Identity Awareness of Research Data in Veillance & Social Computing: Investigating Transparency (Enabling Reuse & Collaboration)

Identity awareness for data has been introduced in the context of eScience as the requirement for the open research and transparency and reusability of the research data. This includes capability of linking research data to researchers, research projects, publications and identifying the license for the data.

In this paper, we examine these capabilities in the domains of veillance, big data and wearable computing. Particularly, we discuss the advantage of these capabilities in reuse of research data in these domains, and we examine the required technical and procedural capacities for enabling identity awareness in each domain.

# Identity Awareness of Research Data

Alexander Hayes
ORCID: 0000-0002-3094-4016
http://figshare.com/authors/Alexander-Hayes/101492

Amir Aryani
ORCID: 0000-0002-4259-9774
http://figshare.com/authors/Amir_Aryani/279046
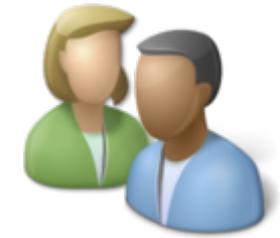
Researcher
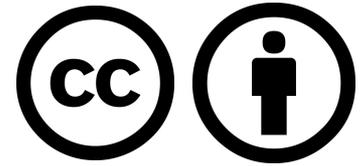
DATA

Licence

Publications

Projects

4 KEY CONSIDERATIONS

1. Is the technical infrastructure available to share this data with other researchers (even in a private context)?

2. Has **<u>any</u>** portion of that data been supported by public government funding? (open access as mandate, credibility of the research)

3. Can you identify the access right (licence) of the data? eg. CC BY

4. Has the data been published in an internationally recognised journal or as part of conference proceedings? (data citation & credibility of the research)

Terminology

- *Dataset*: In the context of this paper we focus on research data that has been used for academic publication. A research data repository holds more than one dataset while a dataset is composed of multiple data elements about physical or digital objects;

- *Researcher*: The person or the research group who has contributed to collecting or creating the data or used this data as part of an academic publication;

- *Publication*: An academic publication that reports in a research that has used the data as an input or an output;

- *Grant*: The research project or the research grant that funded or supported creating or collecting the research data;

- *Licence*: The access right for the data.

Attribution

Licence
GPL

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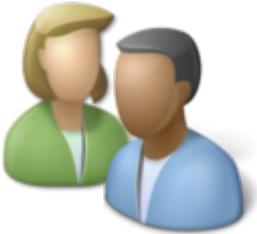
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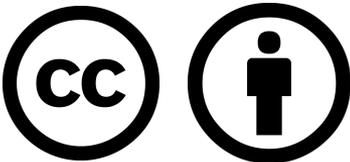
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