Jukka S. Rannila OPINION 1 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

```
1
 2
     TO:
     Office of the Australian Information Commissioner / Australian Government
 3
 4
     consultation@oaic.gov.au
 5
 6
     TO:
 7
     Information and Privacy Commission / New South Wales
 8
     ipcinfo@ipc.nsw.gov.au
 9
10
     TO:
     Productivity Commission / Australian Government
11
     A formal submission on the following web page: www.pc.gov.au/inquiries/current/data-access
12
13
14
15
     Assessing privacy and big data on the Internet – possible Australian legislative efforts
16
     This opinion represents an opinion of an individual citizen, not any legal entity.
17
18
19
     This opinion does not contain:
20
                   any business secrets
21
                   any trade secrets
22
                   any confidential information.
23
24
     This opinion is public.
     PDF file of this opinion can be added to a relevant web page.
25
26
27
28
     Annex 1 holds information about previous opinions related to information technology.
29
     Annex 2 holds information about disclaimers and copyright.
30
31
32
     Best Regards,
33
34
     Jukka S. Rannila
35
     citizen of Finland
36
37
     signed electronically
38
39
40
41
     [Continues on the next page]
42
```

Jukka S. Rannila OPINION 2 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

43 44

45

Three consultations in Australia / Federal level and state level

Interestingly there was three (open) consultations in Australia when writing this opinion:

46 47 48

49 50 Guide to big data and the Australian Privacy Principles

https://www.oaic.gov.au/engage-with-us/consultations/guide-to-big-data-and-the-australian-

privacy-principles/

51 Deadline: 25 July 2016

5253 Data Availability and Use

http://www.pc.gov.au/inquiries/current/data-access/issues

Deadline: 29 July 2016

555657

58

59 60

54

Privacy Guidance – Identifiability

http://www.haveyoursay.nsw.gov.au/consultations/privacy-guidance-identifiability/

Deadline: 31 July 2016

Consultation in the European Union

61 62 63

Here we can note that there was a consultation in the European Union.

64 65 66

Public Consultation on the Evaluation and Review of the ePrivacy Directive

https://ec.europa.eu/digital-single-market/en/news/public-consultation-evaluation-and-

review-eprivacy-directive Deadline: 5 July 2016

68 69

67

Here we can note that privacy issues are important issue worldwide – e.g. in the European Union.

70 71 72

Possibly European Union results could be consulted after Australian consultations.

73 74

Conclusion: privacy and data issues are discussed in several countries

75 76

77

Like previously mentioned consultations indicate there is a lot of action for assessing privacy issues an data usage in several countries.

78 79

Identifiability / Several identifiers (ID) / Digitalisation of everything

80 81

82

83 84

85

86 87 In the previous consultations there has been discussion about different identifiers (ID) in the different systems. It can be noted from the previous opinions, that there will be several and different identifiers (ID) for different levels. On the European Union level there can be several identifiers (ID), e.g. following:

- * global identifiers (ID)
- * general state identifiers (ID)
- * identifiers (ID) on the federal level

Jukka S. Rannila OPINION 3 (20)

www.jukkarannila.fi

20 June 2016

Public / WWW

Examples of these identifiers (ID) are following:

- 1) Facebook ID for an individual person
- 2) Facebook ID for the individual up-dates of individuals
- 3) Data Universal Numbering System (D-U-N-S)
- 4) Reuters instruments codes (RICs)
- 5) Social security code for individual citizens in the European Union member states
- 6) Business identity code for a company in an European Union member state
- 7) Value added tax code for a company in an European Union member state.

The examples of private identifiers (Facebook IDs, Data Universal Numbering System (D-U-N-S), Reuters Instrumens Codes (RICs)) show, that persons and/or communities can use or even demand of using identifiers (ID) from privately owned information systems.

Proposal: There could be a systematic review of different identifiers (ID) on different levels.

Proposal: Possible systematic review of different identifiers (ID) should assess different situations – state, federal and global.

Different information systems have also internal identifiers (ID) and external identifiers (ID) for (possible) public usage. The added value for different stakeholders is provided by combination of different identifiers (ID) in a specific information system.

Proposal: The could be some assessment(s) based on different versions of different identifiers (ID).

It can be possible, that there are some legacy identifiers (ID) in the near future. It can be possible, that gradually some legacy identifiers (ID) can be consolidated for more standardised identifiers (ID), but this consolidation means some serious technical and administrative actions.

Proposal: Legacy identifiers (ID) could be assessed seriously.

When information about relevant identifiers is collected, there could be a serious assessment of possible (near) monopoly situation of some identifiers. Depending on the nature of an identifier, there may be a need for serious (anti-trust?) negotiations with providers of some identifiers.

Proposal: The nature of different identifiers (ID) could be assessed.

Proposal: There could be serious negotiations with some providers of identifiers (ID).

