

*This document proposes a software-architectural pattern as a means of providing solutions to recurring application development demands in the context of the Web of Data. As such a pattern it could be described in the abstract, but it is felt that it has most utility in concrete scenarios involving the Web browser in conjunction with SPARQL servers and the Web at large. With this in mind some simple applications for this environment will be described.*

*The infrastructure components of a 'SPARQL Diamond' are a SPARQL server and a Web browser. A text templating engine intermediates SPARQL queries from the user interface and the server endpoint (request). Templating is again applied between the server (response) to deliver desired HTML rendering of the results.*

*The primary intent here is to demonstrate that data-driven applications can be created with minimal effort, given a starting point for development. Reference will be made to the current paucity of adoption of Semantic Web technologies, with the proposition that the description of simple patterns may reduce the demand on developers.*