

Related-Work.net

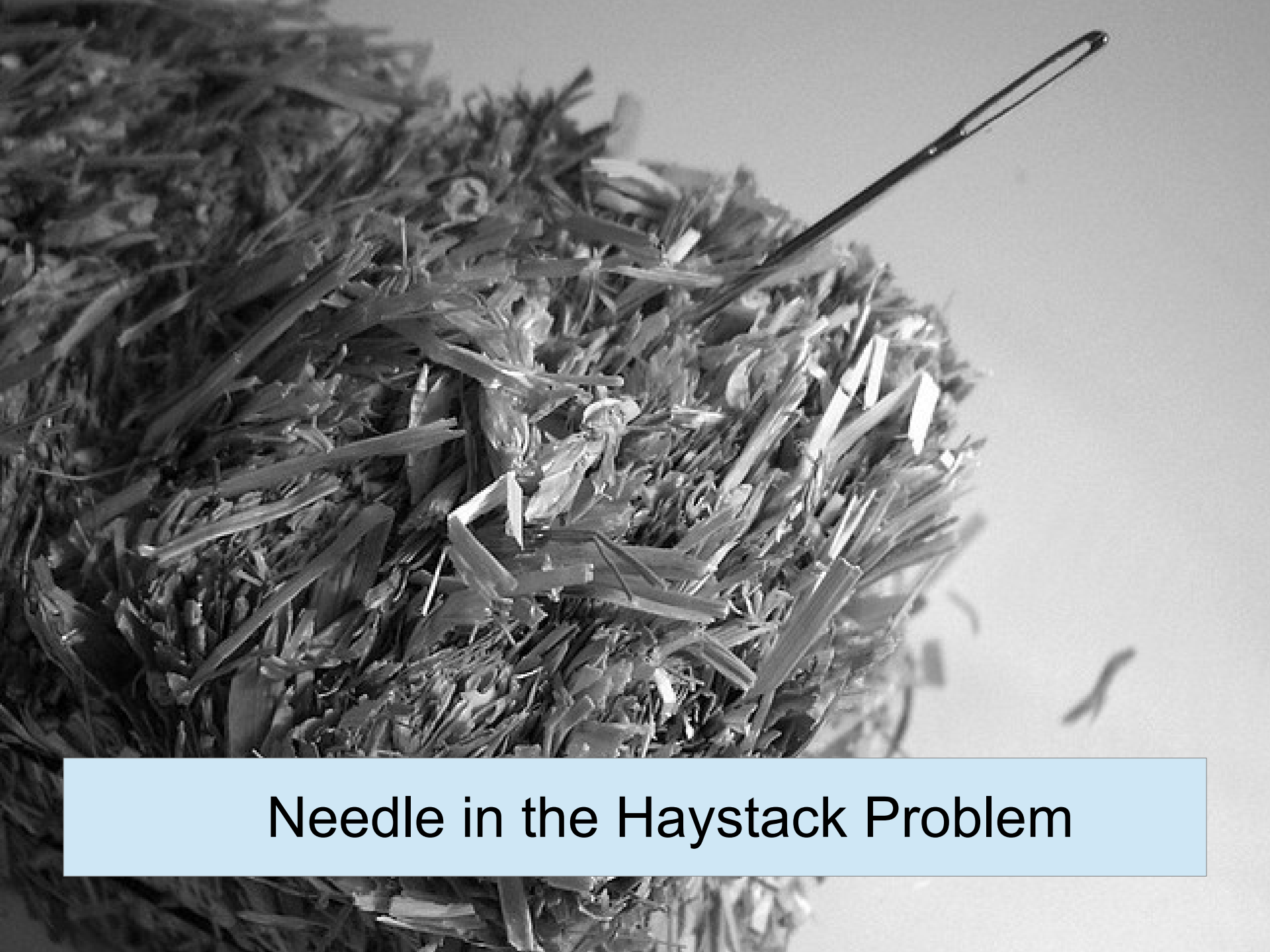
a scientific discussion platform

How to solve the needle in the haystack problem?