In the European Union there has been different anti-trust cases which are related to different private sector identifiers (ID), since some of those private sector identifiers (ID) have been used in several other systems. Some private sector identifiers (ID) can mean a (near) monopoly situation.

www.jukkarannila.fi

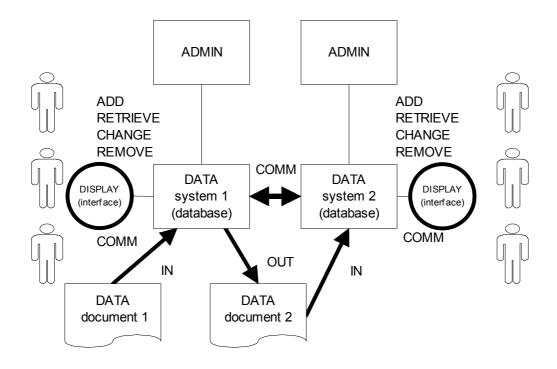
20 June 2016

Public / WWW

133134

Basic functions in information systems

135



136 137

138

139

Basic functions in an information system (retrieve, add, change, remove, data and documents) can be noted once more. Cooperation between systems can based on direct system-to-system connections (standards) or transferring documents (standards) between systems.

140141142

Standardisation efforts

143144

145

There are different standards setting organisations on the information technology field. One list ¹ of these standards setting organisations is provided by ConsortiumInfo.org.

146147148

Like the lists (ConsortiumInfo.org) indicates there are some standards setting organisations for standardising some aspects of vehicles (road). Naturally the relevance of different standards setting organisations vary.

149150151

152

One warning can be said about standards setting organisations. All standards setting organisations are not successes based on several factors and there can may irrelevant standards setting organisations. Market situation on different vehicle markets varies a lot based on different factors.

153154155

Here we can note some problems:

156

Standard Setting Organizations and Standards List, www.consortiuminfo.org/links/linksall.php

Jukka S. Rannila OPINION 5 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

- some systems are based on **de-facto** standards
 - some systems are based on **de-jure** standards
 - there can be confrontations between **de-facto** and **de-jure** standards
- there can be a monopoly situation in some domain
- some standards may inhibit possible actions of some stakeholders
 - there can be a standard war on some domains
- standards have different life-cycles
 - systems have different life-cycles
 - there can be mismatches between different life-cycles
- there can be failed standards
 - there can be deprecated standards.

It is quite normal situation in the information technology field that there are competing standards for some application field. Therefore there are all the time ongoing "standards wars" or "format wars". The information technology standards tend to be interrelated and one "standards war" or "format war" can lead to another similar situation.

I have advocated open standards even though in some cases open standards are not de facto standards. In practice public sector has very important role, when some standards are competing in the market place. Because public sector has a considerable power when buying/developing information systems and therefore public sector can sometimes direct markets to certain standards. Therefore there should be serious vigilance when assessing different standards and "standards" in some application fields.

There are differences between horizontal and vertical standards. A simple example is naturally email solutions. There are several vertical standards when creating technically email solutions. Then there are horizontal standards which enable sending messages between technically different email solutions.

Proposal: There could be assessment of vertical and horizontal standards.

Proposal: Using horizontal standards could be favoured when creating different information systems.

Horizontal standards enables technological solutions which can work together. Horizontal standards hides different complexities in information systems.

Opinion: The number of redundant standardisation efforts should be minimal.

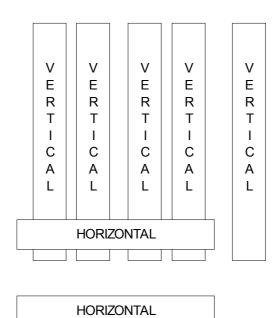
Proposal: There could be separation of horizontal standards and vertical standards.

Proposal: There could be different standardisation efforts to horizontal standards and vertical standards.

www.jukkarannila.fi

20 June 2016

Public / WWW



203 204

205

Personally I have advocated using different horizontal standards. For example email standards (horizontal) are implemented with very different technologies (vertical).

206207

Proposal: Governments should especially concentrate on horizontal standards.

208209210

Proposal: Some government agencies could apply for memberships of different standard setting organisations which develop especially horizontal standards.

211212213

Proposal: Government agencies should not be passive by-standers when different horizontal standards are developed.

214215216

Proposal: Government agencies could financially support development of horizontal standards.

217218219

220

Next table gives us some possibilities for assessing possibilities for open solutions and closed solutions

221222223

[Continues on the next page]

225226

224

227228

229230

www.jukkarannila.fi

20 June 2016

Public / WWW

	Owner? Member? Agreement?	OPEN	CLOSED
1. Device / Machinery			
2. Operating system			
3. Program(s)			
4. Data models / Conceptual models		This consultation?	
5. Documents		This consultation?	
6. Databases		This consultation?	
7. Communications			
8. Retrieve / Interface / Display			
9. Add / Interface / Display			
10. Remove / Interface / Display			
11. Change / Interface / Display			

231232

It can be concluded, that this consultation is not (yet) about technical details. Based on previous consultations I have advocated following solution as the maximum solution:

233234235

236

237

238

239

240

- * public sector institute owns the machinery and processor of the information system
- * the machinery and processor are based on relevant open standards
- * the operating system is based on an open-source solution
- * public sector institute owns the source code of the information system
- * public sector institute owns the database of the information system
- * the database is based on open-source solution and on relevant open standards
- * public sector institute owns all data in the information system.

