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# Visual Analytics of the DARIAH in-kind contributions

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## Abstract

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One of the main products of the Humanities at Scale project was a profound (re)-conceptualisation of the DARIAH in-kinds and a web-based service [2] to collect, review and display in-kind contributions, in short DARIAH contributions. [1] This paper looks at the results of the implementation phase of this new service, and particularly focuses on baseline statistics and visual analytics of the content submitted (about 300 contributions for 2017 and 2018).

In general, for European Research Infrastructures, so-called in-kind contributions are a way for the members to account for their national efforts under the umbrella of the ERIC. They may represent contributions available for all ERIC members (e.g., central services executed by an institution in a member country) and/or contributions which embody, complement, or enhance the mission and strategic actions of an ERIC on the national level.

DARIAH's reference model [1] on the basis of which contributions are defined, introduces two main categories: 'services' and 'activities'. For them a detailed metadata scheme has been devised. Submitted contributions are further subject to a detailed self-assessment and reviewing process, one part of which is dedicated to determine those contributions which are put up for the financial accountability of a member's contributions.

The web-based service replaces earlier forms of template-based and data-based submission of in-kinds, and enables immediate comparison of the submissions - also by a couple of visual interfaces (map, tables).

In this paper, we aim to demonstrate the main benefits of the tool and zoom into three aspects.

The DARIAH contribution tool relies on the tedious and comprehensive work of the National Coordinators which are in charge of the submission process. To make their often invisible work more visible is one motivation behind this paper.

The submitted content as such forms an interesting empirical base for reflection on what is seen as a DARIAH contribution by the DARIAH community. This, in turn, can inform

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the DARIAH strategy and help to monitor the success of its actions. This is the second motivation.

Submissions can still vary in form greatly, despite the formal model. They remain human generated content. Analysing the variety helps to tune the tool to user requirements, to fix bugs, and to curate the data it collects.

We conclude our paper with reflections on the future use of the tool and its connection to other DARIAH strategic actions, as designed in the Strategic Action Plan II.

PS: We would like to also present a poster on this topic.

D5.1 Report on Integrated Service!Needs: DARIAH (in kind) contributions - Concept and Procedures Lisa De Leeuw Femmy Admiraal Matej Ďurčo Nicolas Larousse Michael Mertens Francesca Morselli Mike Priddy Paulin Ribbe Carsten Thiel Lars Wieneke <https://hal.archives-ouvertes.fr/hal-01628733>

<https://dariah-beta.dans.knaw.nl/data/contrib/filter>

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