DataProcessing

November 16, 2020

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Chapter 1

Module Documentation

1.1 Entities

1.1.0.1 ogit/DataProcessing/DataView

Data view.

- id: http://www.purl.org/ogit/DataProcessing/DataView
- valid-from: Tue Oct 31 00:00:00 UTC 2017
- creator: druss@arago.de
- scope: NTO
- parent: ogit/Node

attributes

- optional:
  - ogit/DataProcessing/parameters
  - ogit/DataProcessing/query
  - ogit/DataProcessing/queryType
  - ogit/description
  - ogit/name

1.1.0.2 ogit/DataProcessing/Program

The program is used for creating data streams, and applying transformations to them.

- id: http://www.purl.org/ogit/DataProcessing/Program
- valid-from: Tue Feb 28 00:00:00 UTC 2017
- creator: Oday Jubran
- scope: NTO
- parent: ogit/Node

attributes

- mandatory:
  - ogit/DataProcessing/outputType
  - ogit/DataProcessing/parameters
  - ogit/DataProcessing/query
  - ogit/DataProcessing/queryType
  - ogit/content
- optional:
  - ogit/DataProcessing/internalJobId
  - ogit/DataProcessing/state
  - ogit/description
  - ogit/name

1.2 Attributes

1.2.0.1 ogit/DataProcessing/queryType

Type of the query of the input data stream

- id: http://www.purl.org/ogit/DataProcessing/queryType
- valid-from: Mon Feb 27 00:00:00 UTC 2017
- creator: Oday Jubran

used

- mandatory:
  - ogit/DataProcessing/Program
- optional:
  - ogit/DataProcessing/DataView

1.2.0.2 ogit/DataProcessing/query

The query of the input data stream

- id: http://www.purl.org/ogit/DataProcessing/query
- valid-from: Mon Feb 27 00:00:00 UTC 2017
- creator: Oday Jubran

used

- mandatory:
  - ogit/DataProcessing/Program
- optional:
  - ogit/DataProcessing/DataView

1.2.0.3 ogit/DataProcessing/state

The state of the program: idle, started, stopped

- id: http://www.purl.org/ogit/DataProcessing/state
- valid-from: Tue Feb 28 00:00:00 UTC 2017
- creator: Oday Jubran

used

- optional:
  - ogit/DataProcessing/Program

1.2.0.4 ogit/DataProcessing/outputType

The type of the output data stream

- id: http://www.purl.org/ogit/DataProcessing/outputType
- valid-from: Mon Feb 27 00:00:00 UTC 2017
- creator: Oday Jubran

used

- mandatory:
  - ogit/DataProcessing/Program

1.2.0.5 ogit/content

A string holding any type of content: plain string, XML fragments, RDF documents, ...

- id: http://www.purl.org/ogit/content
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - ogit/DataProcessing/Program

1.2.0.6 ogit/name

Contains a name.

- id: http://www.purl.org/ogit/name
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - ogit/DataProcessing/DataView
  - ogit/DataProcessing/Program

1.2.0.7 ogit/description

Contains a description.

- id: http://www.purl.org/ogit/description
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - ogit/DataProcessing/DataView
  - ogit/DataProcessing/Program

1.2.0.8 ogit/DataProcessing/internalJobId

The job id of the running program

- id: http://www.purl.org/ogit/DataProcessing/internalJobId
- valid-from: Tue Feb 28 00:00:00 UTC 2017
- creator: Oday Jubran

used

- optional:
  - ogit/DataProcessing/Program

1.2.0.9 ogit/DataProcessing/parameters

The query parameters

- id: http://www.purl.org/ogit/DataProcessing/parameters
- valid-from: Mon Feb 27 00:00:00 UTC 2017
- creator: Oday Jubran

used

- mandatory:
  - ogit/DataProcessing/Program
- optional:
  - ogit/DataProcessing/DataView