241242243

Naturally, there can be solutions, which are not based on the maximum solution.

245246

244

Proposal: There could different standardisation efforts for communication, data, document, database, display/interface standards.

247248

Proposal: Assessing previously developed standards could be done seriously.

249

Proposal: Providing (open) data with different timeframes could be assessed carefully.

250251

Proposal: Providing (open) data directly from database(s) could be assessed carefully.

252253254

Proposal: Providing (open) data as documents could be assessed carefully.

Jukka S. Rannila **OPINION** 8 (20)

20 June 2016 Public / WWW www.jukkarannila.fi

255 Generally speaking different stakeholder communities can use open data in very intelligently – also

- adding other (open) data for creation an information service is a possibility. Here we can note that
- 257 there can be direct system-to-system connections, which can mean some standardised interfaces.
- 258 Also we can note that different document formats can be used when there is system-to-system 259 connections.

260

256

One comprehensive list for different standard developing organisations (SDO) is provided ² ConsortiumInfo.org. It may possible to use previously developed standards.

262 263 264

261

Proposal: In many cases both options must be implemented – direct system-to-system connections and transmitting different documents between systems.

265 266 267

268 269

Generally speaking different stakeholder communities can use open data in very intelligently – also adding other (open) data for creation an information service is a possibility. Here we can note that (open) data must be processed with different software. There can be closed software or open software

270 271 272

Proposal: There can be different software to process open data.

273 274

Proposal: Open source software could be favoured when processing open data.

275 276

277

278

Then there is the problem of developing new software. Both open software and closed software mean a lot of work for developers. Personally I have advocated creation of non-profit foundations which can handle open standards with open source program. Examples of these foundations are following:

279 280 281

282

283

284

285

- Apache Software Foundation ³ ⁴
- Document Foundation ^{5 6}
- Eclipse Foundation 7 8
- Linux Foundation 9 10
- OpenStack Foundation 11 12
- Python Software Foundation ¹³ ¹⁴

286 287

288

There are also some non-profit communities which are not foundations:

- http://www.consortiuminfo.org/links/linksall.php, List of different standard developing organisations
- 3 https://www.apache.org
- 4 https://en.wikipedia.org/wiki/Apache Software Foundation
- 5 https://www.documentfoundation.org
- 6 https://en.wikipedia.org/wiki/The Document Foundation
- 7 https://www.eclipse.org
- 8 https://en.wikipedia.org/wiki/Eclipse_Foundation
- 9 http://www.linuxfoundation.org
- 10 https://en.wikipedia.org/wiki/Linux Foundation
- 11 http://www.openstack.org
- 12 https://en.wikipedia.org/wiki/OpenStack
- 13 https://www.python.org/psf/
- 14 https://en.wikipedia.org/wiki/Python Software Foundation

Jukka S. Rannila OPINION 9 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

Creative Commons ¹⁵ ¹⁶
Open Knowledge International ¹⁷ ¹⁸
Open Source Hardware Association ¹⁹
Open Source Initiative ²⁰ ²¹
Open Source Matters ²²
Open Source Robotics Foundation ²³

• PHP Group ^{24 25}

296297298

299

Standards and/or software provided by these non-profit communities (foundations and other) are usually concentrating on some specific information technology domain. I have advocated single-issue non-profit foundations.

300 301

Proposal: Information about non-profit single-issue foundations could be collected.

302 303 304

Proposal: Information about other non-profit single-issue communities could be collected.

305 306 307

Proposal: Membership for these non-profit single-issue foundations and/or communities could be assessed carefully.

308 309

Proposal: In some cases it can be reasonable to join some non-profit foundation(s) and/or non-profit communities.

311312

310

In reality all these non-profit communities need some financial support for their activities.

313314315

Proposal: In some cases it can be reasonable to give financial support to non-profit communities.

316317318

Note: Here we can note that some non-profit communities are not real successes and some non-profit communities might be closed down after different failures.

319320321

Data warehouse?

322323

324

I have given some opinions for the European Commission. I have advocated some data warehouse systems which could handle archival data. I have proposed creation (EU) of member state systems

¹⁵ https://creativecommons.org/

¹⁶ https://en.wikipedia.org/wiki/Creative Commons

¹⁷ https://okfn.org

¹⁸ https://en.wikipedia.org/wiki/Open Knowledge International

¹⁹ www.oshwa.org/

²⁰ https://opensource.org/

²¹ https://en.wikipedia.org/wiki/Open Source Initiative

²² http://opensourcematters.org

²³ www.osrfoundation.org/

²⁴ https://php.net/

²⁵ https://en.wikipedia.org/wiki/PHP

www.jukkarannila.fi 20 June 2016 Public / WWW

325 (MSS) which are consolidated with one central system, ie. member state contact point. Then this 326 member state contact point can have cooperation with European Union contact point. In some cases 327 there can be need for just one direction (not two directions) and data warehouse solutions can be 328 used.

