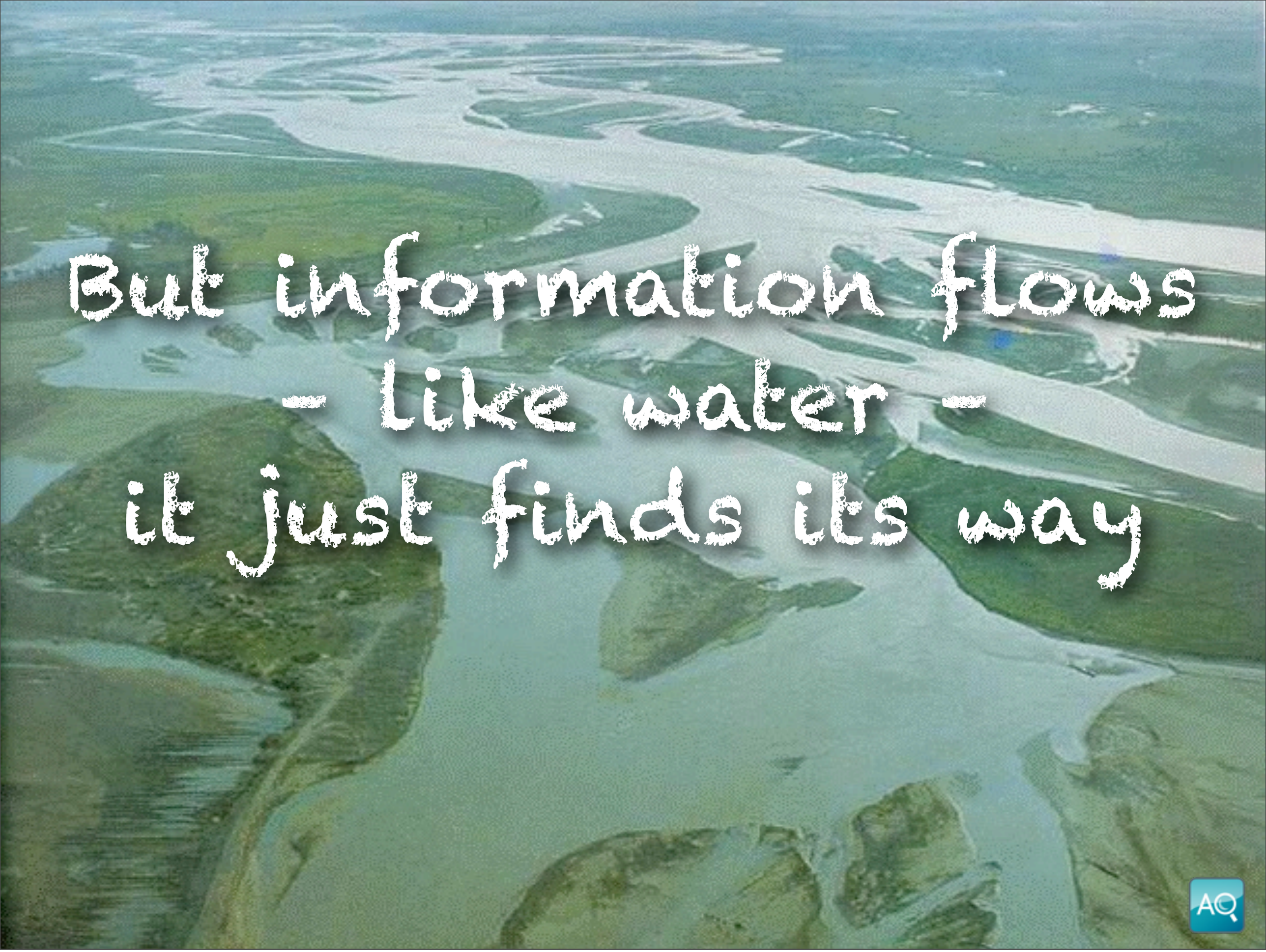
Decreases when shared

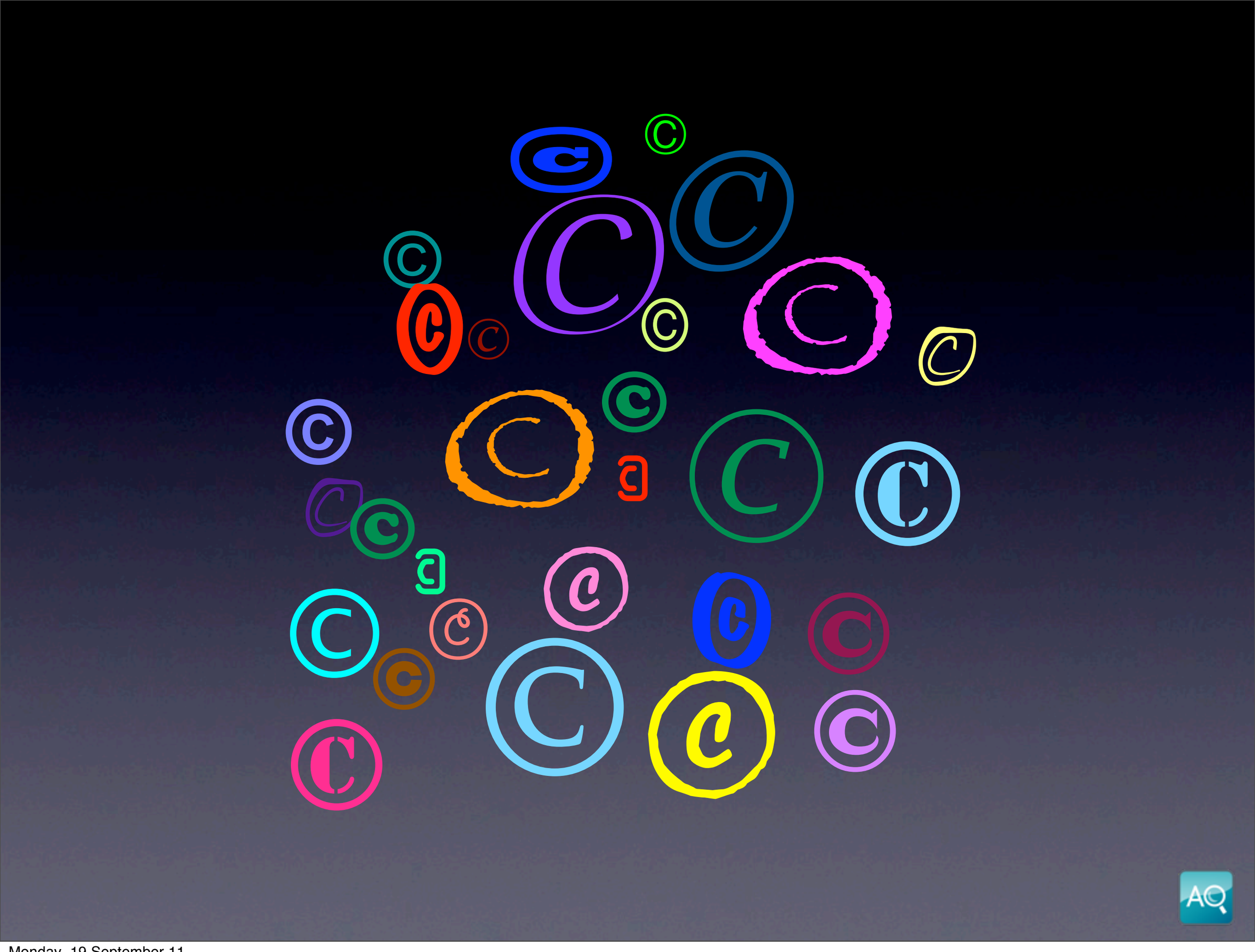
NO MIRACLE; JUST A FUNDAMENTAL DIFFERENCE BETWEEN GOODS AND INFORMATION

Decreases when shared

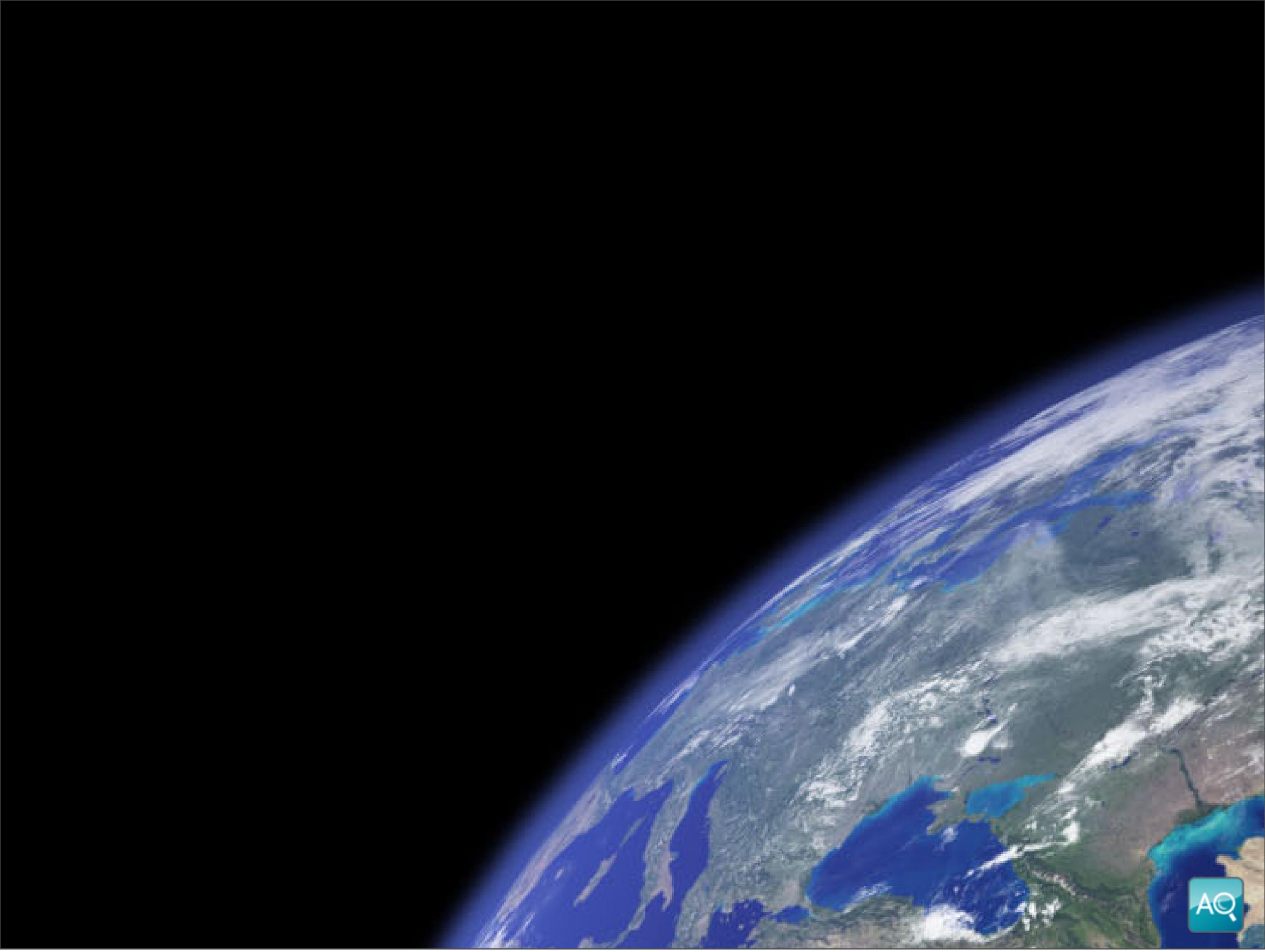
Does *not* decrease when shared

