SPARQL ENDPOINT STATUS > DATAHUB.IO

“Monitoring the Status of SPARQL Endpoints”

▼ Description:
▷ Extract list of 427+ public SPARQL endpoints from Datahub.io
▷ Monitor DISCOVERABILITY, INTEROPERABILITY, PERFORMANCE, AVAILABILITY.

▼ DISCOVERABILITY:

dereferencing:
- HTTP Response Codes

VolD Discovery
- Find 427+ public SPARQL endpoints from Datahub.io

VolD Store
- void.rkbexplorer.com

Self-indexed Endpoint URL
- http://datahub.io/

▼ INTEROPERABILITY:

SPARQL 1.0:
- Test-case Queries Passed

SPARQL 1.1:
- Test-case Queries Passed

Compliance:
- Thresholds on the number of results

▼ PERFORMANCE:

Lookup Performance:
- Atomic ASK Queries

Join Performance:
- OPTIONAL with no results

Skewed Performance:
- Lorenz Curve

Dereferencing:
- HTTP Server Fields

VolD: Filename Conventions
- VoID:
  - void.rdf
  - void.uploaded.rdf

VolD: Discovery
- void.rkbexplorer.com

VolD: Store
- http://datahub.io/

▼ AVAILABILITY:

Uptimes: Hourly Pings over Two Years

Availability: Count

Availability: Ratio

This work was supported by Fujitsu (Ireland) Ltd. & by Science Foundation Ireland under Grant No. SF/08/CE/11830 (Lion-2). Carlos Buil-Aranda was supported by CONICYT/FONDECYT project No. 3130617.

http://sparqles.okfn.org/