329



MSS = Member State System, MSCP = Member State Contact Point, EUCP = European Contact Point

332333334

330 331

Proposal: Directions (one direction or two directions) between information systems could be assessed carefully.

335336337

Proposal: In some cases data warehouse solutions (just one direction) can be used.

338 339

340

341342

It can be also noted that there can a physical barrier between a member state system and data warehouse solution. All electronic barriers can be compromised based on different weaknesses. Physical barriers can not be compromised since they are not directly connected to a member state system. One example is naturally physical data tapes which can contain data of an information system and data in tapes can transferred between information systems.

343344345

Proposal: There could be assessment for different data warehouse solutions.

346347

Information and Privacy Commission New South Wales (IPC) Fact Sheet (Draft): Identifiability (page 2)

348349350

The legislation does not make clear who is supposed to be able to ascertain the subject's identity – the holder of the information, the subject themselves, a particular third party audience, or the world at large?

351352353

354

Proposal: Information and Privacy Commission New South Wales could give decisions when different stakeholders are not sure about de-idenfication and/or re-idenfication.

355 356

Naturally this proposal can add some bureaucracy since there can be several questions for Information and Privacy Commission New South Wales.

357358359

Office of the Australian Information Commissioner:

360361

Risk point: Where de-identification is not done properly, big data activities may lead to re-identification of personal information.

362363

Proposal: Possibly there could be a central register where information of different registers (public and/or private) can be added.

www.jukkarannila.fi 20 June 2016 Public / WWW

Proposal: Possibly decisions for different stakeholders could be done on the federal level (Office of the Australian Information Commissioner, OAIC).

Naturally this proposal can add some bureaucracy since there are several public and/or private registers. On the other hand this central register can just be a simple web page without functions.

Office of the Australian Information Commissioner:

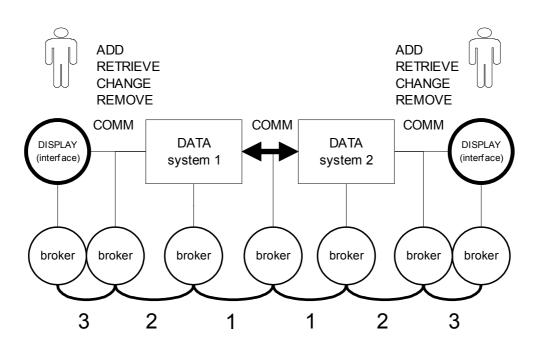
Privacy tip: Entities should undertake a privacy impact assessment which addresses whether personal information may be collected via creation through big data analytics.

Proposal: These privacy impact assessments could be added to the proposed central register.

Once again – naturally this proposal can add some bureaucracy since there are several public and/or private registers.

Productivity Commission question:

How could governments use their own data collections more efficiently and effectively?



Previously I mentioned different basic functions: add, retrieve, change, remove. Then there is some communication and different displays and interfaces for different stakeholders groups.

Proposal: Governments should assess number of different identifiers (ID).

Proposal: Governments could consolidate different identifiers (ID).

392 393

391

385 386 387

388

389 390

366

367

368369

370371372

373

374375

376377

378

379380

381

382 383

www.jukkarannila.fi 20 June 2016 Public / WWW

An example from Finland is ²⁶ Business Information System BIS which consolidated two previous identifiers (ID) to just one identifier (ID).

395396397

394

Then there is the question of different brokers which can use different identifiers (ID) for having unified services to different stakeholder groups.

398 399 400

Proposal: Possibly there could be a central register where information of different identifiers (ID) and combination of different identifiers (ID) could be added.

401 402 403

Naturally this proposal can add some bureaucracy since there are several public and/or private registers. On the other hand this central register can just be a simple web page without different functions.

405 406 407

408

409

404

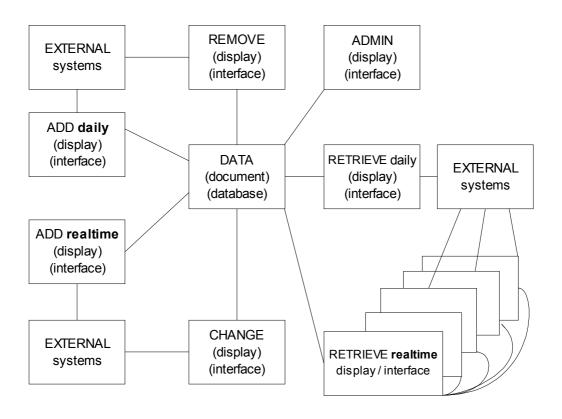
Office of the Australian Information Commissioner:

Risk point: Personal information used in big data activities is likely to include information collected from third parties.

