

RESTful HTTP API - Fixity

- [GET Get the fixity report for an object](#)

Request URI: `/path/to/some/resource/fcr:fixity`

Methods: GET

GET

Get the fixity report for an object

Checking fixity requires retrieving the content from the binary store and may take some time.

Request Headers:

ACCEPT

application/ld+json, application/n-triples, application/rdf+xml, application/x-turtle, application/xhtml+xml, application/xml, text/html, text/n3, text/plain, text/rdf+n3, text/turtle

Example:

```
curl -H "Accept: text/turtle" "http://localhost:8080/rest/path/to/some/resource/fcr:fixity"
```

Response (fixity success):

Status: 200 OK

Headers:

Content-Type: text/turtle

Body:

@prefix premis: <http://www.loc.gov/premis/rdf/v1#> .

@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .

<http://localhost:8080/rest/path/to/some/resource>

premis:hasFixity <http://localhost:8080/rest/path/to/some/resource#fixity/1494431303920> .

<http://localhost:8080/rest/path/to/some/resource#fixity/1494431303920>

rdf:type premis:Fixity ;

rdf:type premis:EventOutcomeDetail ;

premis:hasEventOutcome "SUCCESS" ;

premis:hasMessageDigestAlgorithm "SHA-1" ;

premis:hasMessageDigest <urn:sha1:ca3392593351ef8e6554bdabfbd8bdc1002ecb6f> ;

premis:hasSize "1277811"^^<http://www.w3.org/2001/XMLSchema#long> .

Response (fixity failure):

Status: 200 OK
Headers:
Content-Type: text/turtle

Body:

```
@prefix premis: <http://www.loc.gov/premis/rdf/v1#> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .

<http://localhost:8080/rest/path/to/some/resource>
  premis:hasFixity <http://localhost:8080/rest/path/to/some/resource#fixity/1494445619308> .

<http://localhost:8080/rest/path/to/some/resource#fixity/1494445619308>
  rdf:type          premis:Fixity ;
  rdf:type          premis:EventOutcomeDetail ;
  premis:hasEventOutcome "BAD_CHECKSUM" ;
  premis:hasEventOutcome "BAD_SIZE" ;
  premis:hasMessageDigestAlgorithm "SHA-1" ;
  premis:hasMessageDigest <urn:sha1:1d3d03c656cf0a944c393bf9257c6cecdba5263f> ;
  premis:hasSize        "1287509"^^<http://www.w3.org/2001/XMLSchema#long> .
```

Status:

200

OK

404

Resource not found