

Digital document flow in education and the Groningen Declaration

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Practice of Recognition Bridging Continents Moscow October 14th 2016





a story on nomads, monsters, jails and





a story on nomads, monsters, jails and heros



We are a nomadic species



"Maasai man, Eastern Serengeti, October 2006" by Steve Pastor at en.wikipedia - Transferred from en.wikipedia. Licensed under Public Domain via Wikimedia Commons -



and nomads travel with all their belongings



by R.Oosterbaan [Public domain], via Wikimedia Commons



Formal academia In-job training Self training Life training



Studying Working Living Playing









"All your documents are born digital"

Thomas C. Black, @stanford.edu









The big tree killer



By Leonid Kulik, the expedition to the Tunguska event - Vokrug Sveta, 1931, Public Domain, https://commons.wikimedia.org/w/index.php?curid=337448



The big tree killer







The big tree killer bad for information freedom



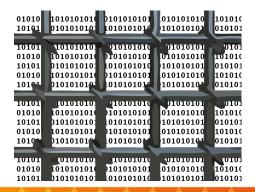


Information caught in the paper jail

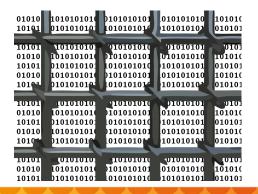
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10101	101010101	010101010	01010101	0101
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10101	01010101010	01010101010	10101010101	010101
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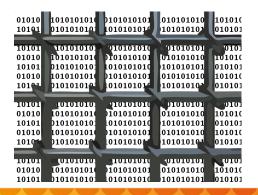






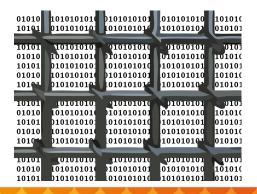
- Difficult to verify





- Difficult to verify
- Difficult to transport





- Difficult to verify
- Difficult to transport
- Difficult to preserve





- Difficult to verify
- Difficult to transport
- Difficult to preserve
- Difficult to retrieve





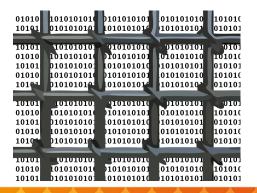
- Difficult to verify
- Difficult to transport
- Difficult to preserve
- Difficult to retrieve
- Too easy to create





- Difficult to verify
- Difficult to transport
- Difficult to preserve
- Difficult to retrieve
- Too easy to create
- Easy to forge





- Difficult to verify
- Difficult to transport
- Difficult to preserve
- Difficult to retrieve
- Too easy to create
- Easy to forge
- Bad for the environment

Difficult paper is this fake or real?

رمتصص مراض تحوشن كلوسى مرطب وغتون كا ومى علوم على

Real fake Afgan military ophtalmologist accreditation from Herman de Leeuw archive







- + Easy to verify





- + Easy to verify
- + Easy to transport





- + Easy to verify
- + Easy to transport
- + Easy to store





- + Easy to verify
- + Easy to transport
- + Easy to store
- + Easy to process





- + Easy to verify
- + Easy to transport
- + Easy to store
- + Easy to process
- + Easy to retrieve





- + Easy to verify
- + Easy to transport
- + Easy to store
- + Easy to process
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- + Easy to create





- + Easy to verify
- + Easy to transport
- + Easy to store
- + Easy to process
- + Easy to retrieve
- + Easy to create
- + Easy for the environment





Digital Diploma Deposits





Digital Diploma Deposits

- Fraud prevention
- Friction reduction
- Loss recovery





Digital Diploma Deposits What are they useful for?

- Data ownership
- Privacy rights
- Identification
- Access

- Comparability
- Compatibility
- Aceptance
- Recognition





Standards Trust





The Solution



http://www.groningendeclaration.org/



I'll pass the floor to my good friend and GDN Executive Secretary Herman de Leeuw Thank you

