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## DataProcessing

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October 2, 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](mailto: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](#)