

This thesis analyses current practice in publication of information on public procurement according to official standards in Czech Republic and European Union. It proposes new conceptual domain model, and uses it to propose optimal format for publication and exchange of data on public procurement. Further a set of rules is proposed to check quality of published information, and a tool is implemented to perform their practical control. The tool is tested on all 10 500 Czech working APIs, their measured quality is described and evaluated. The tool has been published and is used by actual procurement issuers.