

8. Janusz Dorożyński: **Application software for the local MediaWiki instance of the Polish-language Wikipedia**

The article presents the building blocks of Wikipedia, related to its Mediawiki engine created in PHP - namespaces, dedicated wiki markup language and the mechanism of templates and the rules for their creation, the extension mechanism and Scribunto extensions enabling the construction of modules in the Lua programming language, which are instrumentation (automation) of functional construction of websites presented to users of Wikipedia. The development path of these mechanisms is discussed.

In relation to a specific Wikipedia - Polish-language, there are templates created in it during its development, placed in the namespace [[Template:]], with their types, utility purpose and application. This is illustrated with some representative examples of the most commonly used templates, and statistics on the use of templates in this wikipedia are also presented.

The article presents further modules of the Lua language, placed in the [[Module:]] namespace, along with the principles of converting templates into modules. Also in this case, the types of modules, their functional purpose and applications are given. It is illustrated with selected representative examples of the most commonly used modules, and statistics of module usage in the given wikipedia are also presented.

The conclusions present a comparison of both mechanisms of Polish Wikipedia utility instrumentation, and discuss the migration prospects to one solution - Lua modules in the context of Polish Wikipedia and the Mediawiki engine.