

Updating SPARQL Results in Real-time with Client-side Fragment Patching

Miel Vander Sande
miel.vandersande@ugent.be

Ruben Verborgh
ruben.verborgh@ugent.be

Erik Mannens
erik.mannens@ugent.be

Rik Van de Walle
rik.vandewalle@ugent.be

Ghent University – iMinds – Multimedia Lab
Gaston Crommenlaan 8 bus 201
B-9050 Ledeberg-Ghent, Belgium

ABSTRACT

A lot of Linked Data on the Web is dynamic. Despite the existing query solutions and implementations, crucial unresolved issues remain. This poster presents a novel approach to update SPARQL results client-side by exchanging fragment patches. We aim at a sustainable solution which balances the load and reduces bandwidth. Therefore, our approach benefits from reusing unchanged data and minimizing data transfer size. By only working with patches, the load on the server is minimal. Also, the bandwidth usage is low, since only relevant changes are transferred to the client.

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