Oxford – Rigour and Openness

April 12th 2013

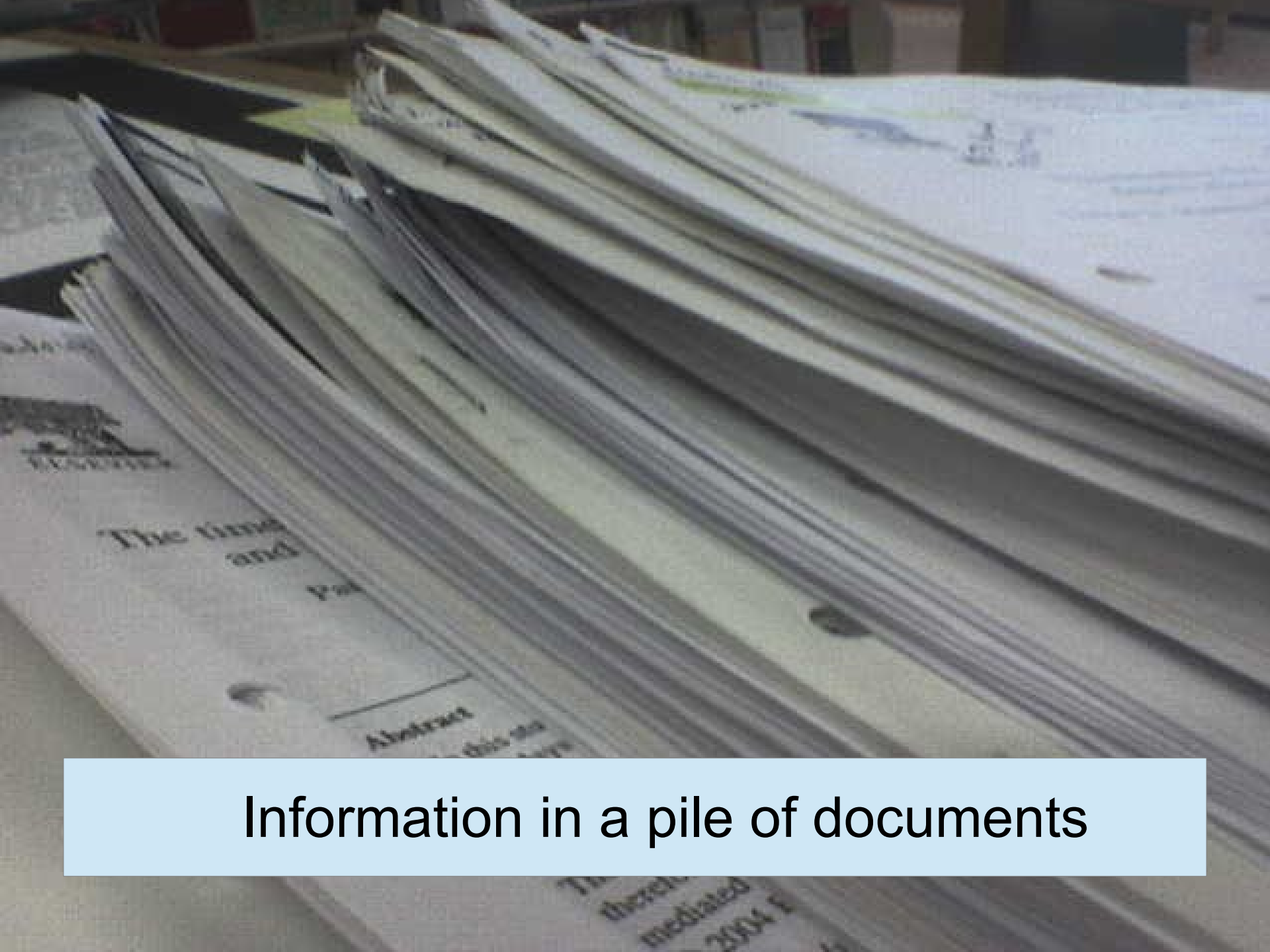
@renepickhardt & Heinrich Hartmann



Needle in the Haystack Problem

How to discover new papers that are relevant to my research?

