

TP 1

Exercice 1

Consignes

Créer son fichier foaf.rdf et l'associer à sa page « homepage » web (page de présentation). Déposer sur github (cf annexe) (cerise sur le gateau valider sa homepage par le validateur du w3c « <https://www.w3.org/RDF/Validator/> »)

Réalisation

le fichier `foaf.rdf` contient les informations suivantes:

```
<?xml version="1.0" encoding="UTF-8"?>
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xmlns:foaf="http://xmlns.com/foaf/0.1/">

  <foaf:Person>
    <foaf:name>Damien Chapart</foaf:name>
    <foaf:givenName>Damien</foaf:givenName>
    <foaf:familyName>Chapart</foaf:familyName>
    <foaf:mbox rdf:resource="mailto:damien.chapart@etudiant.univ-lr.fr"/>
    <foaf:homepage rdf:resource="http://www.damienchapart.com"/>
    <foaf:workplaceHomepage rdf:resource="http://www.example.com"/>
    <foaf:depiction rdf:resource="http://www.damienchapart.com/photo.jpg"/>
    <foaf:knows>
      <foaf:Person>
        <foaf:name>Damien Chapart</foaf:name>
      </foaf:Person>
    </foaf:knows>
  </foaf:Person>

</rdf:RDF>
```

Il a été vérifié avec le validateur [en ligne de W3C](#) et il est valide.

Triples of the Data Model

Number	Subject	Predicate	Object
1	genid:A5287	http://www.w3.org/1999/02/22-rdf-syntax-ns#type	http://xmlns.com/foaf/0.1/Person
2	genid:A5287	http://xmlns.com/foaf/0.1/name	"Damien Chapart"
3	genid:A5287	http://xmlns.com/foaf/0.1/givenName	"Damien"
4	genid:A5287	http://xmlns.com/foaf/0.1/familyName	"Chapart"
5	genid:A5287	http://xmlns.com/foaf/0.1/mbox	mailto:damien.chapart@etudiant.univ-lr.fr
6	genid:A5287	http://xmlns.com/foaf/0.1/homepage	http://www.damienchapart.com
7	genid:A5287	http://xmlns.com/foaf/0.1/workplaceHomepage	http://www.example.com
8	genid:A5287	http://xmlns.com/foaf/0.1/depiction	http://www.damienchapart.com/photo.jpg
9	genid:A5288	http://www.w3.org/1999/02/22-rdf-syntax-ns#type	http://xmlns.com/foaf/0.1/Person
10	genid:A5287	http://xmlns.com/foaf/0.1/knows	genid:A5288
11	genid:A5288	http://xmlns.com/foaf/0.1/name	"Damien Chapart"

ensuite, j'ai écrit l'`index.html` pour afficher les informations de ce fichier rdf.

ensuite, j'ai utilisé le workflow github pour deployer le site sur github pages.

Le status du workflow est le suivant:

 Deploy static content to Pages passing

Le site est disponible sur:

Disponible sur [github pages](#)

Exercice 2

Consignes

Faire une transformation xsl pour visualiser en xhtml la page foaf.rdf. Ecrire au tableau l'URL de votre page foaf.rdf et ajouter des références aux autres pages (Connaissances).

Réalisation

J'ai créé un fichier `foaf.xsl` pour utiliser le fichier `foaf.rdf` et le transformer en `xhtml`.

Exercice 3

Consignes

Créer un compte sur ORCID et utiliser curl pour récupérer les éléments de votre compte (en particulier avec les éléments foaf)

Réalisation

J'ai créé un compte sur [ORCID](#) et j'ai utilisé `curl` pour récupérer les informations de mon compte.

```
curl -L -H "Accept: application/rdf+xml" https://orcid.org/0009-0003-8633-0771
```

Exercice 4

Consignes

Utiliser le moteur ldspider pour « crawler » vos pages et/ou « <http://sixhills-consulting.com/foaf/agueritz/foaf.rdf> » pour découvrir d'autres personnes foaf. Conserver le résultat du crawling pour la suite. (On pourra utiliser tinyproxy pour simplifier l'utilisation du web sur les vm en salle réseau MSI)

