

About DSpace rdfizer

Exemple de commande soumis

```
dspace rdfizer -n -o -c -i 123456789/0 > dbase.ttl
```

Result

```
@prefix void: <http://rdfs.org/ns/void#> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix bibo: <http://purl.org/ontology/bibo/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix dspace: <http://digital-repositories.org/ontologies/dspace/0.1.0#> .
@prefix dc: <http://purl.org/dc/elements/1.1/> .

<http://localhost:8080/server/rdf/resource/123456789/4>
  dspace:hasBitstream <http://localhost:4000/bitstream/123456789/4/1/package.pdf> ;
  dspace:isPartOfCollection <http://localhost:8080/server/rdf/resource/123456789/2> ;
  dc:date "2022-03-02T13:53:03Z"^^xsd:dateTime ;
  dcterms:available "2022-03-02T13:53:03Z"^^xsd:dateTime ;
  dcterms:created "2018-10-06T20:16:20Z"^^xsd:dateTime ;
  dcterms:hasPart <http://localhost:4000/bitstream/123456789/4/1/package.pdf> ;
  dcterms:isPartOf <http://localhost:8080/server/rdf/resource/123456789/2> ;
  dcterms:title "Simple Article" ;
  bibo:uri <http://localhost:4000/handle/123456789/4> ;
  void:sparqlEndpoint <http://localhost/fuseki/dspace/sparql> ;
  foaf:homepage <http://localhost:8080/> .

@prefix void: <http://rdfs.org/ns/void#> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix bibo: <http://purl.org/ontology/bibo/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix dspace: <http://digital-repositories.org/ontologies/dspace/0.1.0#> .
@prefix dc: <http://purl.org/dc/elements/1.1/> .

<http://localhost:8080/server/rdf/resource/123456789/3>
  dspace:hasBitstream <http://localhost:4000/bitstream/123456789/3/1/pdf1.pdf> ;
  dspace:isPartOfCollection <http://localhost:8080/server/rdf/resource/123456789/2> ;
  dc:contributor "Michel Héon" ;
  dc:creator "Michel Héon" ;
  dc:date "2022-03-02T12:50:17Z"^^xsd:dateTime ;
  dcterms:alternative "Autre titre" ;
  dcterms:available "2022-03-02T12:50:17Z"^^xsd:dateTime ;
  dcterms:bibliographicCitation "Une cutation" ;
  dcterms:hasPart <http://localhost:4000/bitstream/123456789/3/1/pdf1.pdf> ;
  dcterms:isPartOf <http://localhost:8080/server/rdf/resource/123456789/2> ;
  dcterms:issued "2022-03-02" ;
  dcterms:title "PDF" ;
  bibo:uri <http://localhost:4000/handle/123456789/3> ;
  void:sparqlEndpoint <http://localhost/fuseki/dspace/sparql> ;
  foaf:homepage <http://localhost:8080/> .

@prefix void: <http://rdfs.org/ns/void#> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix bibo: <http://purl.org/ontology/bibo/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix dspace: <http://digital-repositories.org/ontologies/dspace/0.1.0#> .

<http://localhost:8080/server/rdf/resource/123456789/2>
  a bibo:Collection ;
  dspace:hasItem <http://localhost:8080/server/rdf/resource/123456789/4> , <http://localhost:8080/server/rdf/resource/123456789/3> ;
  dspace:isPartOfCommunity <http://localhost:8080/server/rdf/resource/123456789/1> ;
  dcterms:hasPart <http://localhost:8080/server/rdf/resource/123456789/4> , <http://localhost:8080/server/rdf/resource/123456789/3> ;
  dcterms:isPartOf <http://localhost:8080/server/rdf/resource/123456789/1> ;
```

```

        void:sparqlEndpoint      <http://localhost/fuseki/dspace/sparql> ;
        foaf:homepage            <http://localhost:8080/> .
@prefix void: <http://rdfs.org/ns/void#> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix bibo: <http://purl.org/ontology/bibo/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix dspace: <http://digital-repositories.org/ontologies/dspace/0.1.0#> .

<http://localhost:8080/server/rdf/resource/123456789/1>
    a                                bibo:Collection ;
    dspace:hasCollection             <http://localhost:8080/server/rdf/resource/123456789/2> ;
    dspace:isPartOfRepository        <http://localhost:8080/server/rdf/resource/123456789/0> ;
    dcterms:hasPart                  <http://localhost:8080/server/rdf/resource/123456789/2> ;
    dcterms:isPartOf                <http://localhost:8080/server/rdf/resource/123456789/0> ;
    void:sparqlEndpoint              <http://localhost/fuseki/dspace/sparql> ;
    foaf:homepage                    <http://localhost:8080/> .
@prefix void: <http://rdfs.org/ns/void#> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix dspace: <http://digital-repositories.org/ontologies/dspace/0.1.0#> .

<http://localhost:8080/server/rdf/resource/123456789/0>
    dspace:hasCommunity              <http://localhost:8080/server/rdf/resource/123456789/1> ;
    dcterms:hasPart                  <http://localhost:8080/server/rdf/resource/123456789/1> ;
    void:sparqlEndpoint              <http://localhost/fuseki/dspace/sparql> ;
    foaf:homepage                    <http://localhost:8080/> .

```

Observation

- Prefix header generated at each resource
- No choice of output format (only turtle)
- No person descriptions
- Malformed IRI
 - 123456789/0 slash in ID
 - .../resource/123456789 delimitation by a slash between the baseIRI and the identifier instead of using the # (e.g. well formed: http://localhost:8080/server/rdf/resource#id123456789_0)
 - The IRIs look like are actually URLs of who is an antipattern