Copyright is an attempt to
eliminate this difference


But information flows
- like water -
it just finds its way



In science, copyright is the wrong solution for the wrong problem



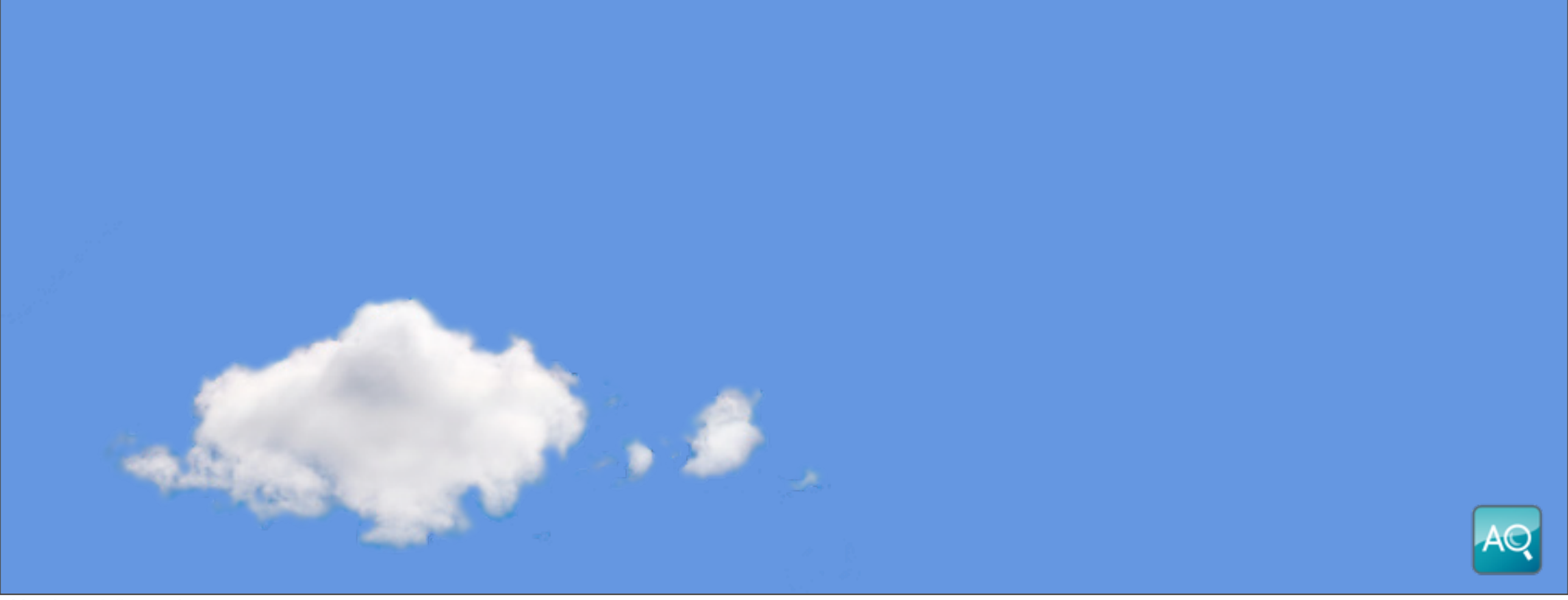
Monday, 19 September 11

Noösphere

Monday, 19 September 11

As opposed to the
'access-licence-sphere'
or L-sphere

Science is a bit like a parachute



Science is a bit like a parachute

It works better
if it's open

Science is a bit like a parachute

Does open mean free, gratis?

But what about Costs?

But what about Costs?