410 411

Proposal: Possibly there could be a central register where information about different combinations of third party registers can be added.

412413



414 415

416 417 Here we can note that big data is also about different timeframes for different systems: there can be real-time, daily and hourly timeframes depending on the purpose of a system.

26 https://www.ytj.fi/en/index.html, Business Information System BIS ("YTJ" in Finnish)

Jukka S. Rannila OPINION 13 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

418 419

Proposal: Information about different timeframes could be collected together.

420 421

Proposal: Information about external private systems could be collected together.

422 423

Proposal: Different licences (for big data) could be assessed - e.g. real-time timeframes may mean a specific licence.

424 425 426

427

428

Productivity Commission question:

Should the collection, sharing and release of public sector data be standardised? What would be the benefits and costs of standardising? What would standards that are 'fit for purpose' look like?

429 430 431

432

Previously I have advocated creation of horizontal standards for different information systems. Creation of horizontal standards is more feasible since there can be several vertical solutions in different governmental agencies (states and federal).

433 434 435

Proposal: Horizontal standards should be favoured when creating different standards for collection, sharing and release of public sector data

436 437 438

439

440

For example forthcoming PDF standard (2.0) ²⁷ ²⁸ ²⁹ can be one horizontal standard when different vertical systems create PDF files for reading. For example ³⁰ ³¹ ³² Open Document Format for Office Applications (ODF 1.2) can be one horizontal standard when different vertical systems create ODF files for editing.

441442443

444

Office of the Australian Information Commissioner:

Privacy tip: Entities should use privacy impact assessments to inform what information to include in their notices and then provide it in easy to read, dynamic and user centric ways.

445446447

448 449 Based on previous consultations I have advocated creation of easy-to-read terms. An example from Finland is ³³ "general contract terms for telecom companies" which defines different concepts and general terms. Too often we accept complicated legalese as general terms for different services.

^{27 &}lt;a href="http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=63534">http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=63534, ISO/DIS 32000-2.3 - Document management - Portable document format - Part 2: PDF 2.0

^{28 &}lt;a href="http://www.iso.org/iso/home/store/catalogue_tc/catalogue_tc_browse.htm?">http://www.iso.org/iso/home/store/catalogue_tc_browse.htm?
commid=53674&published=on&includesc=true, ISO/TC 171/SC 2 - Document file formats, EDMS systems and authenticity of information

^{29 &}lt;a href="https://en.wikipedia.org/wiki/History_and_Standardization_of_the_Portable_Document_Format">https://en.wikipedia.org/wiki/History_and_Standardization_of_the_Portable_Document_Format, History and Standardization of the Portable Document Format

^{30 &}lt;a href="https://www.oasis-open.org/standards#opendocumentv1.2">https://www.oasis-open.org/standards#opendocumentv1.2, Open Document Format for Office Applications (OpenDocument) Version 1.2

^{31 &}lt;a href="https://en.wikipedia.org/wiki/OpenDocument_standardization">https://en.wikipedia.org/wiki/OpenDocument_standardization, OpenDocument standardization

^{32 &}lt;a href="http://standards.iso.org/ittf/PubliclyAvailableStandards/">http://standards.iso.org/ittf/PubliclyAvailableStandards/, Freely Available Standards → ISO/IEC 26300-1:2015; ISO/IEC 26300-2:2015; ISO/IEC 26300-3:2015

^{33 &}lt;a href="http://www.kkv.fi/en/current-issues/press-releases/2015/28.5.2015-consumer-ombudsman-and-ficom-negotiate-general-contract-terms-for-telecom-companies/">http://www.kkv.fi/en/current-issues/press-releases/2015/28.5.2015-consumer-ombudsman-and-ficom-negotiate-general-contract-terms-for-telecom-companies/, Consumer Ombudsman and FiCom negotiate general contract terms for telecom companies

Jukka S. Rannila OPINION 14 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

Proposal: Office of the Australian Information Commissioner could organise project for creating easy-to-read (legal) terms for big and/open data.

Productivity Commission question:

What lessons from overseas jurisdictions can Australia learn from regarding the use of individuals' and businesses' data, particularly in regard to protecting privacy and commercially sensitive or commercially valuable information?

Note: European Union has organised different consultations about different information technology issues.

Proposal: Results of the European Union consultations could be assessed very carefully.

In Finland Data Protection Ombudsman has published some ³⁴ guidelines in English. On that webpage there are guidelines (dated 24.4.2012) for preparing a data balance sheet.

Proposal: Finnish data balance sheet could could be assessed carefully.

Proposal: Other Finnish guidelines could be assessed carefully – e.g. description file of an information system, notification of an information system and notification of data processing outside of European Union.

There is also ³⁵ European Data Protection Supervisor (European Union).

Proposal: Publications and activities of the European Data Protection Ombudsman (European Union) could be assessed carefully.

Office of the Australian Information Commissioner:

Privacy tip: Entities should undertake due diligence before disclosing personal information to overseas recipients. This will help them identify risks and take steps to mitigate them.

