W3C Data Privacy Vocabularies and Controls Community Group

Sabrina Kirrane

The End of Privacy 1.0: Data Portability and Information Rights
24/05/2018
Scalable Policy-aware Linked Data Architecture for privacy, transparency and compliance

https://www.specialprivacy.eu/
Data Privacy Controls and Vocabularies

A W3C Workshop on Privacy and Linked Data

17–18 April 2018, WU Vienna, Vienna, Austria, Europe

The level of privacy and trust concerns has raised to a point where people start to refuse services. Services on the Web are often very complex orchestrations of cooperations between multiple actors. This will increase if the upcoming Internet of Things is taken into account. If the trust in such services is eroded, the growth of the Web and the growth of the digital economy is endangered. This workshop wants to address the privacy issue from the angle of data governance and transparency. And if transparency and data self determination are at stake, the challenge may also be how to convey the transparency to the user to allow for an informed self determination. This includes especially methods to generate and administer user consent, even in an IoT environment.

While the workshop is open to a wide range of ideas, it is mainly inspired by the idea that today, we lack the tools for those wanting to be good citizens of the Web. It is related, but not limited to the work on Permissions and on Tracking protection. Because those permissions and tracking signals carry policy data, the systems have to react upon those signals. To react in a complex distributed system, the signals have to be understood by more than one implementer. The challenge is to identify the areas where such signals are needed for privacy or compliance and to make those signals interoperable. This can take the form taxonomies, vocabularies or ontologies. The most important challenge is to make policy and privacy signals interoperable and transportable within various systems, beyond the mere relation in a browsing context in
Community Support

Chairs

- Stefan Decker (Fraunhofer FIT/RWTH Aachen)
- Vassilios Peristeras (Hellenic University)

Committee members

- Matthieu D’Aquín (Insight Centre for Data Analytics)
- Piero Bonatti (CERICT)
- Rob van Eijk (Leiden University)
- Fabien Gandon (INRIA)
- Lalana Kagal (MIT)
- Sabrina Kirrane (WU Wien)
- Ben Livshits (Brave)
- Ninja Marnau (CISPA)
- Axel Polleres (WU Wien)
- Dave Raggett (W3C)
- Matthias Schunter (Intel)
- Serena Villata (CNRS)
- Rigo Wenning (W3C)
- Robin Wilton (ISO/IEC)
- Ben Whittam Smith (Thompson Reuters)
- Ray Walshe (BDVA)

<table>
<thead>
<tr>
<th>Authors</th>
<th>Statement</th>
</tr>
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<tbody>
<tr>
<td>Abhishek Kumar</td>
<td>expression of interest</td>
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<tr>
<td>Ann Vroom</td>
<td>expression of interest</td>
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<td>Anne Steinbrück</td>
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<td>Axel Polleres, et al.</td>
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<td>Benjamin Heitmann</td>
<td>position statement</td>
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<td>Christian Sageder</td>
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<td>Dalal Al-Azizy</td>
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<td>Darren Bell</td>
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<td>Dave Snelling, OASIS/COEL-TC</td>
<td>position statement</td>
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<td>Durgesh Nandini</td>
<td>position statement</td>
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<td>Eva Schiefhahn, Harald Zwingelberg</td>
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<td>Freddy de Meersman</td>
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<td>Gautam Kishore Shahi</td>
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<td>Geerten Verweij</td>
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<td>Georg Philip Krog</td>
<td>position statement</td>
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<td>Gerard Kuys</td>
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<td>Harshwardhan Pandit</td>
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<td>Jaroslav Pullmann, Christian Mader, Andreas Eitel</td>
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<td>Jason Novak</td>
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<td>Javier D. Fernández, et al.</td>
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<td>Karen Coyle</td>
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<td>Mark Lizar</td>
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<td>Markus Sabadello</td>
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<td>Martin Kaltenboeck</td>
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<td>Martin Kurze</td>
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<td>Matthias Schunter</td>
<td>position statement</td>
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<td>Michael Lux, Gerd Brost, Julian Schütte</td>
<td>position statement</td>
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<td>Michael Markevich</td>
<td>position statement</td>
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<td>Palmirani Monica</td>
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<td>Peter Bruhn Andersen</td>
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<td>Pompeu Casanovas, David Watts</td>
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<td>Roghaye Yeh (Ramisa Gachpaz Hamed)</td>
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Relevant vocabularies and initiatives

