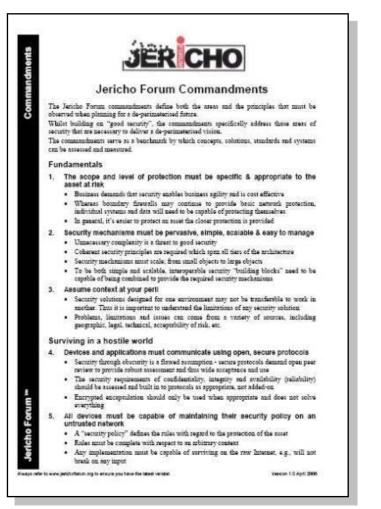


# Jericho Forum®

## Identity Webinar









#### Jericho Forum Commandments

#### Jericho Forum Identity Commandments

Freely available at www.jerichoforum.org/publications.htm



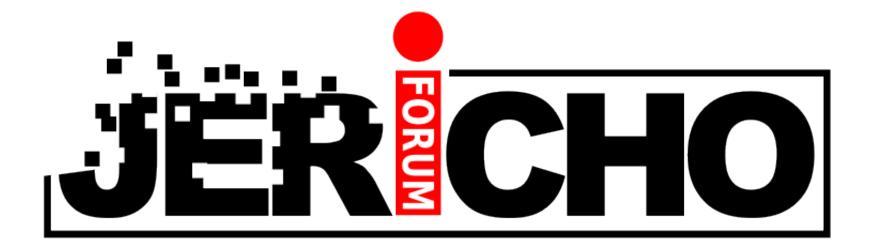
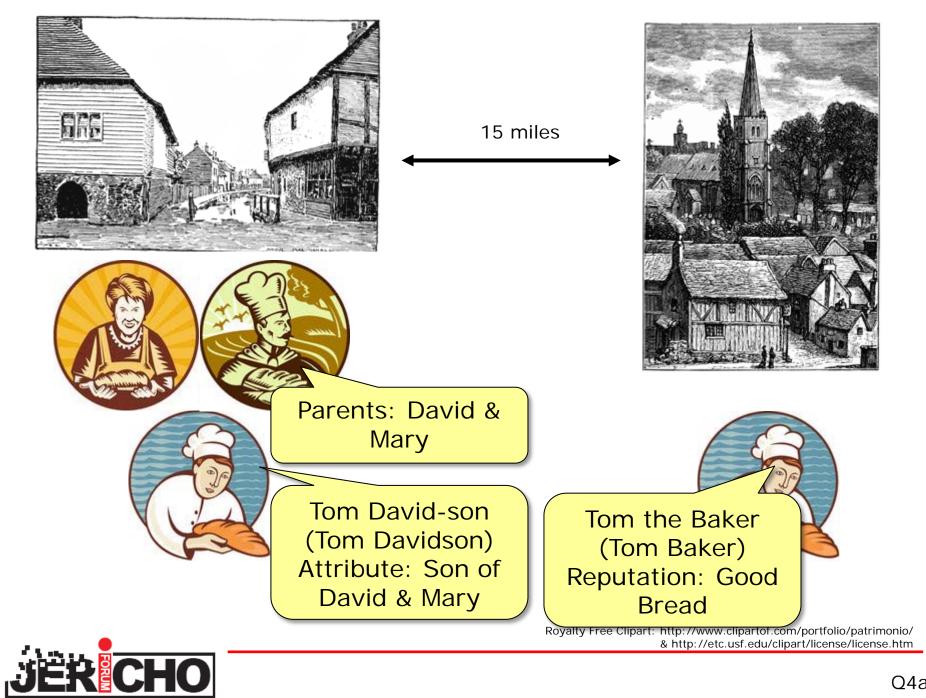


