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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

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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

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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

- $\bullet \ \, \textbf{id} : \\ \texttt{http://www.purl.org/ogit/DataProcessing/state} \\$
- valid-from: Tue Feb 28 00:00:00 UTC 2017
- · creator: Oday Jubran

used

- optional:
 - ogit/DataProcessing/Program

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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

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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

```
\bullet \ id: \verb|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