Clearly, there is tension in the system

Perhaps more than you might think

Hype

Hypothesis

Hypocrisy

EgoSystem

EgoSystem

EgoSystem

EgoSystem

EgoSystem

Men pay most attention to what is their own - less to what is common

ΑΡΙΣΤΟΤΕΛΗΣ

The four pillars of sustainability

open access
Secure
Transaction

SellPHACTS

Open Pharmacological Space

Open PHACTS

Open Pharmacological Space

open access
Secure
Transaction

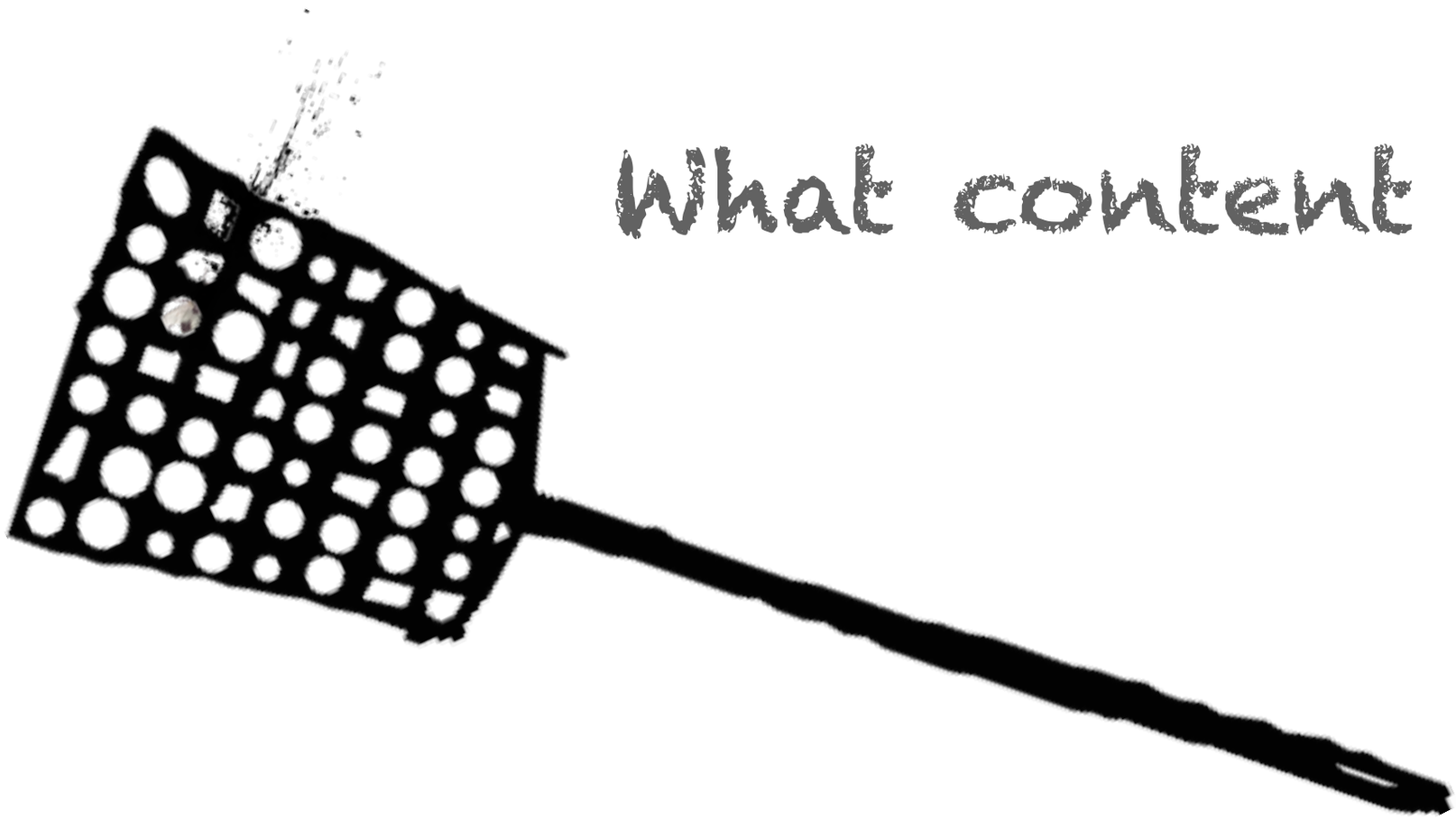
OpenPHACTS
Open Pharmacological Space

Open Access
is a means to an end;
not an end in itself

What content in OPS?

What content in OPS?

