Digital Student Data

user centric future?

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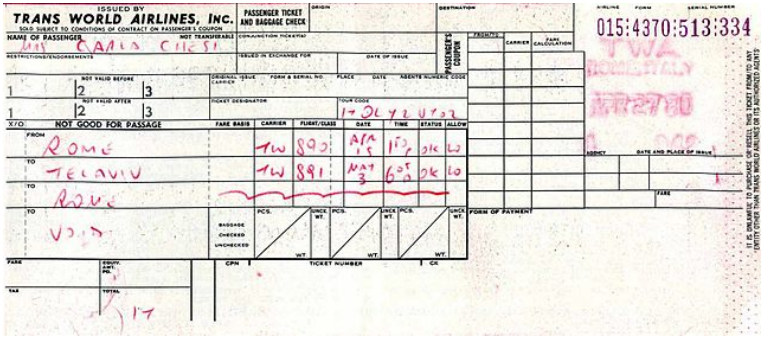
The Digatisation Agenda
Re-thinking the role of qualifications and skills
Dublin/Baile Átha Cliath
October 24th, 2017

Humans 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



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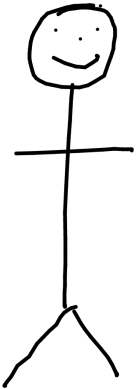
How do you like flying without papers?

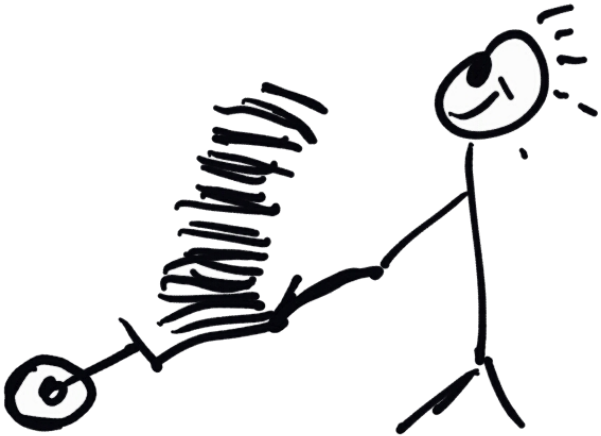
Formal academia
In-job training
Self training
Life training



Studying
Working
Living
Playing

All your documents are born digital

Tom Black @stanford.edu



Digitalisation *is* a must

but

Digital change $\Rightarrow$ culture change

Digitalisation *is* a must

but

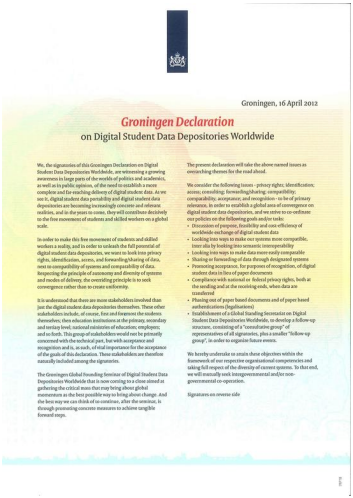
Digital change $\Rightarrow$ culture change

Changing cultures take some time :-)

April 2012
the Groningen Declaration
presented to the world

Declaration of intent:

Citizens world wide should be able to consult and share their authentic educational data with whomever they want, whenever they want, wherever



Groningen, 16 April 2012

Groningen Declaration

on Digital Student Data Depositories Worldwide

We, the signatories of this Groningen Declaration on Digital Student Data Depositories Worldwide, are witnessing a growing awareness in large parts of the worlds of politics and academics, as well as in public opinion, of the need to establish a more complete and far-reaching delivery of digital student data. As we see it, digital student data portability and digital student data depositories are becoming increasingly concrete and relevant realities, and in the years to come, they will contribute decisively to the free movement of students and skilled workers on a global scale.

In order to make this free movement of students and skilled workers a reality, and in order to unleash the full potential of digital student data depositories, we want to look into privacy issues, to enhance the ease of exchange of student data, and to aim to compatibility of systems and interoperability of data. Respecting the principle of autonomy and diversity of systems and modes of delivery, the overriding principle is to seek convergence rather than to create uniformity.

It is understood that there are more stakeholders involved than just the digital student data depositories themselves. These other stakeholders include, of course, first and foremost the students themselves; then education institutions at the primary, secondary and tertiary level; national ministries of education; employers; and so forth. This group of stakeholders would not be primarily concerned with the technical part, but with acceptance and recognition and is, as such, of vital importance for the acceptance of the goals of this declaration. These stakeholders are therefore naturally included among the signatories.

