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MATARKA and the unique identifiers, especially the authors

In MATARKA (www.matarka.hu) as a table of contents database, there are about 320 thousand authors; approximately 60 percent of them are Hungarian. Many of these authors have common names, therefore many share the same name. So, we have to separate them somehow. How can this be achieved? The unique identifiers can help. For authors of scientific works we can use the identifier of MTMT (Hungarian Scientific Publications Database) and the identifier of the foreign, from research institutions maintained ORCID service (Open Researcher and Contributor ID), for fiction writers the VIAF (The Virtual International Authority File) is the solution.

Introducing unique identifiers also has the advantage that it makes it easer to create connections to other big data sets on the internet, e. g. being just one click away from MTMT or VIAF. On the part of MATARKA it is the first approximation to the semantic web.

This lecture presents these identifiers and the services behind them, as well as the gradual implementation process of adding them to the MATARKA database.