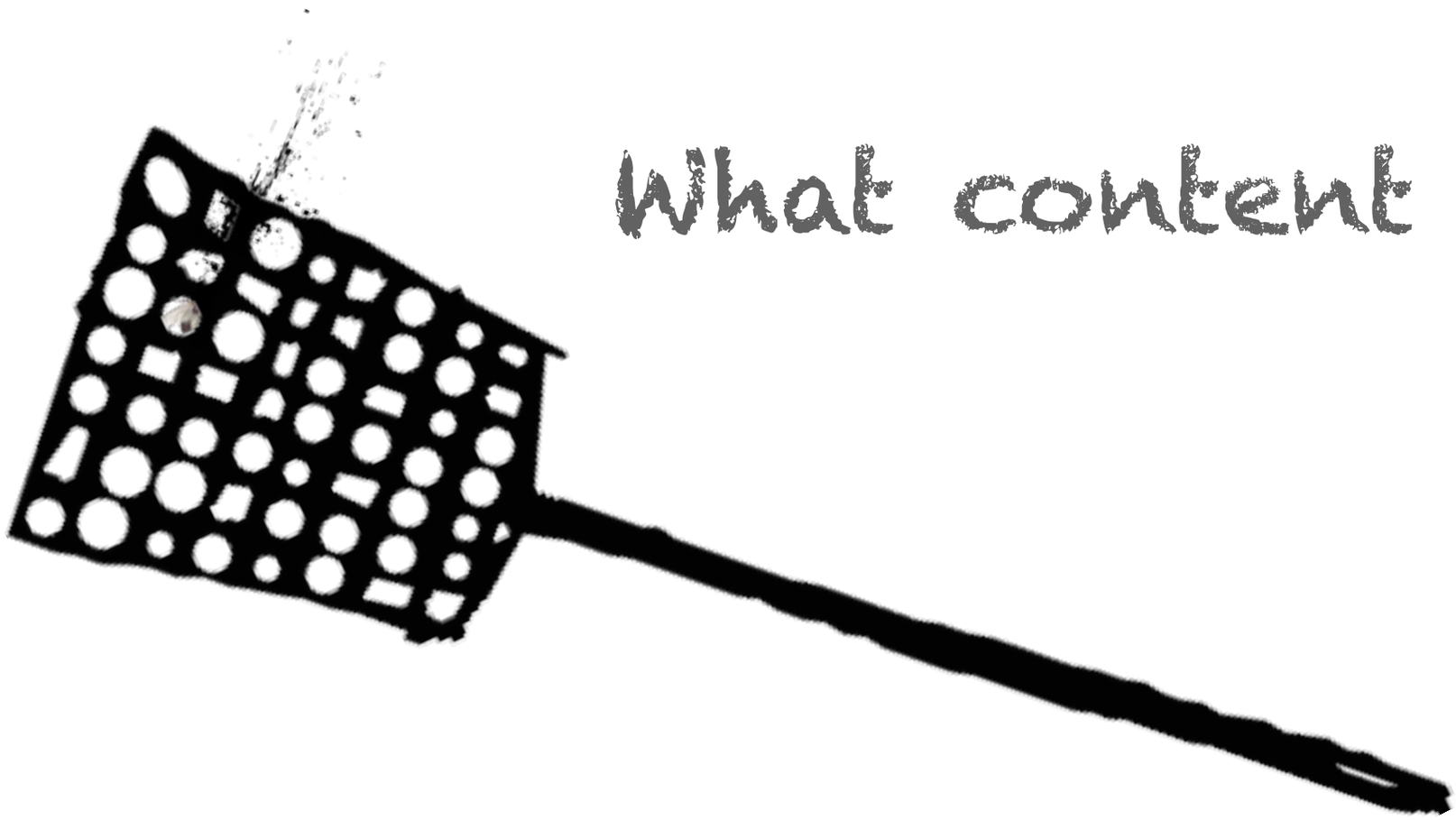
Should it be literature converted to 'nanopublications'



What content in OPS?

Should it be literature converted to 'nanopublications' on-the-fly?

What content in OPS?



Should it be literature converted to 'nanopublications' on-the-fly?

Is that even possible?

And what does that make nanopublications?

And what does that make nanopublications?

What are they?

And what does that make nanopublications?

What are they?

Data or publications?

And what does that make nanopublications?

What are they?

Data or publications?

Copyrightable or not?