Proposal: Information about due diligence of personal information usage could be published – e.g. the proposed central register.

Office of the Australian Information Commissioner:

 Privacy tip: Entities should use a privacy impact assessment to assess what personal information they need and for what purposes. Entities need to be able to justify why they have retained personal information and for what permitted purposes. Entities can also consider de-identifying personal information so they can keep the data for future uses.

Note: Privacy impact assessment methods are not mentioned on consultation

³⁴ http://www.tietosuoja.fi/en/index/materiaalia.html

³⁵ https://secure.edps.europa.eu/EDPSWEB/edps/EDPS/cache/offonce?lang=en

Jukka S. Rannila OPINION 15 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

493 document.

494 495

Proposal: There could be published guidelines for privacy impact assessment methods.

496 497

Proposal: Published guidelines for privacy impact assessment methods should be easy-to-read text.

498 499 500

An example for cooperation: Web feeds (RSS and Atom)

501



502 503 504

I have advocated usage of web feeds ³⁶ on several previous opinion documents. Actually there are two standards for web feeds: RSS ^{37 38} and Atom ^{39 40 41}.

505506507

Proposal: Web feeds (RSS and/or Atom) could be advocated when developing different informations systems.

508 509 510

Proposal: Web feeds (RSS and/or Atom) should be used extensively for providing (real-time) information for different stakeholder(s) (communities).

511512513

514

Proposal: There can be different web feeds (RSS and/or Atom) for different stakeholder(s) – having just one web feed (RSS and/or Atom) may not be a feasible solution.

515516

Proposal: Several web feeds (RSS and/or Atom) can be based on different viewpoints.

517518519

It can be easier to create web feeds in different information systems since web feeds enable connections without direct system-to-system connections.

520521522

523

524

It can be noted, that different back-office systems (with a wide variety of different technologies) can implement RSS standards, and these RSS feeds can be used in the front-office systems. With this kind solutions front-office systems dont need direct system-to-system communications with back-

525 office systems.

³⁶ https://en.wikipedia.org/wiki/Web_feed

³⁷ http://www.rssboard.org/rss-specification, RSS 2.0 Specification

³⁸ https://en.wikipedia.org/wiki/RSS, Wikipedia / RSS

³⁹ https://en.wikipedia.org/wiki/Atom (standard), Wikipedia / Atom (standard)

⁴⁰ https://tools.ietf.org/html/rfc4287, The Atom Syndication Format

⁴¹ https://tools.ietf.org/html/rfc5023, The Atom Publishing Protocol

Jukka S. Rannila OPINION 16 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

526	
527	ANNEX 1
528	
529	I have constructed different opinions about different issues, and on the following web page
530	are all written (PDF files) opinions:
531	http://www.jukkarannila.fi/lausunnot.html
532	incp.//www.jakkaramma.n/iaasamiot.ntim
533	I have constructed specifically opinions related to information systems – both in English and
534	in Finnish.
535	iii i iiiiiisii.
536	Here is the list of opinions related to information systems.
537	There is the list of opinions related to information systems.
538	EN: Opinion 8: European Interoperability Framework, version 2, draft
539	
540	http://www.jukkarannila.fi/lausunnot.html#nro_8
541	EN: Oninian 0: CAMSS: Common Assessment Method for Standards and Specifications, CAMSS
542	EN: Opinion 9: CAMSS: Common Assessment Method for Standards and Specifications, CAMSS
543	proposal for comments
	http://www.jukkarannila.fi/lausunnot.html#nro_9
544 545	EN. Oninion 12: Final Committee Draft ISO/IEC ECD2 10762 2
546	EN:Opinion 13: Final Committee Draft ISO/IEC FCD3 19763-2
	http://www.jukkarannila.fi/lausunnot.html#nro_13
547	ENL Oninion 14. CEC discussion names / CEC in Iraslavatalyanishinis
548	EN: Opinion 14: SFS discussion paper / SFS:n keskusteluasiakirja
549	http://www.jukkarannila.fi/lausunnot.html#nro_14
550	EN O : : 17 O : :
551	EN: Opinion 17: Opinion to Antitrust Case No. COMP/C-3/39.530
552	http://www.jukkarannila.fi/lausunnot.html#nro_17
553	ENL Oninion 10. Oninion Deleted to the Deblie Hydrogenius has Missess &
554	EN: Opinion 18: Opinion Related to the Public Undertaking by Microsoft
555 556	http://www.jukkarannila.fi/lausunnot.html#nro_18
556 557	EN. Oninian 10: Official Asknowledgement by the Commission
558	EN: Opinion 19: Official Acknowledgement by the Commission http://www.jukkarannila.fi/lausunnot.html#nro 19
	<u>nup.//www.jukkaranmia.11/1ausunnoi.num#nio_19</u>
559 560	EN: Opinion 20: SECOND Opinion Related to the Public Undertaking by Microsoft
560 561	
	http://www.jukkarannila.fi/lausunnot.html#nro_20
562 562	EN: Opinion 21: Opinion about the European Interoperability Strategy proposal
563	
564 565	http://www.jukkarannila.fi/lausunnot.html#nro_21
565 566	EN. Oninian 22: Dublic congulation on the review of the European Standardization Section
566 567	EN: Opinion 23: Public consultation on the review of the European Standardisation System
567	http://www.jukkarannila.fi/lausunnot.html#nro_23
568	ENI, Oninion 24, ISO/IEC ITC 1 / SC 24 / W/Cs 1 /4 1 5 in III-1-in-1 14 17 I 2010
569	EN: Opinion 24: ISO/IEC JTC 1 / SC 34 / WGs 1, 4 and 5 in Helsinki 14-17 June 2010
570	http://www.jukkarannila.fi/lausunnot.html#nro_24

