Erasmus Without Papers from a low level technical view

Victoriano Giralt

President of the Groningen Declaration Executive Committee

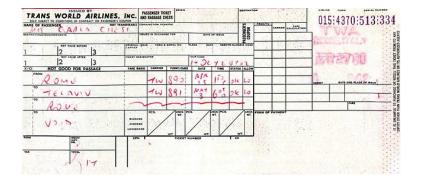
> Central ICT Services University of Málaga

ERACON Poznań May 16th, 2013



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Flying without papers

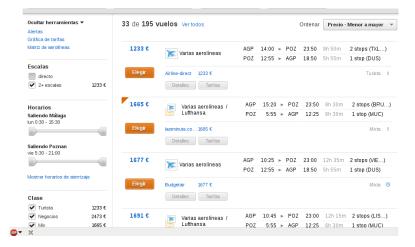
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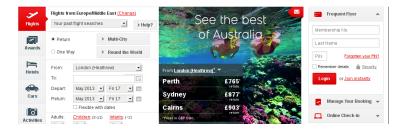


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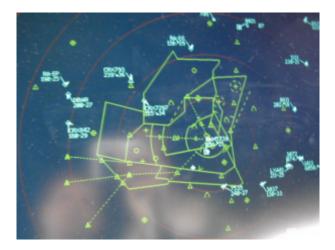
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TCP/IP BGP SMTP HTTP IMAP XMPP X.509 TLS SAML OAuth OpenID SOAP XML ReST JSON PDF ODF SCHAC MLO ELM ELMO

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http://www.eid-stork.eu/

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http://www.edugain.org/

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The future of Digital Student Data Portability

http://www.groningendeclaration.org/

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Behavioral trust

- person to person
- institution to institution
- person to institution
- reputation based
- supported by feelings

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Trust

Technical trust

- institution to institution
- institution to *network*
- system to system
- procedure based
- supported by technology



The three laws of crypto

- Confidentiality
- Integrity
- Non repudiation

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Actors



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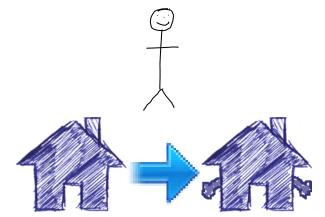
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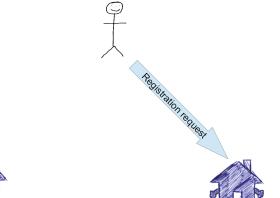
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student wants to go from home to receiving institution

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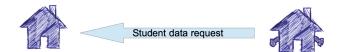
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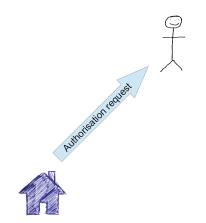
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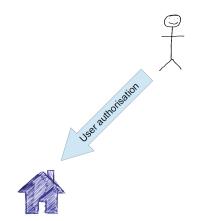
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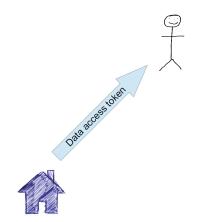
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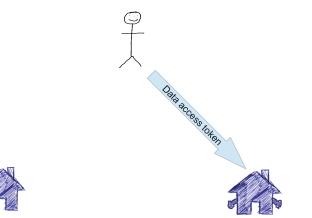
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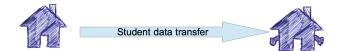




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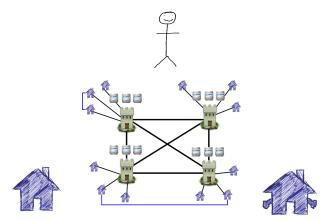
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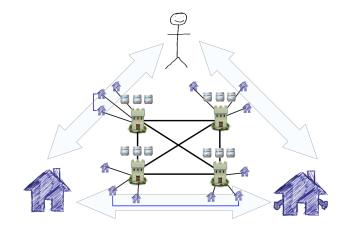
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Erasmus without papers?

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Remember

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Remember All your documents are born digital

Tom Black @stanford.edu

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Thank you



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Thank you

Questions?

answers not assured



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