The Groningen Global Founding Seminar of Digital Student Data Depositories Worldwide that is now coming to a close aimed at gathering the critical mass that may bring about global momentum as the best possible way to bring about change. And the best way we can think of to continue, after the seminar, is through promoting concrete measures to achieve tangible forward steps.

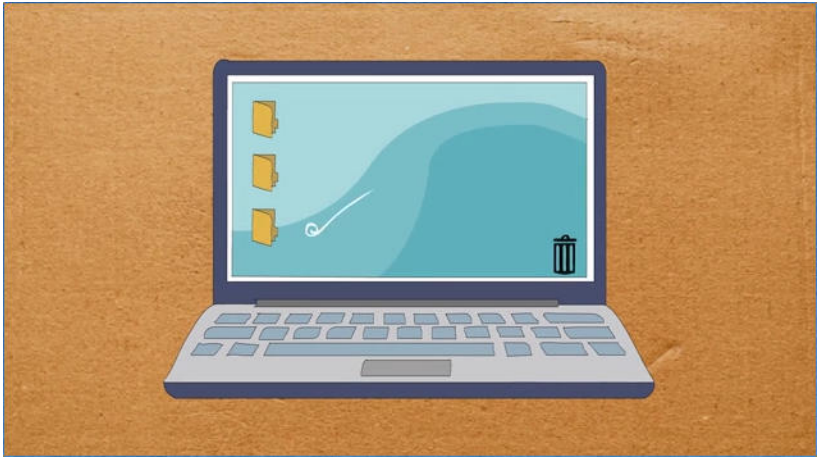
The present declaration will take the above named issues as overarching themes for the road ahead.

We consider the following issues - privacy rights; identification; access; controlling; forwarding/sharing; compatibility; comparability; acceptance; and recognition - to be of primary relevance, in order to establish a global area of convergence on digital student data depositories, and we strive to co-ordinate our policies on the following goals and/or tasks:

- Discussion of purpose, feasibility and cost-efficiency of worldwide exchange of digital student data
- Looking into ways to make our systems more compatible, inter alia by looking into questions interoperability
- Looking into ways to make data more easily comparable
- Looking into ways to enhance data driven designated systems
- Promoting acceptance, for purposes of recognition, of digital student data in lieu of paper documents
- Compliance with national or federal privacy rights, both at the sending and at the receiving ends, when data are transferred
- Phasing out of paper based documents and of paper based authentications (legalisations)
- Establishment of a Global Standing Secretariat on Digital Student Data Depositories Worldwide, to develop a follow-up structure, consisting of a "coordinative group" of representatives of all signatories, plus a smaller "follow-up group", in order to organise future events.

We hereby undertake to attain these objectives within the framework of our respective organisational competencies and taking full respect of the diversity of current systems. To that end, we will mutually seek intergovernmental and/or non-governmental co-operation.

Signatures on reverse side



How will the GDN achieve its goals

Mission	Aiming to Deliver on Digital Student Data Portability
Vision	Towards a Trusted Digital Student Data Ecosystem
Values	Security and Privacy

Groningen Declaration Network

a public space for all to share ideas and build consensus

https://commons.wikimedia.org/wiki/File:1911_Auftrag_Stadtdirektor_Heinrich_Tramm_an_Ferdinand_Hodler.

Changing cultures take some time

Changing cultures take some time

but

Changing cultures take some time

but

Change is accelerating lately

GDN Annual meeting 2014 Washington DC

we dreamed about *eduCoin*

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2017

just three years later

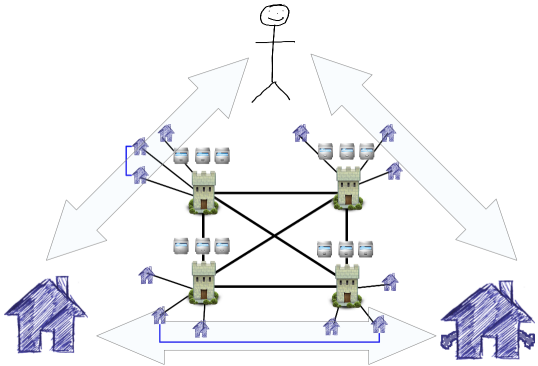
How?

Annual meetings

2012	Groningen	Founding seminar
2013	Beijing	Digital Diploma Depositories Worldwide
2014	Washington D.C.	Defining the Digital Student Data Ecosystem
2015	Málaga	Ready for take off. Calls, funding, pilots and upscaling.
2016	Cape Town	A digital world for all. Making skills mobile.
2017	Melbourne	Extending engagement
2018	Paris	The age of opportunity: Privacy, trust and learner mobility.