Jukka S. Rannila OPINION 17 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

571 FI: Lausunto 29: Avoimen demokratian avoimen datan avaamisen detaljit (ADADAD)

572 http://www.jukkarannila.fi/lausunnot.html#nro_29

574 EN: Opinion 30: Internet Filtering

573

576

579

582

585

588

591

594

597

600

603

606

609

612

575 http://www.jukkarannila.fi/lausunnot.html#nro 30

577 FI: Lausunto 31: Terveydenhuollon tietotekniikasta

578 http://www.jukkarannila.fi/lausunnot.html#nro 31

580 EN: Opinion 32: COMP/C-3/39.692/IBM - Maintenance services

581 http://www.jukkarannila.fi/lausunnot.html#nro_32

583 FI: Lausunto 33: Julkishallinnon tietoluovutusten periaatteet ja käytännöt

584 http://www.jukkarannila.fi/lausunnot.html#nro 33

586 EN: Opinion 34: REMIT Registration Format

587 http://www.jukkarannila.fi/lausunnot.html#nro_34

589 EN: Opinion 37: CASE COMP/39.654 - Reuters instrument codes

590 http://www.jukkarannila.fi/lausunnot.html#nro_37

592 FI: Lausunto 38: SADe-ohjelman avoimen lähdekoodin toimintamallin luonnos

593 http://www.jukkarannila.fi/lausunnot.html#nro 38

595 EN: Opinion 39: Registry options to facilitate linking of emissions trading systems

596 http://www.jukkarannila.fi/lausunnot.html#nro 39

598 EN: Opinion 41: AT.39398: observations on the proposed commitments

599 http://www.jukkarannila.fi/lausunnot.html#nro 41

601 EN: Opinion 43: Publication of extracts of the European register of market participants

602 http://www.jukkarannila.fi/lausunnot.html#nro 43

604 EN: Opinion 45: About ICT standardisation

605 http://www.jukkarannila.fi/lausunnot.html#nro 45

607 EN: Opinion 46: Review of the EU copyright rules

608 http://www.jukkarannila.fi/lausunnot.html#nro 46

610 EN: Opinion 47: Sharing or collaborating with government documents

611 http://www.jukkarannila.fi/lausunnot.html#nro_47

613 FI: Lausunto 49: JSH 166 -suosituksen päivitys

614 http://www.jukkarannila.fi/lausunnot.html#nro 49

Jukka S. Rannila OPINION 18 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

616 EN: Opinion 52: Trusted Cloud Europe Survey

618

621

624

630

633

636

639

642

645

648

651

654

657

660

617 http://www.jukkarannila.fi/lausunnot.html#nro_52

619 EN: Opinion 53: Trade Reporting User Manual (TRUM) (Draft)

620 http://www.jukkarannila.fi/lausunnot.html#nro 53

622 EN: Opinion 54: Government Content Management System

623 http://www.jukkarannila.fi/lausunnot.html#nro_54

625 EN: Opinion 55: European Energy Regulation

626 http://www.jukkarannila.fi/lausunnot.html#nro 55

627 628 EN: Opinion 56: National Identity Proofing Guidelines

629 http://www.jukkarannila.fi/lausunnot.html#nro 56

631 FI: Lausunto 58: Puoluekokousaloitteet / 2010 ja 2014

632 http://www.jukkarannila.fi/lausunnot.html#nro_58

634 EN: Opinion 59: Green paper on mobile Health

635 http://www.jukkarannila.fi/lausunnot.html#nro 59

637 EN: Opinion 60: Cross-border inheritance tax problems within the EU

638 http://www.jukkarannila.fi/lausunnot.html#nro 60

640 EN: Opinion 61: European Register of Products Containing Nanomaterials

641 http://www.jukkarannila.fi/lausunnot.html#nro 61

FI: Lausunto 65: Lausuntopyyntö nettiäänestystyöryhmän väliraportista

644 http://www.jukkarannila.fi/lausunnot.html#nro 65

646 EN: Opinion 66: Net Innovation for the Work Programme 2016-2017

647 http://www.jukkarannila.fi/lausunnot.html#nro 66

649 FI: Lausunto 67: Valtioneuvoston hanketiedon esiselvityksestä

650 http://www.jukkarannila.fi/lausunnot.html#nro_67

652 EN: Opinion 68: European Network Code Stakeholder Committees

653 http://www.jukkarannila.fi/lausunnot.html#nro 68

655 FI: Lausunto 69: Hallituksen esitys (luonnos 16.4.2015) vieraslajeista

656 http://www.jukkarannila.fi/lausunnot.html#nro 69

658 EN: Opinion 70: Providing better APIs in New Zealand

659 http://www.jukkarannila.fi/lausunnot.html#nro 70

Jukka S. Rannila OPINION 19 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

