

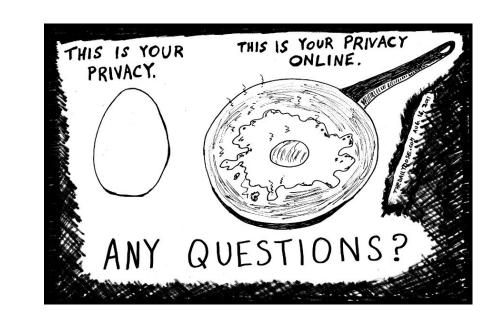
The ADAPT Centre is funded under the SFI Research Centres Programme (Grant 13/RC/2106) and is co-funded under the European Regional Development Fund.

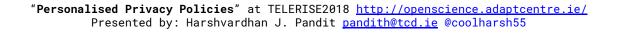
privacy policy is a legal document (according to privacy laws) that discloses how (personal) data is -

a) gathered D

used

disclosed managed







Reading the Privacy Policies You Encounter in a Year Would Take 76 Workdays - Alexis C. Madrigal - The Atlantic - Mar 1, 2012 pre-GDPR

THE REAL COST OF PRIVACY

Median length of a privacy policy: 2,518 words Average time to read that policy: 10 minutes Number of privacy policies you encounter in a year: about 1,462 Number of work days it would take to read those: 76 Number of hours it would take US users to read them: 53.8 billion

Hypothetical national opportunity cost of reading privacy policies:





then came GDPR...

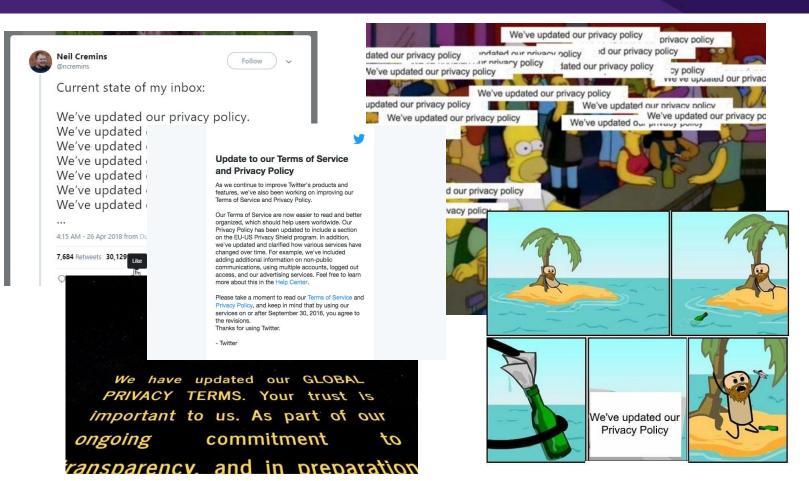
GDPR, which became enforced from 25th May specifies additional rights and obligations for information to be provided by the controller to the data subject <u>before</u> collecting happens.





"Personalised Privacy Policies" at TELERISE2018 http://openscience.adaptcentre.ie/ Presented by: Harshvardhan J. Pandit pandith@tcd.ie @coolharsh55

Soon after 25th May...



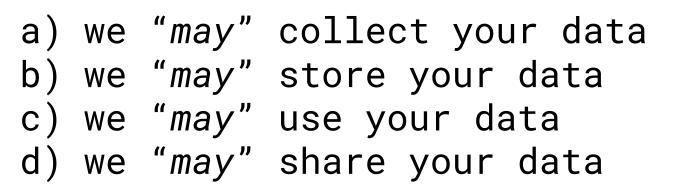


"Personalised Privacy Policies" at TELERISE2018 http://openscience.adaptcentre.ie/ Presented by: Harshvardhan J. Pandit pandith@tcd.ie @coolharsh55 Provide specific information to the user about how their data is being collected used, stored, and shared. Exactly what data? How is it collected? Shared with whom? Only for me i. e. Data Subject Stored for how long?

- Not common to everyone
- Not generalised



But the Privacy Policy still says...

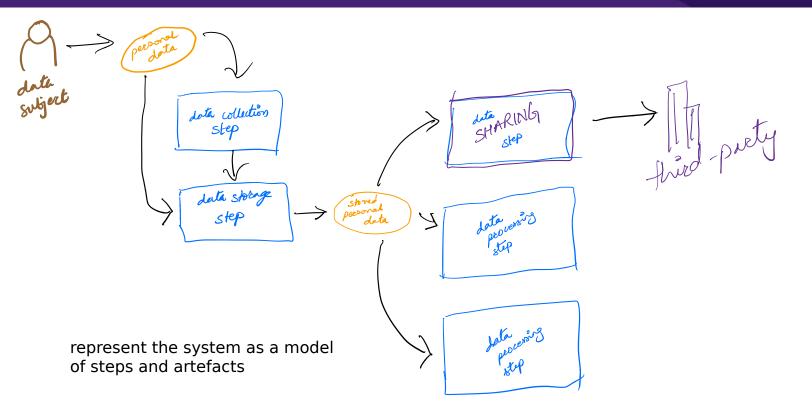


Q: Are you collecting data? A: Yes. No. "Maybe".



