Persistent Identifier Open Science Tools and Services for Researchers

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The THOR (Technical and Human Infrastructure for Open Research) Project brings together persistent identifier providers DataCite and ORCID, data repositories from diverse communities (EMBL/EBI, CERN, British Library, Pangaea, ANDS, Dryad) and publishers (PLOS, Elsevier). The European Commission funded project finishes in November 2017, and the Force2017 conference is a great opportunity to showcase the tools and services we have built.

In this demo session we will work with participants to use these tools and services in small groups, focussing on the use cases they bring to the session. Examples include deposition of research data and associated metadata in a variety of repositories, linking of the authors ORCID identifiers, linking to associated scholarly publications, and pushing it all into an auto-update workflow that connects the data repository with DataCite, ORCID, Crossref and identifiers.org. We will also look at discovery services, citation formatting services, and how to find documentation and training material about persistent identifiers. During the session we will collect feedback for future work on service improvement and launching additional services.