Panel:
1. **COELITION** (Joss Langford 10min)
2. **ODRL Usage Control** (Pullmann, Mader, Eitel 10min)
3. Remote Obligation Enforcement (Lux, Brost, Schütte 10min)
4. Kantara CISWG (Mark Lizar 10min)
5. **Decentralised Identifiers** (Markus Sabadello 5min)
6. **Usage Control & GDPR** (Sabrina Kirrane 10min)
7. An ODRL profile for GDPR (Ensar Hadziselimovic 5min)

The governmental side & initiatives

Panel:
1. Integrating ontologies for privacy legal reasoning (Monica Palmirani 10min)
2. Privacy for linked open government data (Peter Bruhn Andersen 10min)
3. The UK Data Archive (Darren Bell 10min)
4. Privacy and Data Protection in Australia (David Watts 10min)
5. GDPR transparency requirements (Schlehan/Zwingelberg 10min)

Industry Perspective

Panel:
1. Privacy challenges in the Opera Browser (Michael Markevich 10min)
2. Tracking Protection (Martin Kurze & Matthias Schunter 10min)
3. **Modeling, recording, communicating and interoperability of consent** (Georg Philip Krog 10min)
4. Interoperability issues for mobile operators (Freddy de Meersmann 10min)
5. Building the Legal Knowledge Graph (Victor Mireles 10min)

Research Track

Panel:
1. **Privacy preserving profiling** (Ramisa Gachpaz Hamed 10min)
2. **Linked Data, Provenance, Compliance** (Javier Fernández 10min)
3. Data-driven privacy and trust enhancement mechanisms (Yi Yin 10min)
4. Meta-data to describe the details of the anonymization (Benjamin Heilmann 10min)
5. Privacy-utility Control For Linked Data Against Deanonymisability Risk (Dalal Al-Azizy 5min)
Outputs from the workshop

Data Privacy Controls and Vocabularies – Report
A W3C Workshop on Privacy and Linked Data
17–18 April 2018, WU Vienna, Vienna, Austria, Europe

Summary
On 17 and 18 April 2018, some forty people took part in a W3C workshop on data privacy controls and vocabularies. The focus was especially on the semantic Web (linked data) and its role in implementing the GDPR, the new privacy rules protecting EU citizens from May 2018.

Support for the workshop came from the European research project SPECIAL. The WU Vienna (Vienna University of Economics and Business) provided meeting facilities.

Stefan Decker (Fraunhofer FIT/RWTH Aachen) and Vassiliou Peristeras (Hellenic University) chaired the program committee. They also led the discussions at the workshop.

The agenda, developed on the basis of position statements submitted by the participants before the workshop, consisted of sessions on four themes, ‘relevant vocabularies and initiatives’, ‘industry perspective’, ‘research topics’ and ‘the governmental side & initiatives’. The workshop ended with a discussion on next steps and more in particular on priorities.

https://www.w3.org/2018/vocabws/report.html
Initiating the W3C Data Privacy Vocabularies and Controls Community Group

- Use cases and requirements
- Identification of existing vocabularies and overlaps
- Glossary of GDPR terms
- Define a set of vocabularies

26-30 May 2018 until 30 June 2018: dissemination of invitations to participate in the CG & feedback collection on the present charter draft

https://www.w3.org/community/groups/proposed/

Axel Polleres, WU (Wirtschaftsuniversitat Wien)

Bert Bos, W3C
Announcing W3C Data Privacy Vocabularies and Controls Community Group

29-31 August 2018: 1st Face-2-Face meeting co-located at MyData2018 in Helsinki, Finland

12-14 November 2018: 2nd Face-2-Face meeting co-located with the European Big Data Value Forum 2018 in Vienna, Austria.

https://www.w3.org/community/dpv CG/

Axel Polleres, WU (Wirtschaftsuniversitat Wien)

Bert Bos, W3C
Thank You / Contact Details

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