Toward A Sustainable Digital Ecology

The New Deal on Data
you own your digital identity

Right to Possess, Control, Dispose

Reference open source version: openPDS
Adopted by Kerberos Internet Trust Consortium

OPENPDS

• Secure Distributed Identity and Authentication: OpenID Connect, organic biometrics.

• Audibility: User can verify what data is read, what data about him leaves the system, and how it is used.

• Answers not raw data. OpenPDS uses secure local computation to avoid releasing raw data whenever possible.

LEGAL ARCHITECTURE
like SWIFT or VISA inter-bank networks

DISTRIBUTED SYSTEMS
NSA FAILURES

This failure originated from two practices that we need to reverse. There was an enormous amount of information concentrated in one place, and second, no individual should be given the kind of access Mr. Snowden had.

Ashton B. Carter, the deputy secretary of defense
http://www.nytimes.com/2013/08/04/sunday-review

A PERSONAL DATA ECOLOGY

Change the risk-reward ratio for sharing
Sample Apps and Services

• Show Me How I Compare
• Improve My Social Life
• Save Me Money

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