

**THE
COMMODIFICATION
OF
INFORMATION
COMMONS**

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INFORMATION COMMONS



*Commoning:
social practices of sharing*

Physical commons vs. information commons ?

DEFINITION



Digital technologies
An opportunity... or a threat ?

advance of Intellectual Property
commodification of intellectual goods

INFORMATION COMMONS



New organisation of labour:

*Non-hierarchical
Decentralized*

New mechanism of rewards:

based on solidarity, rather than money

PEER PRODUCTION



CLOUD COMPUTING

Online infrastructures

*with a centralized system of governance
relying on distributed architectures*

Software as a Service :

online applications directly accessible from the web

DEFINITION



Service providers:

utility computing

End-users:

accessibility

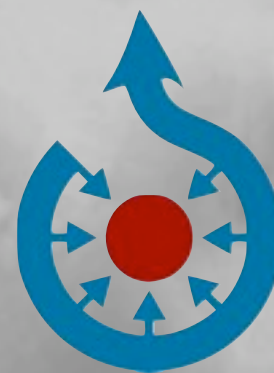
BENEFITS

	<i>Storage / Access</i>	<i>Development</i>
<i>Central platform</i>	<i>single point of access; up-to-date content</i>	<i>aggregation; versioning</i>
<i>Online ubiquity</i>	<i>from anywhere; at any time</i>	<i>a/synchronous distributed collaboration</i>
<i>Elasticity</i>	<i>no excess capacity; no resource shortage</i>	<i>automatic SW updates; evolving users interface</i>

INFORMATION COMMONS



KOPFSCHLAG



& many others ..

EXAMPLES



COMMODIFICATION



Commodity:
good produced to satisfy market demand

distinct from the process of:

Commercialization
Cooptation

DEFINITION



■ *Copyright assignment*

cf. CyberPatrol case

■ *Technological measures of protection*

■ *Digitization*

TRADITIONAL MEANS



Code is Law:

Commodification by design

User Interface

No source code

CLOUD COMPUTING



GOVERNANCE & ARCHITECTURE



Community's needs

Decentralized governance:

*community participation
transparency*

permeability

PEER PRODUCTION



Profit maximization

Centralized governance:

*profit-oriented,
user's lock-in*

control over data

CLOUD COMPUTING



Decentralized Cloud

to satisfy community's needs

FreedomBox

Tahoe-LAFS

Diaspora, Friendica

P2P ALTERNATIVES

QUESTIONS ?

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