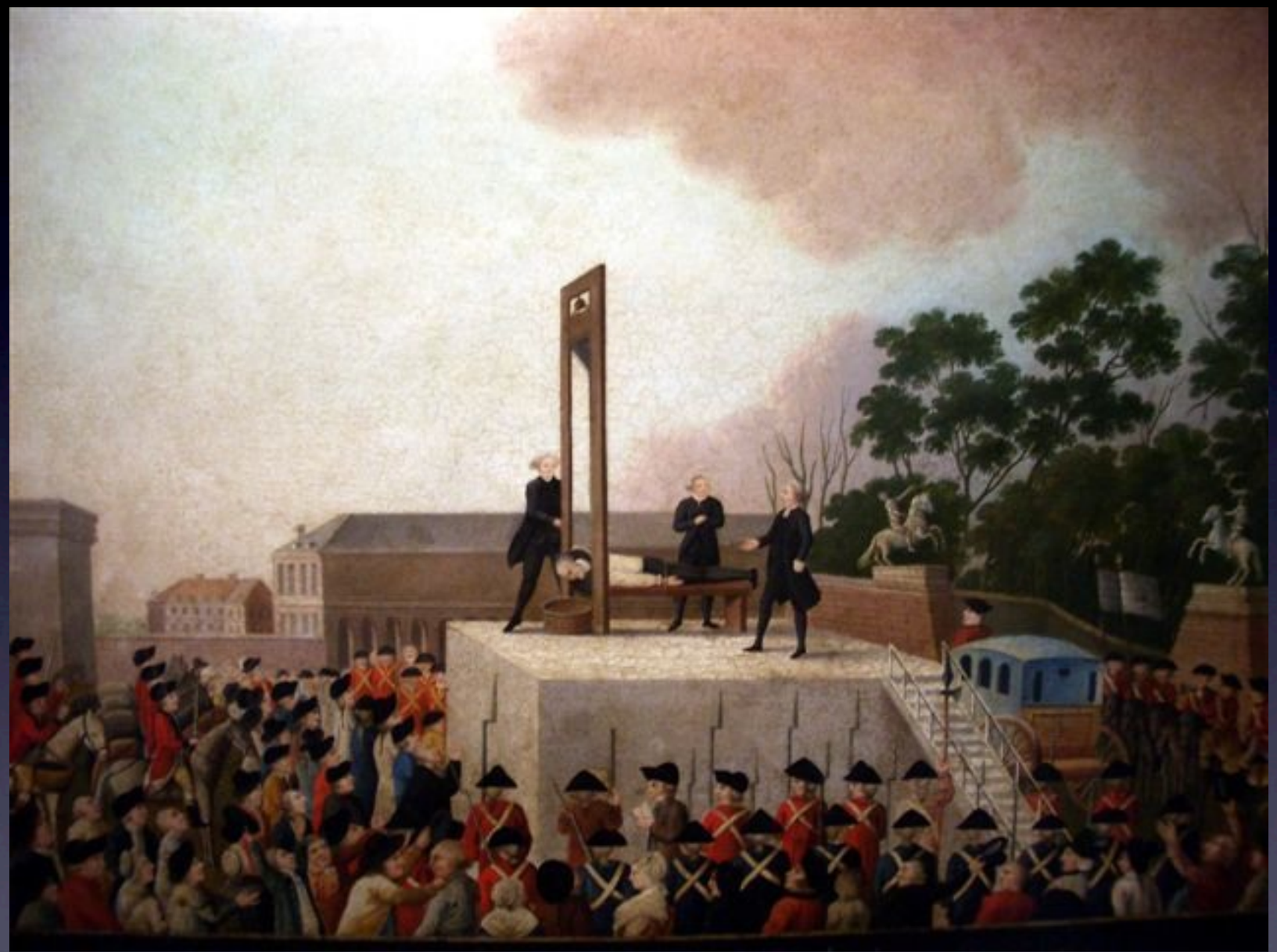
Content

is King

Content

~~C~~ King

"Used to be"



What can be copyrighted?

What can be copyrighted?

- ✓ Literature

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  (including articles, novels, song lyrics and instruction manuals)

- ✓ Art

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- ✓ Music
- ✓ Sound recordings
- ✓ Films
- ✓ Broadcasts
- ✓ Drama

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what about data?

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  (Well, depending on what the data are. Factual data are not copyrightable. Creative or expressive data are - think e.g. photos. Even then, not the information and ideas expressed in them)

- ✓ Any idea, procedure, process, system, method of operation, concept, principle, or discovery

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Nobody mentions nanopublications!

Access charges

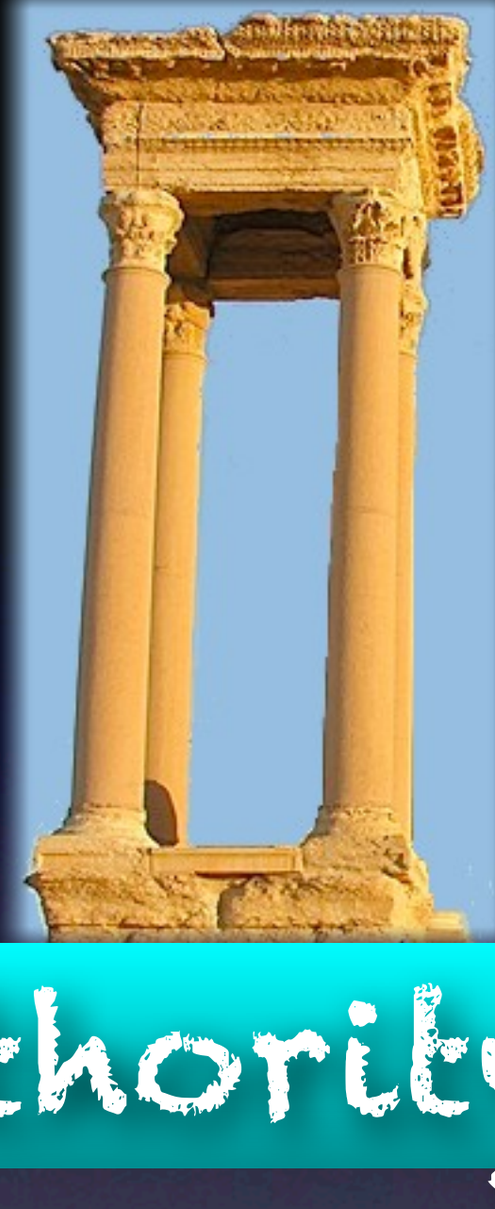
Depends on ©

Access charges

Depends on ©

Access charges

Not open access compatible



Authority services

Depends on need

Authority services

Depends on need

Authority services

open access compatible

Authority services?

Authority services?

Think:

Authority services?

Think:

✓ driver's licence

Authority services?

Think:

✓ driver's licence

✓ diploma

Authority services?

Think:

✓ driver's licence

✓ diploma

✓ acceptance in journal

Authority services?

Think:

- ✓ driver's licence
- ✓ diploma
- ✓ acceptance in journal
- ...

Authority services?

Think:

- ✓ driver's licence
- ✓ diploma
- ✓ acceptance in journal
- ...
- ...

Authority services?

Think:

- ✓ driver's licence
- ✓ diploma
- ✓ acceptance in journal
- ✓ ... acceptance in OPS
- ...