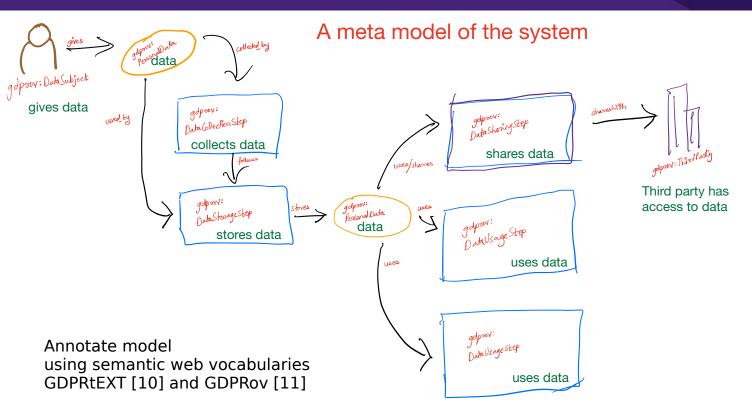


Resolving Ambiguity



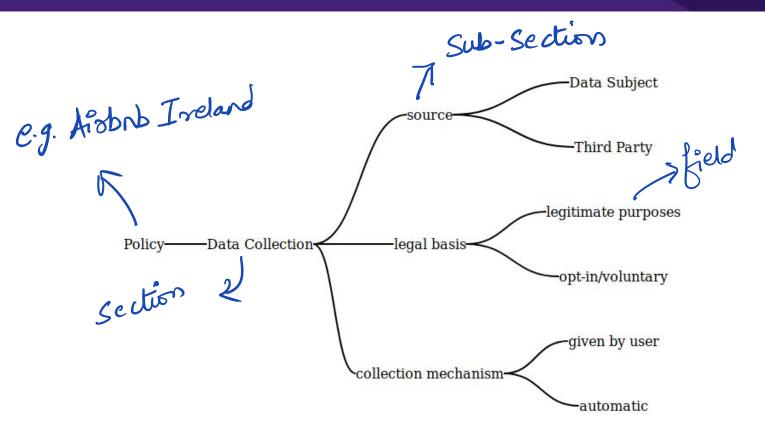


Resolving Ambiguity





Analysis of Privacy Policies





Annotate Privacy Policy

hide legend data category

data type process

automated legal basis data source data retention

processor third-party data-sharing

consent rights location

information categories

> stored copy because privacy policies can charge



This privacy policy is part of a research project (see openscience.adaptcentre.ie) and is made available under the CC-by-4.0 license.

This privacy policy was derived from the policy provided by Airbnb Ireland (archived copy available (here)

This Privacy Policy describes how we collect, use, process, and disclose your information, including personal information.

Information We Collect data collection 1.1 Information that the

- 1.1.1 Information that is necessary for provision of services

We ask for and collect the following personal inferences you when you use our service. This information is necessary for the adequate > data instances performance of the contract between you and us and to allow us to comply with our legal obligations. Without it, we may not be able to provide you with all the requested services. data category data type

 Account Information When you sign up for an account, we require certain information such as your first name, last name, email address and date of birth.

 Profile and Listing Information To use certain features, we may ask you to provide additional information, which may include your id address, phone number, and a profile picture. nuppose

 Identity Verification Information To help create and maintain a metric environment, we may collect identity verification information (such as images of your government issued ID, passport, national ID card, ordriving license, as permitted by applicable laws) or other authentication information. process

Payment Information To use certain features of the such as booking, we require you to provide certain financial information (like



- 1. Systematic representation of privacy policy metadata
- 2. Can generate privacy policy when system changes
- 3. Automation of policies
- 4. Structured metadata
- 5. Better for Data Subjects (more information available)
- 6. Metadata is also useful for compliance purpsoes



TWO approaches - do it myself, or automate

- A. Manually
 - i) complex
 - ii) requires legal clarity for concepts
 - iii) time consuming
- B. Automate
 - i) faster
 - ii) difficult to implement
 - iii) can scale to large number of policies



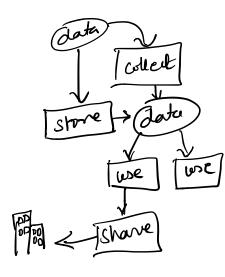
Future Work - More Annotations

(1) method _____ (a) anotate (b) señalize > ontology (c) model metadata 2) fest -> a compare mits right to data postability (b) compare with methods that extend data from policies (3) demo



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Future Work - Demo



(1) define model

gaprov: hasstep: Lovertuser Deta; gaprov: hasstep: Store User Deta; gapow. has hegel Bosis goportext: Consent. 2) convect (D) metadata

: Marketing

name a adprov: Resonal Date;

rafe: label "name";

: age a gdprov: Personal Date; age 's

xsd: Value 28;

7: Registeration a geprov: Bovers; sofs: lobel "Registration";

adprove was Given By "Harshvandban".

galpoor: was Given By " Hans tward has".

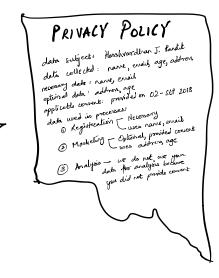
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gaprov: hasstep : SignUp Form

gopnov: hasstep CollectUser Data;

goprov hasstep : Store User Data:

a popor: Provers: softs: label " Marketing " goprov: hasstep : SignUp Form;



3 geneente privary policy



Let us discuss!