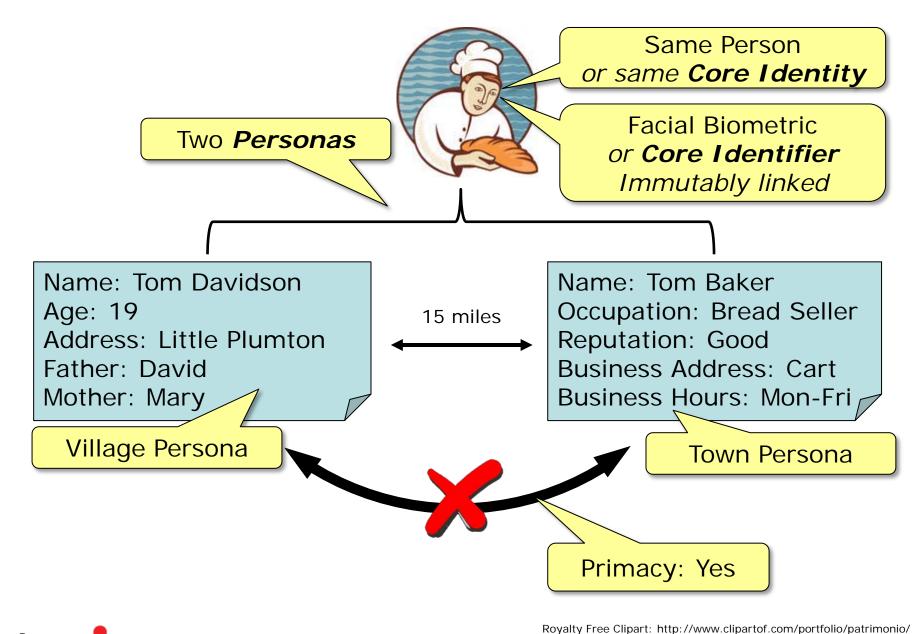






Photo © Paul Simmonds





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Key aspects for privacy & primacy

- Immutable linking of Core Identity to Core Identifier
  - The only thing we really care about is serial pseudo-anonymity
- Free to set up as many (or as few) Persona's
- The entity must have primacy over all it's personas
- One way trust from unique identifier to a persona
- Thus not able to go "back up the tree"
- Acid test: can you anonymously vote?



## Entities

- Users
- Devices
- Organizations
- Code ~
- Agents

**Note**: Data is not an entity unless self-protecting – then it's

code!



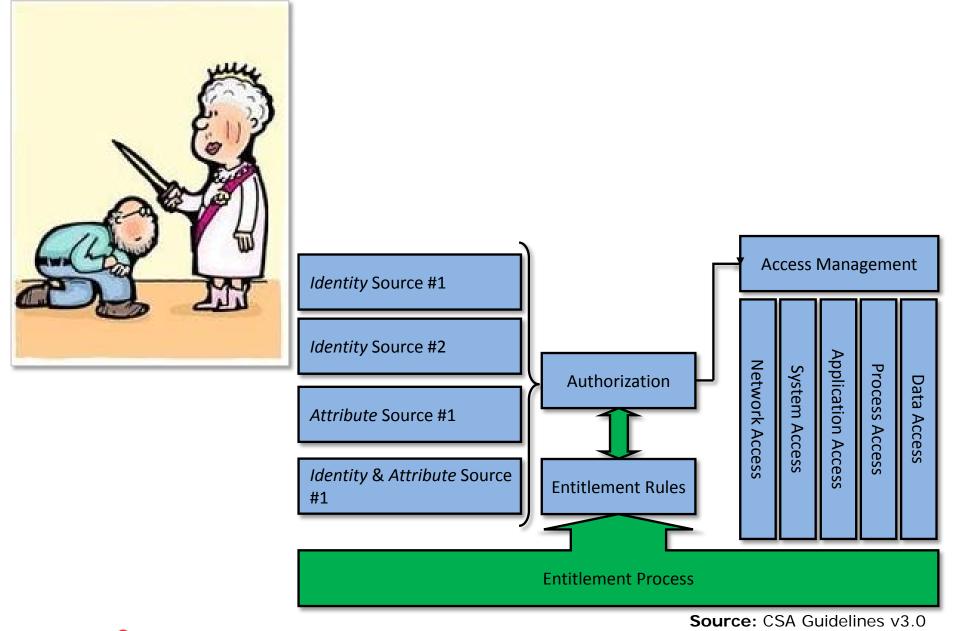
#### Core Identity

Some of my persona's (Paul Simmonds)

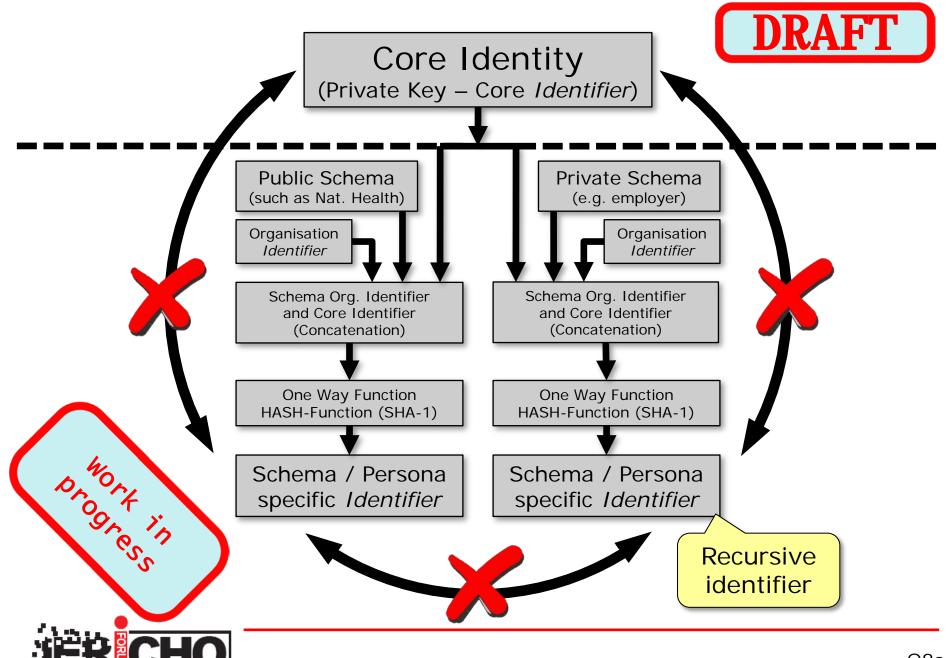
Security (IISP / Qualifications)	Kayak Instructor (BCU / Qual's)	Scout activity instructor (CRB etc.)	Home Owner (Utility Companies)	Home Owner (Legal / Statutory)	Employee	E-mail (Account access & sending)	Ethnicity / Religion / Sexual (SPI)	Parent / Husband / Child	Bank / Savings / Investments	National Health Service – Access	Citizen – Right of abode / Travel	Citizen - Taxpayer	Citizen – Council / Voter	Hotel – Customer / Loyalty	Airline – Passenger / Loyalty	Information Consumer (Web sites)	E-Commerce (i.e. Amazon)	Social Networking (i.e. Facebook)