Réalisation

Avec le jar `ldspider-1.1.0-jar-with-dependencies.jar` j'ai lancé la commande suivante:

```
#!/bin/bash
java -jar ldspider-1.3-with-dependencies.jar -c 1 -f rdfxml -o /tmp/ldspider
http://sixhills-consulting.com/foaf/agueritz/foaf.rdf
```

```
> java -jar ldspider-1.3-with-dependencies.jar http://sixhills-consulting.com/foaf/agueritz/foaf.rdf
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
```

```
usage: [-a <filename.gz>] [-accept <MIME Types>] [-any23] [-any23ext <any23
extractor names>] -b <depth uri-limit pld-limit> | -c <max-uris> | -d
<directory> [-bl <extensions>] [-ctIgnore] [-cto <time in ms>] [-dbfq]
[-dbfqInput <filename>] [-dbfqSave <basefilename>] [-df <base filename>]
[-dh <filename>] [-dr] [-ds <filename>] [-e] [-f <uris> | -n | -y
```

```
<host>]
```

```
[-h] [-hopsplit] [-lfADignore] [-m <frontier-file>] [-mapseed] [-minpld
<min. # of active PLDs>] [-mr <max. # of redirects>] [-o
```

```
<filename.gz>
```

```
| -oe <uri>] [-polite <time in ms>] [-r <filename.gz>] [-resumebfc
<seenfile redirectsfile>] [-rf] -s <file> [-sdf <sort gzip>] [-sto <time
in ms>] [-t <threads>] [-ul <number>] [-v <filename.gz>]
```

```
ERROR: Missing required options: s, [-b do strict breadth-first (uri-limit and
pld-limit optional), -c use load balanced crawling strategy, -d download seed
URIs and archive raw data]
```

```
-a <filename.gz>
```

```
-accept <MIME Types>
```

```
-any23
```

```
-any23ext <any23 extractor names>
```

```
-b <depth uri-limit pld-limit>
and
```

```
-bl <extensions>
```

```
crawling
```

```
-c <max-uris>
```

```
-ctIgnore
```

```
-cto,--connection-timeout <time in ms>
```

```
-d <directory>
```

```
-dbfq
```

name of access log file

Change the HTTP Accept header to the one supplied

Use any23 for extending the formats available to parse.

Override the defaultly selected extractors that are to be loaded with any23. Leave empty to use all any23 has available. Default: [html-rdfa11, rdf-xml, rdf-turtle, rdf-nt, rdf-nq, html-script-turtle]

do strict breadth-first (uri-limit pld-limit optional)

overwrite default suffixes of files that are to be ignored in the

with the ones supplied. Note: no suffix is also an option. Default: [.txt, .html, .xhtml, .json, .ttl, .nt, .jpg, .pdf, .htm, .png, .jpeg, .gif]

use load balanced crawling strategy Parse and fetch disrespective of content-type

Set connection timeout. Default: 32000ms

download seed URIs and archive raw data

Uses the on-disk BreadthFirstQueue if crawling breadth-first. Doesn't support uri-limit and pld-limit (see -b). Needs -sdf sort to be set. Ranks URIs on the PLDs according to their in-link count.

```

-dbfqInput <filename>

-dbfqSave <basefilename>

-df <base filename>
file

number>
-dh <filename>

-dr

-ds <filename>

basefilename
-e
-f,--follow <uris>
-h,--help
-hopsplit
-lfADignore
box

-m <frontier-file>

-mapseed
should

-minpld <min. # of active PLDs>

-mr <max. # of redirects>

-n

-o <filename.gz>
-oe <uri>
-polite <time in ms>
a

-r <filename.gz>
-resumbfc <seenfile redirectsfile>

-rf,--rankFrontier

```

For the on-disk breadth-first queue (-dbfq), use this file as input for the eternal in-link count.

For the on-disk breadth-first queue (-dbfq), save the eternal in-link count per URI after each hop to this file.

Dump frontier after each round to

(only breadth-first). File name format: <base filename>--<round

Dump header information to a separate file. It makes no sense to set -e at the same time.

Don't use Redirects.class for Redirects handling

Choose the on-disk Seen implementation. Argument:

omit header triple in data

only follow specific predicates

print help

split output hopwise

Make No difference between A and T

in crawling

memory-optimised (puts frontier on disk)

Sets if the minimum active plds

already be taken into account downloading the seedlist.

In order to avoid PLD starvation, set the minimum number of active plds for each breadth first queue round. The seedlist is always downloaded completely (see -mapseed).

Specify the length a redirects (30x) is allowed to have at max. (default: 4; with seq.strategy: 1).

do not extract links - just follow redirects

name of NQuad file with output

SPARQL/Update endpoint for output

Time to wait between two requests to

PLD.

write redirects.nx file

Resume an interrupted breadth-first crawl. Requires a seen file and a redirects file. The old frontier should be the seedlist.

If set, the URIs in frontier are ranked according to their number of in-links, and alphabetically as

second

```
-s <file>
-sdf <sort gzip>
```

add

```
-sto,--socket-timeout <time in ms>
-t <threads>
-ul <number>
```

balanced

```
-v <filename[.gz]>
-y,--stay <host>
```

ordering. Use this option for something like a priority queue. location of seed list Use SortingDiskFrontier as frontier. If URIs are to be returned sorted,

"sort" as value, if all temp files involved are to be gzipped, add "gzip".