<http://www.rene-pickhardt.de/related-work-net-product-requirement-document-released/>



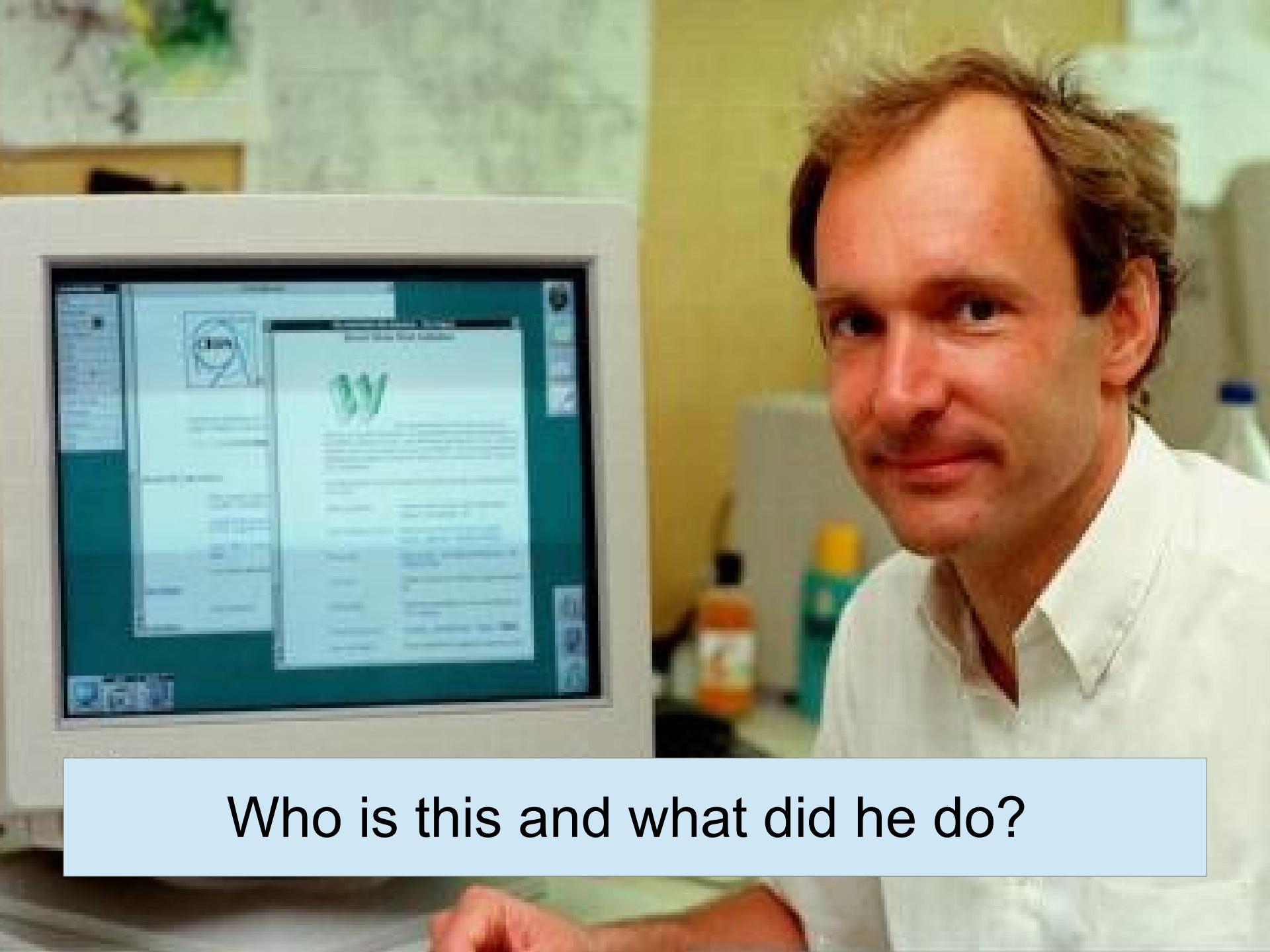
Information in a pile of documents



Our pile usually looks more like this



Let's do History



Who is this and what did he do?



