

Trust and the European Framework for Audit and Certification of Digital Repositories

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TRUST

“a psychological state comprising the intention to accept vulnerability based upon positive expectations of the intentions or behavior of another”

(Rousseau et al. 1998, 395)

TRUST

Uncertainty

Dependence

Vulnerability

Trustworthiness

“the perceived likelihood
that a particular trustee
will uphold one’s trust”
(Kelton et al. 2008, 367)



Building blocks of trustworthiness

Integrity

Transparency

trustee actions and attributes

Reputation

Social factors

Competence

Predictability

Third-party endorsements

Guarantees

Identification

external acknowledgement

Positive intentions

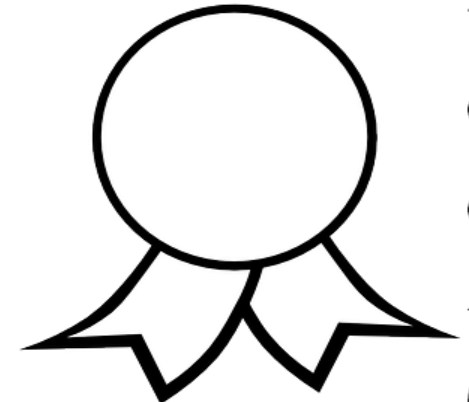
Benevolence

Building trust: Where to begin?



Audit & Certification

- Application of standards / check lists in
 - (re-)designing digital repositories
 - self-audit/-assessment: internal checking of compliance (optional: external review of documentation)
 - certification processes: review by external auditors, often including interviews and on-site observation in addition to document review

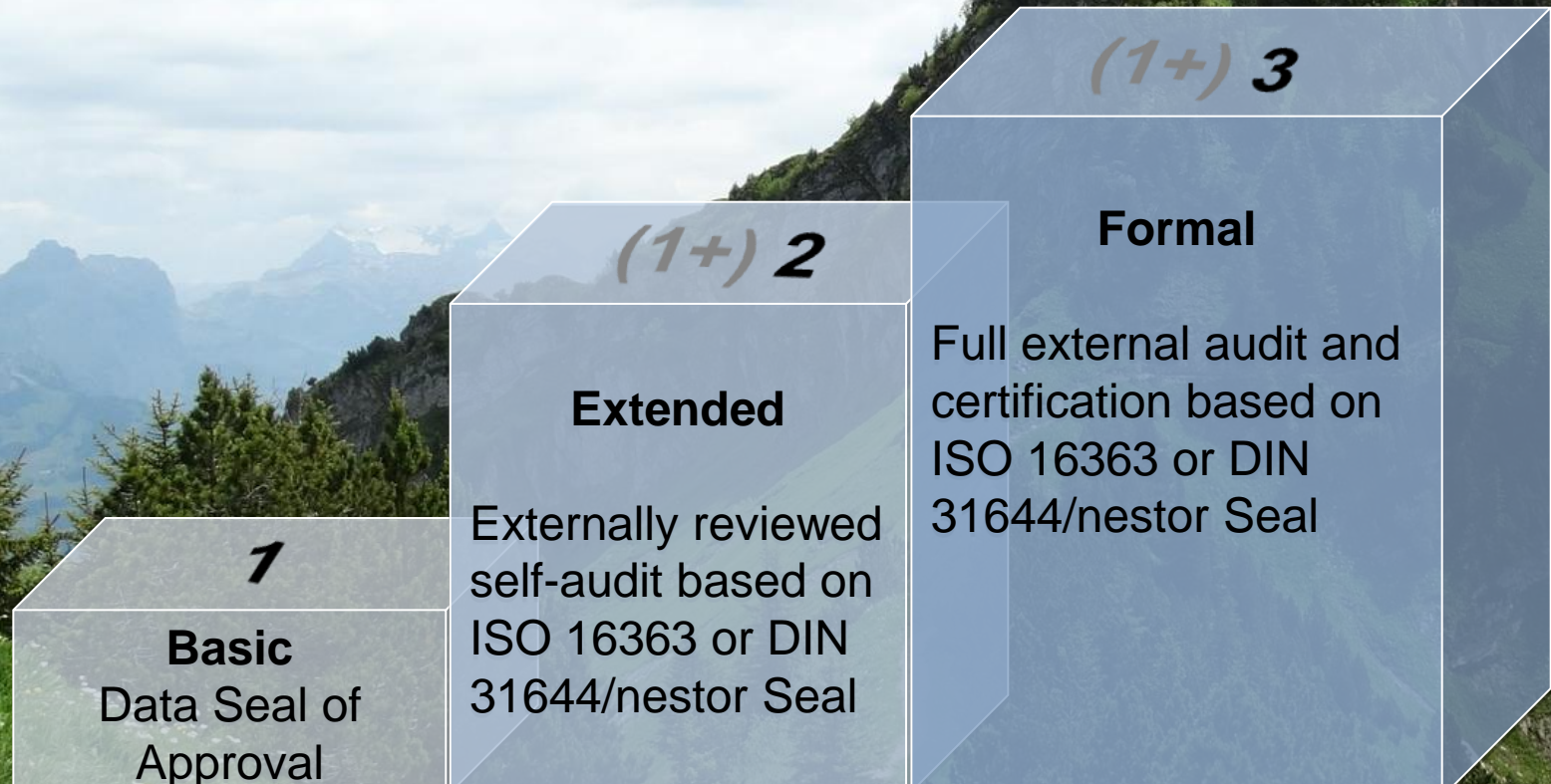


Memorandum of Understanding

- ...to create a European Framework for Audit and Certification of Digital Repositories (<http://www.trusteddigitalrepository.eu>)
- signed by three groups working on standards for Trusted Digital Repositories:
 - CCSDS/ISO Repository Audit and Certification Working Group (RAC)
 - Data Seal of Approval (DSA)
 - DIN Working Group “Trusted Archives - Certification”

Memorandum of Understanding

Three levels of certification



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