EgoSystem

EgoSystem

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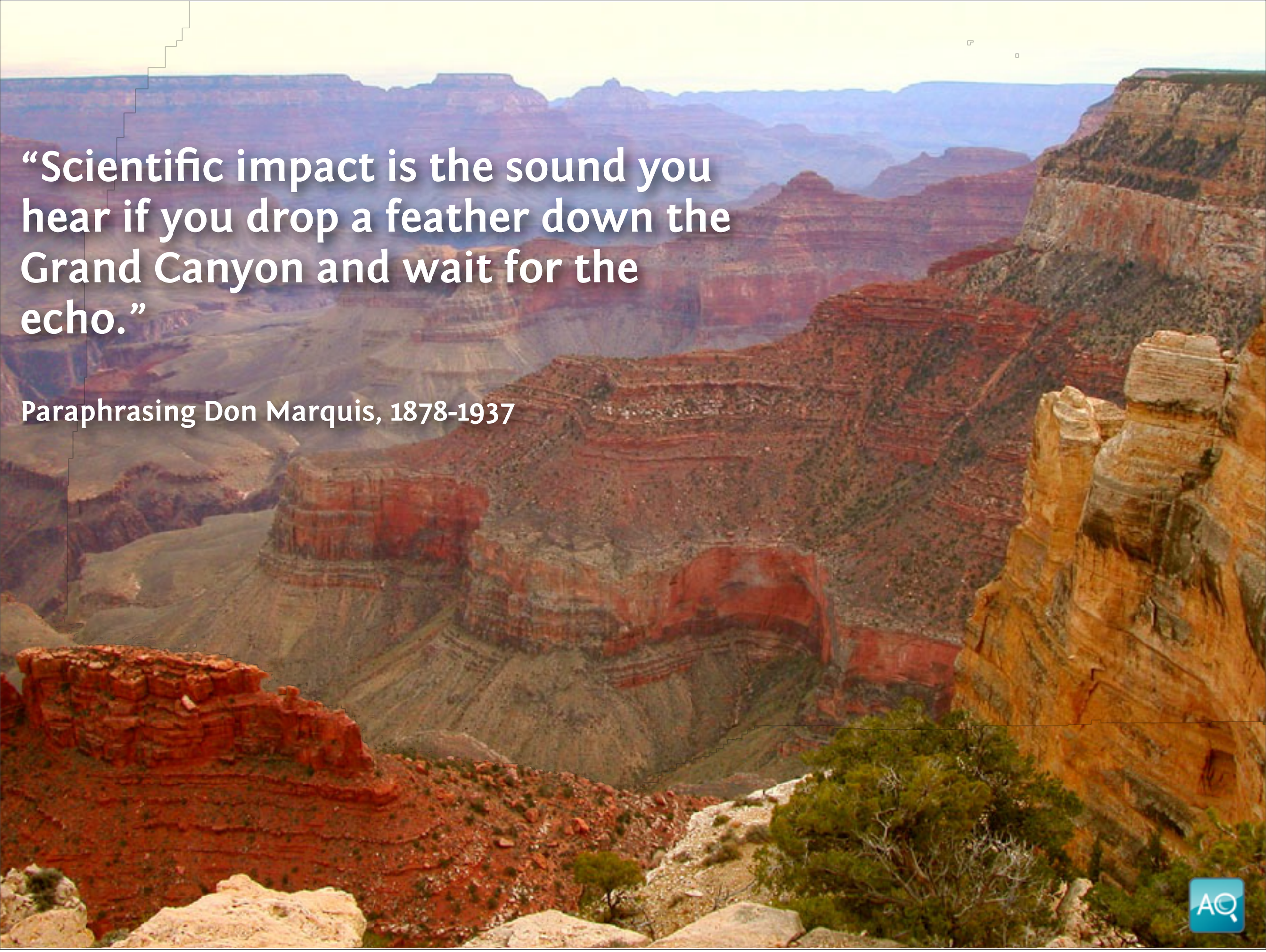
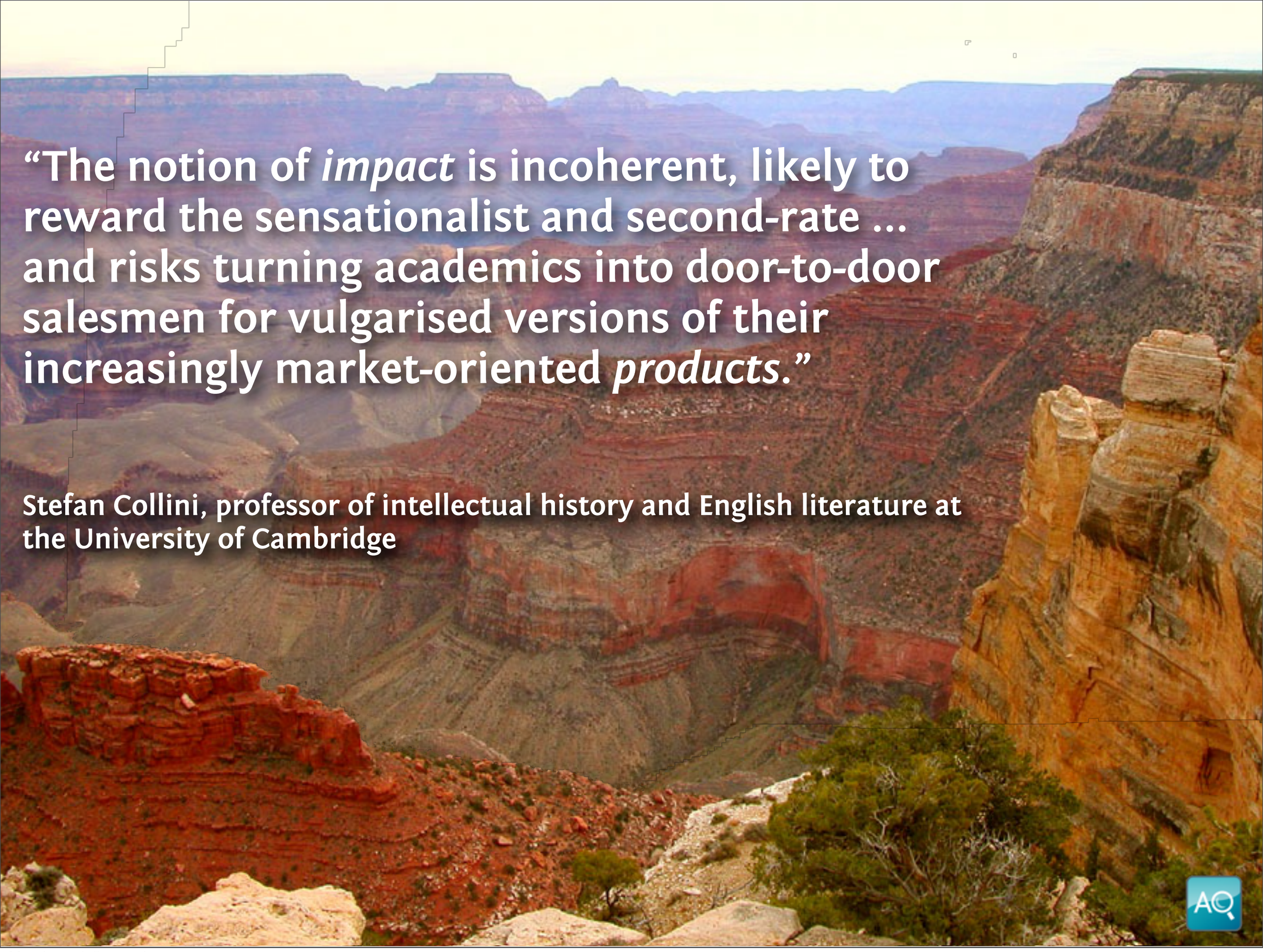
EgoSystem Impact?