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open directory project

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World

On the Web finding information was a mess !

- [Society and Culture](#) - - *People, Environment, Religion, ...*

4,830,584 sites - 75,151 editors - over 590,000 categories

Larry Page
CEO

Google!

<http://google.com/>
555 Bryant, #106
Palo Alto, CA 94301

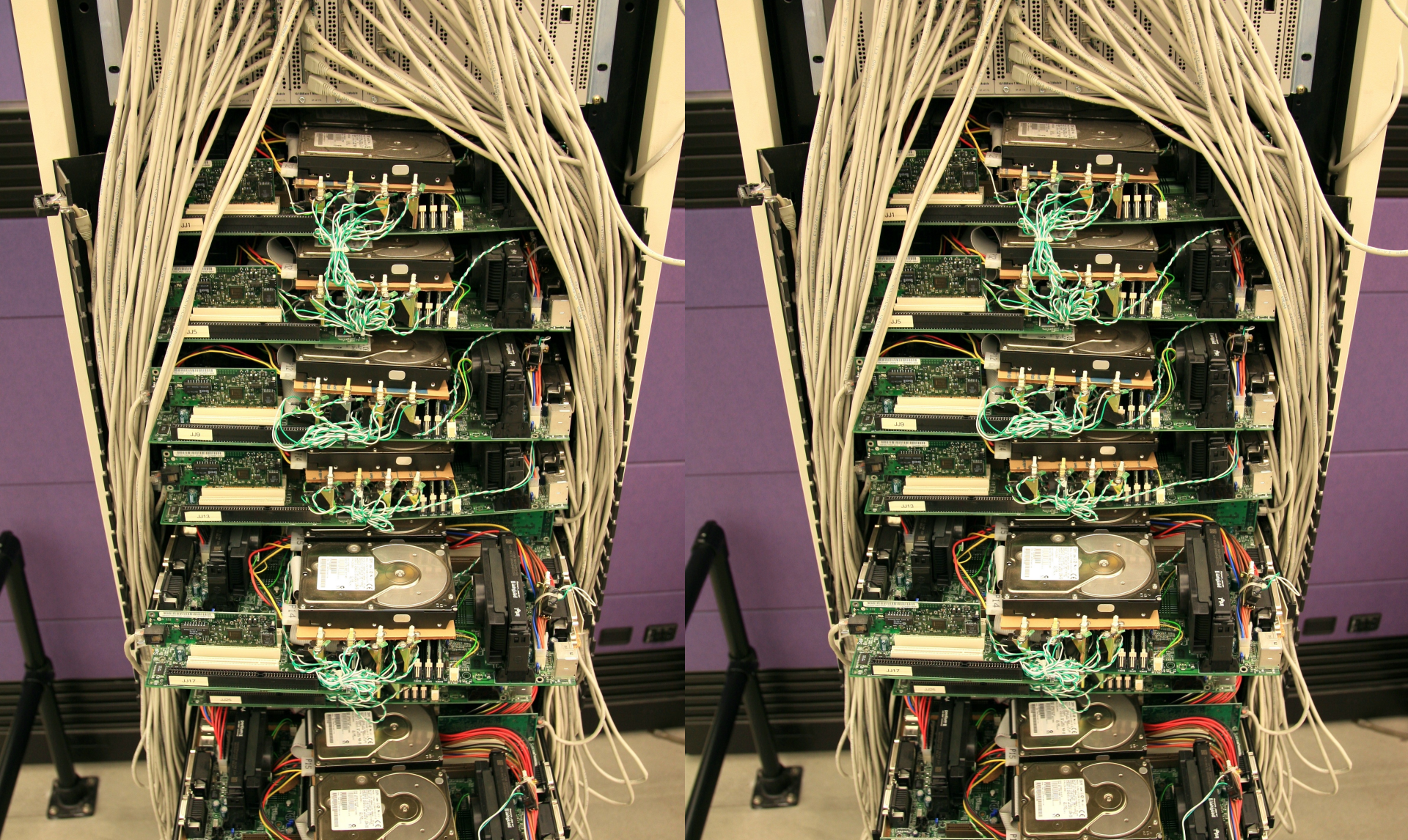
Office 650 330-0100
Fax 650 618-1499
larry@google.com

