



IS AN IDENTITY NEEDED

- GO TO A SHOP - PAY IN CASH
 - NO QUESTIONS ASKED, NO NAME, NO ID
- PAY BY CHECK => LOTS OF QUESTIONS
 - NAME, ID CARD, PHONE, SIGNATURE, etc.

WHAT WORTH IS IT ?

- NOT AUTHENTICATED, BUT
- THE STORE NEEDS THE MONEY
- COLLECT MORE INFO THAN NEEDED

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DIGITAL CERTIFICATES

- DELIVERED BY COMPANY (e.g. BANK) OR CERTIFICATION AUTHORITY
- SECURED - PAYMENT GUARANTEED
- ANONYMOUS FOR THE STORE
- CONTAINS ONLY INFO NEEDED FOR BANK TRANSFER

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HABILITATION

- A RIGHT TO DO SOMETHING
- RECEIVED FROM SOME-ONE / THING ELSE
- WITHIN A CERTIFICATE
- ALLOWS TO EXERCISE A RIGHT
- NEED NOT SHOWING IDENTITY
- e.g. GET INFO, ATTEND MEETING, VOTE

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ID MANAGEMENT MODELS

- MULTINATIONALS OLIGOPOLY
 - PROPRIETARY, NOT INTEROPERABLE
 - DE FACTO CENTRALISED IN USA
- FEDERATION OF ID MANAGEMENT ENTITIES
 - OPEN STANDARDS, INTEROPERABILITY
 - MUTUAL TRUST, NO CENTRALISATION
- USER CONTROLLED
 - NORMALLY MULTIPLE AND DISTRIBUTED

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DISTRIBUTED IDENTITIES

- NEEDS CERTIFICATION AUTHORITIES
- NEEDS OPEN STANDARDS
- NO NEED FOR CENTRAL AUTHORITY
- USER DECIDES:
 - WHICH ENTITIES KEEP PARTIAL ID INFOS
 - WHERE DATA ARE STORED
 - CONDITIONS FOR TRANSFERRING DATA TO OTHERS
 - MOVING ID DATA TO OTHER ENTITIES

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FIGHTING BIG BROTHER

- KEEP MANY ID'S IN MANY PLACES
- CREATE BOGUS ID'S
- MOVE DATA AROUND FREQUENTLY
- RELEASE MINIMAL INFO TO OTHERS
- PAY IN CASH

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