661 EN: Opinion 71: Common Schema for the Disclosure of Inside Information 662 http://www.jukkarannila.fi/lausunnot.html#nro 71 663 664 EN: Opinion 72: Queensland biofuel mandate http://www.jukkarannila.fi/lausunnot.html#nro 72 665 666 667 EN: Opinion 73: Financial / Conceptual Frameworks http://www.jukkarannila.fi/lausunnot.html#nro 73 668 669 670 EN: Opinion 74: Enabling the Internet of Things http://www.jukkarannila.fi/lausunnot.html#nro 74 671 672 EN: Opinion 78: Consumer Complaints Register (NSW) 673 674 http://www.jukkarannila.fi/lausunnot.html#nro 78 675 676 EN: Opinion 79: PCEHR (Information Commissioner Enforcement Powers) Guidelines 2015 http://www.jukkarannila.fi/lausunnot.html#nro 79 677 678 679 EN: Opinion 80: Mandatory Transparency Register http://www.jukkarannila.fi/lausunnot.html#nro 80 680 681 EN: Opinion 81: Records and Information Management Standard 682 http://www.jukkarannila.fi/lausunnot.html#nro 81 683 684 685 FI: Lausunto 83: Vuoden 2016 puoluekokouksen aloitteet http://www.jukkarannila.fi/lausunnot.html#nro 83 686 687 688 EN: Opinion 84: Revision of the European Interoperability Framework http://www.jukkarannila.fi/lausunnot.html#nro 84 689 690 691 EN: Opinion 85: Regulatory options for automated vehicles http://www.jukkarannila.fi/lausunnot.html#nro 85 692 693 694 EN: Opinion 86: 2016 Annual Colloquium on fundamental rights 695 http://www.jukkarannila.fi/lausunnot.html#nro 86 696

697 698

I have constructed different opinions about different issues, and on the following web page are all written (PDF files) opinions:

http://www.jukkarannila.fi/lausunnot.html

700 701 702

703

699

[Continues on the next page]

Jukka S. Rannila OPINION 20 (20)

www.jukkarannila.fi 20 June 2016 Public / WWW

ANNEX 2
DISCLAIMERS

Legal disclaimer:

All opinions in this opinion paper are personal opinions and they do not represent opinions of any legal entity I am member either by law or voluntarily. This opinion paper is only intended to trigger thinking and it is not legal advice.
This opinion paper does not apply to any past, current or future legal entity. This opinion paper will not cover any of the future changes in this fast-developing area. Any actions made based on this opinion is solely responsibility of respective actor making those actions.

Political disclaimer:

These opinions do not represent opinions of any political party. These opinions are not advices to certain policy and they are only intended to trigger thinking. Any law proposal based on these opinions are sole responsibility of that legal entity making law proposals.

These opinions are not meant to be extreme-right, moderate-right, extreme-centre ⁴², moderate-centre, extreme-left or moderate-left. They are only opinions of an individual whose overall thinking might or might not contain elements of different sources. These opinions do not reflect past, current or future political situation in the Finnish, European or worldwide politics.

These opinions are not meant to rally for a candidacy in any public election in any level.

Content of web pages:

This text may or may not refer to web pages. The content of those web pages is not responsibility of author of this document. They are referenced on the date of this document. If referenced web pages are not found after the date when this document is dated, that situation is not responsibility of the author. All changes done in the web pages this document refers are sole responsibility of those organisations and individuals maintaining those web pages. All illegal content found on the referred web pages is not on the responsibility of the author of this document, and producing that kind content is not endorsed by the author of this document.

Use of broken English

This text is in English, but from a person, whose is not a native English-speaking person. Therefore the text may or may not contain bad, odd and broken English, and can contain awkward linguistic solutions.

COPYRIGHT

This opinion paper is distributed under Creative Commons licence, to be specific the licence is "Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0)". The text of the licence can be obtained from the following web page:

http://creativecommons.org/licenses/by-nc-nd/4.0/ The English explanation is on the following web page:

http://creativecommons.org/licenses/by-nc-nd/4.0/legalcode

⁴² Based on the Finnish three-party system there is a phenomenon called extreme-centre in Finland. The 2011 parliamentary elections in Finland challenged the three-party system, since three "old" parties were not traditionally as the three largest parties. On 2015 this "new" party is part of the current Finnish Government. We all must be interested about this new development in Finland.