How Google solved the Problem

Open access to

Full text

Hyperlinks (Citations)



Hardware is cheap



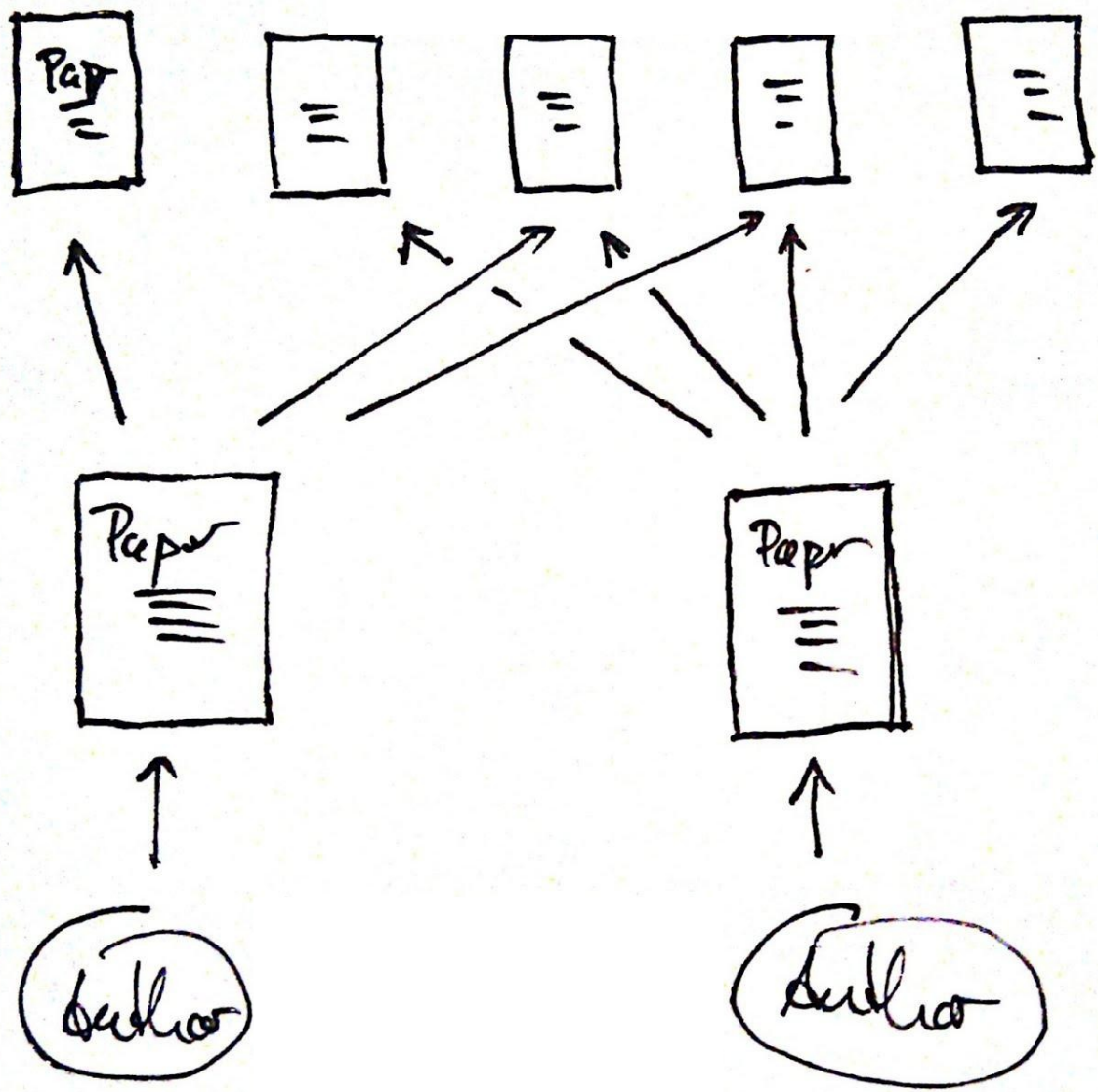