Pilots everywhere

- Netherlands $\leftrightarrow$ Flanders
- Netherlands $\leftrightarrow$ USA
- China $\leftrightarrow$ USA
- México $\leftrightarrow$ USA



Task forces

- Principles (work finished)
- Business case
- Dissemination
- Empowering Cross Border Enrolment and Student Loan Portability
- Mid-term vission 2020
- Pilots
- Privacy
- Verification Policies and Best Practices

Projects

- Blockchain in Education
- Digital Diploma Supplement
- EMREX
- Erasmus app
- Erasmus without Paper
- European Qualification Passport for Refugees
- European Student Card
- Global Convention on Recognition of HE Qualifications
- Online Learning Agreement System
- Open Badges

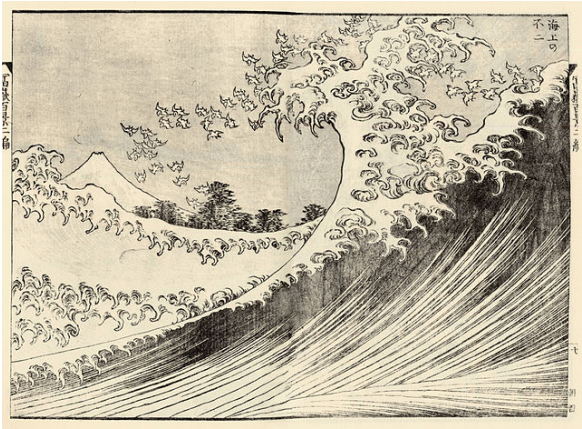
Foster collaborations

Success case:	My eQuals (https://myequals,edu.au)
Pourpose:	Person centric access to electronic academic credentials
Serving:	Australia and New Zealand Universities
Implementor:	Digitary (an Irish company)
Contact:	GDN AM 2015 in Málaga

2017

just three years later

the blockchain wave is here to stay



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we can surf it

By 2010_mavericks_competition.jpg: Shalom Jacobovitz derivative work: Brocken Inaglory - 2010_mavericks_competition.jpg (taken on 2010-02-13), CC BY-SA 2.0, via Wikimedia Commons

or we can perish under it

By Ivan Aivazovsky - Hermitage Torrent, Public Domain, via Wikimedia Commons

How can we surf?

How can we surf?

Formal academia
In-job training
Self training
Life training

Studying
Working
Living
Playing

How can we surf?

Formal academia
In-job training
Self training
Life training

Studying
Working
Living
Playing

be person centric *my friend*

wait ...

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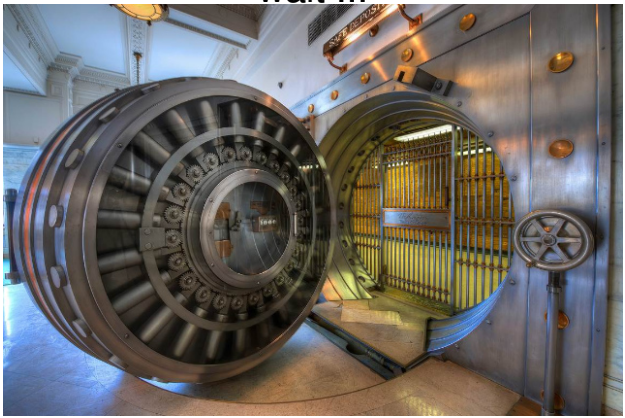
wait ...



shall we close our Digital Diploma Depositories?

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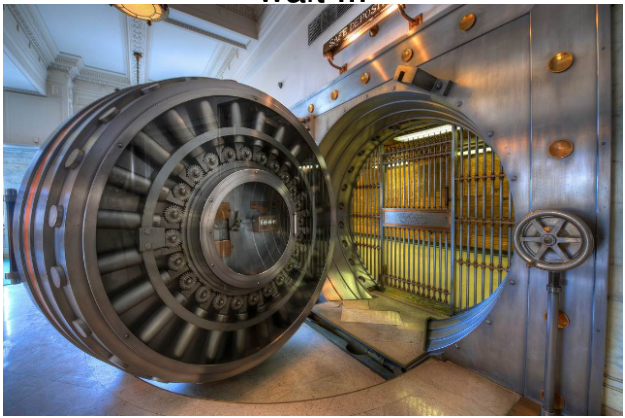
wait ...



no way, we need a secure palce to store documents

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The GDN is open to all here

http://www.groningendeclaration.org/

gdn@groningendeclaration.org

Thank you
go raibh maith agat

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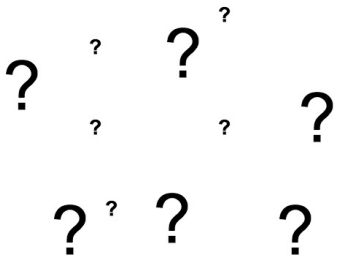
Thank you
go raibh maith agat

Questions?



answers not assured
(choose your preferred meaning)