Set socket timeout. Default: 32000ms number of threads (default 2) Sets a limit for the Uris downloaded overall containing >0 stmts. Hits the interval [limit;limit+#threads]. Not necessarily intended for load-

crawling.

name of file logging rounds stay on host with given name

Error occured! Please see the error message above

```
> java -jar ldspider-1.3-with-dependencies.jar -b 10 -s foaf.rdf
```

SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".

SLF4J: Defaulting to no-operation (NOP) logger implementation

SLF4J: See <http://www.slf4j.org/codes.html#StaticLoggerBinder> for further details.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Main run

INFO: reading seeds from

/Users/damchap/Documents/Perso_Damien/Cours/niort/M2/WebSementique/FOAF/foaf.rdf

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Main run

INFO: loading seedlist into frontier

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Main run

INFO: frontier done

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Main run

INFO: init crawler

Sep 26, 2024 1:21:30 PM

com.ontologycentral.ldspider.http.internal.CloseIdleConnectionThread <init>

INFO: Initialised CloseIdleConnectionThread with sleepTime 60000 ms

Sep 26, 2024 1:21:30 PM

com.ontologycentral.ldspider.http.internal.CloseIdleConnectionThread run

INFO: Starting CloseIdleConnectionThread

Sep 26, 2024 1:21:30 PM

com.ontologycentral.ldspider.http.internal.CloseIdleConnectionThread run

INFO: Closing expired and idle connections

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Main run

INFO: breadth-first crawl with 2 threads, depth 10 maxuris -1 maxplds -1 minActivePlds unspecified

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue schedule

INFO: start scheduling...

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue schedule

INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue schedule

INFO: scheduling 0 plds done (0 URIs) in 1 ms. This was schedule No. 1

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule

INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst

INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst

INFO: Starting threads round 0 with 0 uris

LT-0

LT-1

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: starting thread ...

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: starting thread ...

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst

INFO: ROUND 0 DONE with 0 uris remaining in queue

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst

INFO: Last non-empty context of this hop (# 0): null

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule

INFO: start scheduling...

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule

INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule

INFO: scheduling 0 plds done (0 URIs) in 1 ms. This was schedule No. 2

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule

INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst

INFO: Starting threads round 1 with 0 uris

LT-0

LT-1

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: starting thread ...

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: starting thread ...

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run

INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).

```
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 1 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 1 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 1 ms. This was schedule No. 3
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 2 with 0 uris
LT-0
LT-1
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 2 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 2 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 4
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 3 with 0 uris
LT-0
```


LT-1

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 3 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 3): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 5
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst

INFO: Starting threads round 4 with 0 uris

LT-0

LT-1

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 4 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 4): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 6
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 5 with 0 uris
LT-0
LT-1
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 5 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 5): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 1 ms. This was schedule No. 7
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 6 with 0 uris
LT-0
LT-1
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler

```
evaluateBreadthFirst
INFO: ROUND 6 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 6 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 8
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 7 with 0 uris
LT-0
LT-1
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 7 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 7 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 9
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 8 with 0 uris
LT-0
LT-1
```

```
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 8 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 8 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 1 ms. This was schedule No. 10
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 9 with 0 uris
LT-0
LT-1
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 9 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 9 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
```

```
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 11
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Starting threads round 10 with 0 uris
LT-0
LT-1
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: starting thread ...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.http.LookupThread run
INFO: finished thread after fetching 0 uris; 0 in all threads overall until now
(0 with non-empty RDF).
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: ROUND 10 DONE with 0 uris remaining in queue
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.Crawler
evaluateBreadthFirst
INFO: Last non-empty context of this hop (# 10 ): null
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: start scheduling...
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: sorted pld list (sorted only if maximum for plds or uris has been set) []
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: scheduling 0 plds done (0 URIs) in 0 ms. This was schedule No. 12
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.queue.BreadthFirstQueue
schedule
INFO: Plus 0 redirects.

Sep 26, 2024 1:21:30 PM
com.ontologycentral.ldspider.http.internal.CloseIdleConnectionThread shutdown
INFO: Stopping CloseIdleConnectionThread
Sep 26, 2024 1:21:30 PM
com.ontologycentral.ldspider.http.internal.CloseIdleConnectionThread run
INFO: Stopped CloseIdleConnectionThread
time elapsed 199 ms 0.0 lookups/sec
Sep 26, 2024 1:21:30 PM com.ontologycentral.ldspider.CloseablesCloser run
INFO: Closing down some closeables...
```