Now look at the scientific haystack

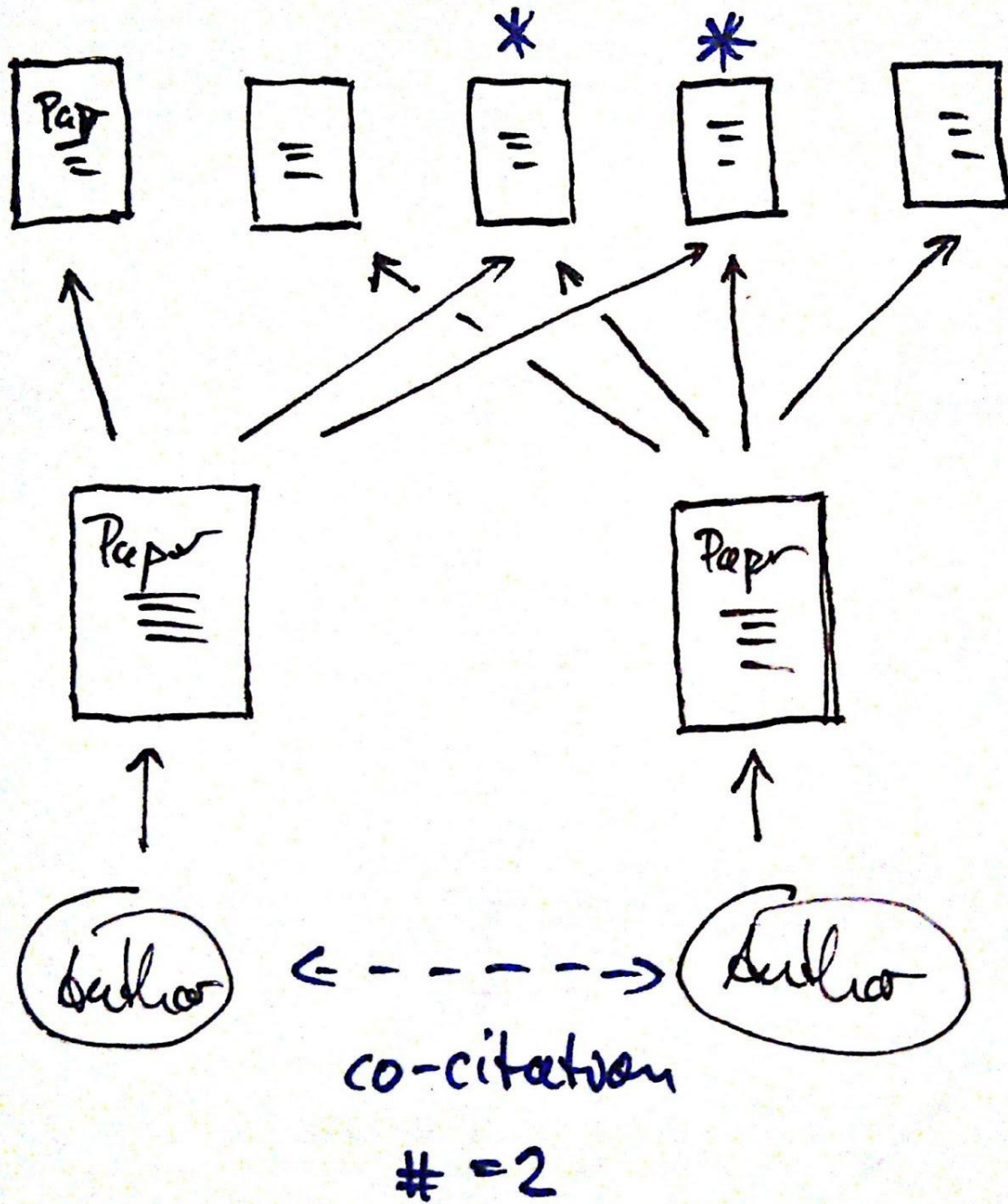
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