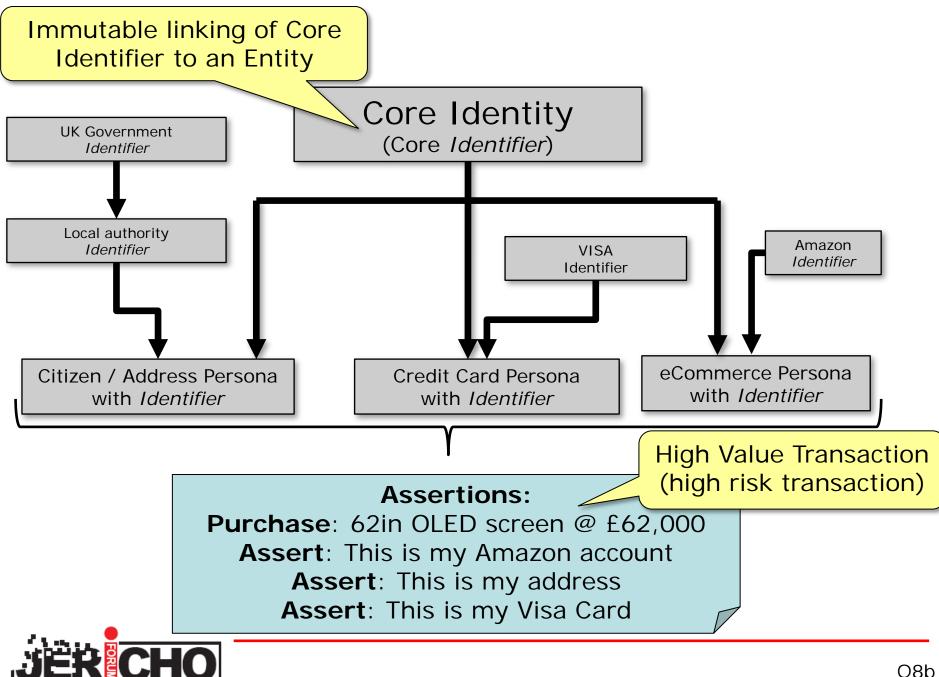
Personas of my Core Identity











### **Government Schemes**

- UK ID Scheme (failed)
- NSTIC (National Strategy for Trusted Identity in Cyberspace)
- STORK (pan-European <u>recognition</u> of electronic Ids)
- UK Cabinet Office initiatives
- Other Government ID Schemes
  - German "EID card"
  - Austrian "Citizen Card"
  - Estonian "ID Card"
  - Finland "Citizen Certificate"
  - Hong Kong "Smart ID Card"
  - Malaysian "MyCad"
- EURIM



Acid tests for a good Identify Ecosystem

- Secure open to review by experts
- Trust eco-system needs to be built on rock
- Open cryptography
- Recursive cryptography
- Open implementation reference model
- Implementable anywhere in the world

Read more in the Jericho Forum response to NSTIC

http://www.nist.gov/nstic/governance-comments/Jericho-Forum\_NSTIC-NOI-July2011.pdf



## Action List

- Read the JF Identity Commandments
- Implement identity for all entities
- Mobile Device Management to onboard user-owned BYOD
- Implement authentication with attributes and rules (entitlement rules)
- Have good Master Data Management processes
- Develop a good identity strategy
- Perform an Identity risk assessment as it's foundation
- Get involved in NSTIC
- Add a SAML capability (to existing corporate ID solution)
- Adopt Open Authentication (OAuth)



#### **Questions & Comments**

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#### Shaping security for tomorrow's world