Monday, 19 September 11


“Scientific impact is the sound you hear if you drop a feather down the Grand Canyon and wait for the echo.”
Paraphrasing Don Marquis, 1878-1937


“The notion of *impact* is incoherent, likely to reward the sensationalist and second-rate … and risks turning academics into door-to-door salesmen for vulgarised versions of their increasingly market-oriented *products*.”
Stefan Collini, professor of intellectual history and English literature at the University of Cambridge

impact : citation

famous : known

Citation, Acknowledgement!

SMITH & WESSON

>>>>>>>>>>>>>>>>>>> publish or perish!

Articles

>>>>>>>>>>>>>>>>>>> publish or perish!

Articles

Data?

>>>>>>>>>>>>>>>>>>> publish or perish!

Articles

Data?

This recent paper (September 7, 2011)

PLoS ONE 6(9): e24357. doi:10.1371/journal.pone.0024357

suggests not:

"A substantial proportion of original research papers published in high-impact journals are either not subject to any data availability policies, or do not adhere to the data availability instructions in their respective journals."

Enable
citation (acknowledgement)
scores for data

Enable
citation (acknowledgement)
scores for data

First step: provenance attribution

Will authors/funders pay?

Convenience services

Depends on desire

Convenience services

Depends on desire

Convenience services

open access compatible

Convenience services?

Convenience services?

Think:

Convenience services?

Think: ✓ indexing

Convenience services?

Think: ✓ indexing
✓ cleaning

Convenience services?

Think: ✓ indexing
✓ cleaning
✓ standardising

Convenience services?

Think: ✓ indexing
✓ cleaning
✓ standardising
✓ ranking

Convenience services?

Think: ✓ indexing
✓ cleaning
✓ standardising
✓ ranking
✓ aggregating

Convenience services?

Think:
- ✓ indexing
- ✓ cleaning
- ✓ standardising
- ✓ ranking
- ✓ aggregating
- ✓ visualising

Convenience services?

Think:
- ✓ indexing
- ✓ cleaning
- ✓ standardising
- ✓ ranking
- ✓ aggregating
- ✓ visualising
- ✓ integrating

Convenience services?

Think:
- ✓ indexing
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- ✓ ranking
- ✓ aggregating
- ✓ visualising
- ✓ integrating
- ...

Doesn't 'open' mean 'free'?

It means 'free' as in 'free to travel', but if you want to travel fast, you still need to pay for the train

Does 'open' mean 'immediate'?

Not necessarily - Open after a short delay and charging for immediacy may be an option.

However, paying money is not the only way

However, paying money is not the only way

Paying attention

Advertising & affiliations

open access compatible

Depends on usage,
appropriate products

Advertising & affiliations

open access compatible

Authority services

Authority services

Convenience services

Authority services

Convenience services

Advertising & affiliations

Concrete practical small

Concrete
practical
small

Grand, vague,
pipe-dream-oid

Concrete
practical
small

Grand, vague,
pipe-dream-oid

Every problem has its solution

Every solution has its problem

Thank you

velterop at aqnowledge.com