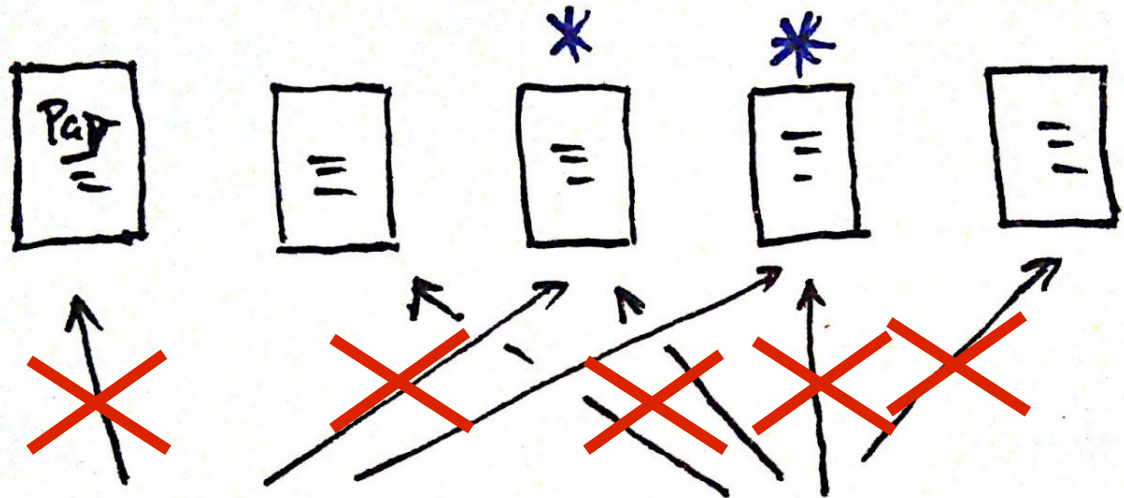
<http://www.rene-pickhardt.de/related-work-net-product-requirement-document-released/>

