

Privacy and Intellectual Property Rights

Software as a Service

“traditional” IT services (in-house)

- high initial cost
- maintenance cost
- obsolescence (hw & sw)
- disaster management
- service breakdown costs

outsourcing ?

Cloud Computing

- Outsourcing IT needs using Internet
- Models
 - Infrastructure
 - Platform
 - Software

Software as a Service

- Financial model
 - Subscription
 - Freemium
 - “Free”
- 24/7 Availability
- No Maintenance Cost
- Data protection
- Reliability (Network)

Software as a Service

- Cost is stable
- Management costs are included
- Regular updates
- Service availability guaranteed
- Improved team collaboration

SaaS problems

- Online / Offline
- Endpoint security
- Control of data, data integration, data protection
- Control of software version / features
- Integration with in-house systems
- Exit cost / lock-in
- SLA obscurity
- “With SaaS, the users do not have even the executable file that does their computing” (R.Stallman, FSF)
[SaaS = Service as a Software Substitute]

AGPL

- Affero General Public License
 - same conditions as the GPL (free to use; access to code; free to distribute; free to modify and redistribute; required to apply same conditions on redistributed version)
 - in addition, AGPL considers “distribution” **also** running a program as a server

“The GNU Affero General Public License is designed specifically to ensure that, in such cases, the modified source code becomes available to the community. It requires the operator of a network server to provide the source code of the modified version running there to the users of that server. Therefore, public use of a modified version, on a publicly accessible server, gives the public access to the source code of the modified version.”

“Free” Services

- Often a service is (also) an aggregation of other services
- Knowing the code of the program implementing the service is not enough
- Dynamically generated data
- Other services providing data
- Other services can be chosen at run-time

Amazon Mechanical Turk

- “a marketplace for work”
“artificial artificial intelligence”
- human computing accessible as a web service
- allows to include not machine-solvable tasks into an application
(AMT provides an API allowing to dispatch tasks to *human processors*)
- free software? access to code?
what these ideas mean in this case?