

Workshop about the understanding and improving the uptake and utilization open data

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ABSTRACT

Over the last years large amounts of datasets has been opened for the public. Governments from all over the world have embraced open data initiatives resulting in a variety of experiences. Portals for releasing open data have been developed, hackatons organized, apps are increasingly being developed and many practices have become available. Yet the practices are diverse and there is hardly any overview of generic methods, principles and practices for the opening and use of open data. This workshop aims at bringing together various stakeholders in the field of open data to discuss the uptake and utilization of open data. The fragmented landscape will be brought together and practices will be presented and shared. In particular, the problems of scaling up publishing and usage of open data will be tackled.

Categories and Subject Descriptors

J.1 [Administrative Data Processing]: Administrative Data Processing – *Government*; K4.1 [Computers and Society]: Public Policy issues - *Public Policy Issues*. K4.2 [Computers and Society]: Social issues K 4.3 [Computers and Society]: Organizational impact.

General Terms

Management, Documentation, Performance, Design, Languages, Theory.

Keywords

Open data, Open Government data, adoption, e-government, public administration

1. INTRODUCTION

<http://dx.doi.org/10.1145/2612733.2612734> Open government data (OGD) is booming and have resulted in diverse set of practices [1]. This workshop is a direct successor of the workshop “Aligning Core Stakeholders’ Perspectives and Issues in the Open

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Government Data Community“ [2]. Whereas the previous workshop was more policy-oriented this workshop is oriented towards gaining an overview of the fragmented landscape by sharing practices.

Both the opening and the use of data contains many challenges and impediments at the operational level [3] and at the policy level [4]. The opening and use of open data often comes together in portals in which demand and supply of open data is met as shown in figure 1. As such the focal point of many governmental efforts has been on the developed of user-friendly open data portal. Yet what is behind and how the portals are used has often been considered as a blackbox, leaving a void in the practices for both the opening and use of data.

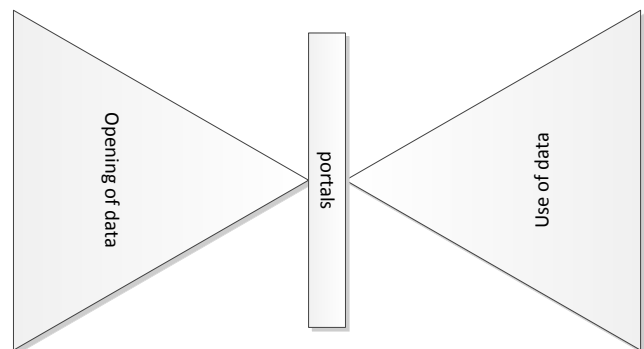


Figure 1. Portals as focal points of open data publishing and use

In the meantime a vibrant ecosystem has emerged. In some organizations the opening of data has becomes part of their daily procedures and routines, whereas other organizations are still struggling. Data in the fragmented portals has been indexed by search engines to create meta-portals for searching open data. Finally, there are many apps and tools for utilizing open data.

Still, a broad range of hurdles hinder the easy publishing and utilization of OGD [3, 5, 6], success is difficult to measure [7] and there are various myths surrounding OGD [8].

2. PROGRAM OVERVIEW

The workshop will consist of panel presentations and discussions. In the first part, background about OGD and the current developments and state of play about the publishing and utilization of open data will be presented. The second part will involve discussion in which participants are motivated to actively contribute. The detailed program can be found below.

Session	Duration	Theme
Background	15 min	<ul style="list-style-type: none"> ○ State of Play in OGD Programs
Panel Presentations	90 min	<ul style="list-style-type: none"> ○ Publishing Open data <ul style="list-style-type: none"> - Portals - Social Semantic Web ○ Open data utilization <ul style="list-style-type: none"> - Overview of practices - New business models
Break	15 min	
Discussion	60 min	<ul style="list-style-type: none"> ○ Open discussions involving all participants on new practices ○ Sharing of practices
Closing	15 min	<ul style="list-style-type: none"> ○ Highlights of contributions ○ Follow up

3. WORKSHOP ORGANIZERS

The workshop organizers and presenters are related to open government data in different ways.

3.1 Adegboyega Ojo

Adegboyega Ojo is Research Fellow and E-Government Unit Leader at the Insight Center for Data Analytics, National University of Ireland, Galway - a leading center in Semantic Web and Linked Open Data research. At Insight, his research and development work addresses how government entities can effectively leverage Linked Open Government Data for public service and policy innovation. Before his current role, he worked as academic program officer and research fellow at the Center for Electronic Governance, United Nations University – International Institute for Software Technology (UNU). At UNU, he supported governments in Africa, Asia, and Latin America; including Macao, Korea, Mongolia, Colombia, Cameroon and Nigeria. His expertise in E-Government is in the areas of Strategies, Architecture and Standards, Measurement, Software Infrastructure, Whole-of-Government models and Linked Open Government Data. Before his international engagements, he was Senior Lecturer in Computer Science at the University of Lagos, Nigeria, where he earlier earned his doctorate and bachelor degrees in 1998 and 1991 respectively. He is a member of Computer Professionals of Nigeria.

3.2 Marijn Janssen

Prof.dr. Marijn Janssen is full professor in ICT and Governance and head of the Information & Communication Technology section of the Technology, Policy and Management Faculty of Delft University of Technology. His research interests are in the field of infrastructures, public-private networks. and focuses on orchestration, shared services, intermediaries, open data and open government. He has been a consultant for the Ministry of Justice and received a Ph.D. in information systems (2001). He is associate editor of Government Information Quarterly (GIQ),

International Journal of E-Government Research (IJEGR), editor of Information Systems Frontiers (ISF), serves on several editorial boards and is involved in the organization of a number of conferences, including IFIP EGOV and ICEGOV. He is involved in ENGAGE a FP7 project which is aimed at developing an Infrastructure for Open, Linked Governmental Data Provision Towards Research Communities and Citizens. (More information can be found at www.engage-project.eu and www.engagedata.eu). For more information: www.tbm.tudelft.nl/marijn.j.

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