The truth is: Computers can solve
this problem so easily.

(Like Google solved web search)





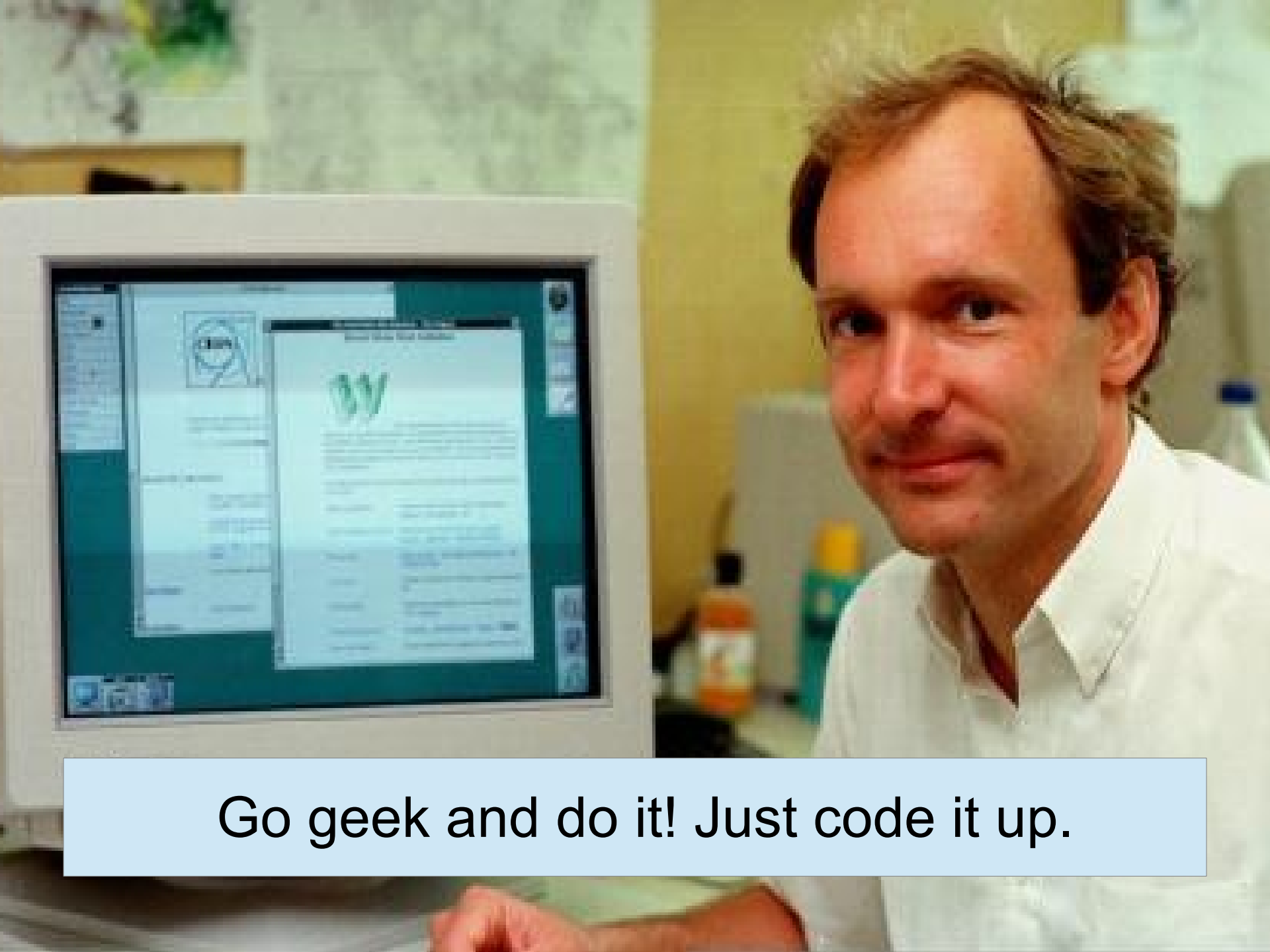


No
Open
Access



co-citation

= 2



Go geek and do it! Just code it up.

- Social community for scientists
- Open database of papers and citations
- Free software
- Strong data mining:

Recommender, Auto completion, News feed

- Already about 2 million paper indexed

- <http://www.related-work.net>
- @renepickhardt
- <http://www.rene-pickhardt.de>
- <http://www.heinrich-hartmann.net>
- <http://www.github.com/renepickhardt/related-work.net>
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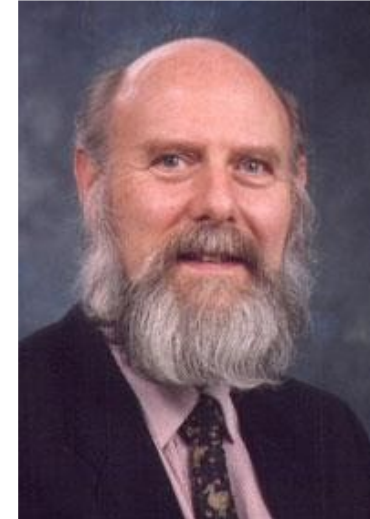


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David
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Oxford Zoologist

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