GEDE DO Participation Request

3.10.2018

Dimitris Koureas & Peter Wittenburg

Within the framework of the DO activities we are committed to write a few papers which may shed light on the usefulness of the DO concept. Here we give a short overview:

1. The first paper is the one written by Wittenburg & Strawn which already got quite some attraction (Common Patterns in Revolutionary Infrastructures and Data: <http://doi.org/10.23728/b2share.4e8ac36c0dd343da81fd9e83e72805a0>)
2. The second one is currently being written by some C2CAMP and GO FAIR colleagues to look at DOs from a more computer science view.
3. **The third one will be a paper with views from scientific domains how they see the usefulness of the DO concept. Here Dimitris Koureas and Peter Wittenburg take the lead to kick it off. The hope is to have a paper until Christmas.**
4. A fourth one is currently being written by Erik Schulthes (GO FAIR) and Peter Wittenburg (RDA/C2CAMP/GEDE) about the relation between the DO concept and the FAIR principles. Erik already elaborated on this in his workshop talk.

What we have noticed in our various talks in the EC is that there is a great interest in this topic and that EC colleagues see now the potential of DO-based infrastructures to realise part of the EOSC, i.e. the purpose is to get the above mentioned papers as soon as possible without compromising on the quality of the content.

This is a request to interested scientific communities to describe their potential application of the DO concept within their infrastructure plans with the intention to integrate them where possible into the third paper to be written. Examples for such applications can be found in the GEDE Share[[1]](#footnote-1) to which you all should have access[[2]](#footnote-2). We will collect the contributions, probably discuss some questions with the proposers and then see how we can best integrate the contributions into the paper to be written. The contributions must make clear statements about the use case and the gain that are expected with the integration of the DO concept. In case of questions, don't hesitate to contact Peter (+49 15141858784).

Please submit a filled in template (see below) as is indicated below and provide references were possible. You can also attach papers to your contribution email, but these should not exceed 5 pages.

Please, submit the filled-in templates until 19. October 2018

Dimitris & Peter

GEDE DO Participation Template

## Name and Institution

Nick Juty, University of Manchester

## Email and Telephone Number

n[ick.juty@manchester.ac.uk](mailto:Nick.juty@manchester.ac.uk); [nsjuty@gmail.com](mailto:nsjuty@gmail.com)

## Names of Collaborators

(if applicable)

I work with ELIXIR (CORBEL), Eoscpilot and BioSchemas

## Research Community

(could be an ESFRI or another research community)

Largely ELIXIR, but targeted to cross-RI efforts

## Major Goals of the Ongoing Infrastructure work

(describe the major goals of your current infrastructure work with max. 5 lines)

Interoperability

## Potential of the DO Concept for your Work

(please, describe your expected use of DOs in your work and the gain which you hope to achieve, max. 2 pages)

Alignment with international efforts on metadata/standards, and FAIR

1. <https://datashare.mpcdf.mpg.de/index.php/apps/files?dir=/GEDE/digital%20objects/GEDE-DO%20meetings/workshop-september-18&fileid=63958403> [↑](#footnote-ref-1)
2. Those who presented their plans already at the recent workshop do not have to submit these templates since we discussed the slides already. [↑](#footnote-ref-2)