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1 Module Documentation		
1.1 Entities		
1.1.0.1 ogit/Adv	vertising/Client	
1.1.0.2 ogit/Adv	vertising/InsertionOrder	
1.1.0.3 ogit/Adv	vertising/Campaign	
1.1.0.4 ogit/Adv	vertising/LineItem	
1.1.0.5 ogit/Adv	vertising/MediaPlan	
1.1.0.6 ogit/Adv	vertising/Creative	
1.1.0.7 ogit/Adv	vertising/Platform	
1.1.0.8 ogit/Adv	vertising/Advertiser	
1.1.0.9 ogit/Adv	vertising/CampaignManager	
1.1.0.10 ogit/Ti	meseries	
1.2 Verbs		
1.2.0.1 ogit/cor	ntains	
1.2.0.2 ogit/ma	nages	
1.2.0.3 ogit/sup	pervises	
1.2.0.4 ogit/ger	nerates	
1.2.0.5 ogit/incl	udes	
1.2.0.6 ogit/ass	ociates	
1.2.0.7 ogit/ow	ns	
1.2.0.8 ogit/use	es	
1.2.0.9 ogit/cor	nsistsOf	
1.3 Attributes		
1.3.0.1 ogit/cat	egory	
1.3.0.2 ogit/uni	t	
1.3.0.3 ogit/nar	ne	
1.3.0.4 ogit/des	scription	
1.2.0.5 ogit/ing	tanaa	10

# **Chapter 1**

# **Module Documentation**

# 1.1 Entities

## 1.1.0.1 ogit/Advertising/Client

Client purchasing advertising from agency

```
• id: http://www.purl.org/ogit/Advertising/Client
```

· valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

## outgoing edges

• ogit/owns => ogit/Advertising/MediaPlan

## 1.1.0.2 ogit/Advertising/InsertionOrder

The individual order or purchase to be sent out to a publisher

```
• id: http://www.purl.org/ogit/Advertising/InsertionOrder
```

• valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

## incoming edges

 $\bullet \ \, \text{ogit/consistsOf} <= \text{ogit/Advertising/Campaign}$ 

#### outgoing edges

- ogit/consistsOf => ogit/Advertising/LineItem
- ogit/generates => ogit/Timeseries

#### 1.1.0.3 ogit/Advertising/Campaign

## An advertising campaign

• id: http://www.purl.org/ogit/Advertising/Campaign

· valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

#### incoming edges

- ogit/associates <= ogit/Advertising/Creative
- ogit/contains <= ogit/Advertising/Advertiser
- ogit/contains <= ogit/Advertising/Platform
- ogit/includes <= ogit/Advertising/MediaPlan

# outgoing edges

- ogit/consistsOf => ogit/Advertising/InsertionOrder
- ogit/generates => ogit/Timeseries

## 1.1.0.4 ogit/Advertising/LineItem

Individual advertising orders on insertion order - lowest level

- id: http://www.purl.org/ogit/Advertising/LineItem
- · valid-from: Fri May 10 00:00:00 UTC 2019
- creator: Patrick Williamson
- · scope: NTO
- · parent: ogit/Node

#### incoming edges

• ogit/consistsOf <= ogit/Advertising/InsertionOrder

#### outgoing edges

- ogit/generates => ogit/Timeseries
- ogit/uses => ogit/Advertising/Creative

## 1.1.0.5 ogit/Advertising/MediaPlan

The advertising plan, what to buy, when, what conditions etc.

• id: http://www.purl.org/ogit/Advertising/MediaPlan

· valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

# incoming edges

- ogit/manages <= ogit/Advertising/CampaignManager
- ogit/owns <= ogit/Advertising/Client

# outgoing edges

• ogit/includes => ogit/Advertising/Campaign

## 1.1.0.6 ogit/Advertising/Creative

## The ad content

- id: http://www.purl.org/ogit/Advertising/Creative
- · valid-from: Fri May 10 00:00:00 UTC 2019
- · creator: Patrick Williamson
- · scope: NTO
- · parent: ogit/Node

# incoming edges

• ogit/uses <= ogit/Advertising/LineItem

#### outgoing edges

• ogit/associates => ogit/Advertising/Campaign

## 1.1.0.7 ogit/Advertising/Platform

Platform or application on which a Campaign is run

• id: http://www.purl.org/ogit/Advertising/Platform

• valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

# incoming edges

• ogit/supervises <= ogit/Advertising/CampaignManager

## outgoing edges

- ogit/contains => ogit/Advertising/Campaign
- ogit/contains => ogit/Advertising/Advertiser

# 1.1.0.8 ogit/Advertising/Advertiser

The advertiser.

- id: http://www.purl.org/ogit/Advertising/Advertiser
- · valid-from: Fri May 10 00:00:00 UTC 2019
- · creator: Patrick Williamson
- · scope: NTO
- · parent: ogit/Node

## attributes

- optional:
  - ogit/category

# incoming edges

• ogit/contains <= ogit/Advertising/Platform

#### outgoing edges

• ogit/contains => ogit/Advertising/Campaign

## 1.1.0.9 ogit/Advertising/CampaignManager

## Manages end-to-end campaign

• id: http://www.purl.org/ogit/Advertising/CampaignManager

· valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

## outgoing edges

- ogit/manages => ogit/Advertising/MediaPlan
- ogit/supervises => ogit/Advertising/Platform

# 1.1.0.10 ogit/Timeseries

A time series is a sequence of data points, measured typically at successive points in time spaced at uniform time intervals.

• id: http://www.purl.org/ogit/Timeseries

· valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

· scope: SGO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/description
  - ogit/instance
  - ogit/name
  - ogit/unit

# incoming edges

- ogit/generates <= ogit/Advertising/Campaign
- ogit/generates <= ogit/Advertising/InsertionOrder
- ogit/generates <= ogit/Advertising/LineItem

1.2 Verbs 6

## 1.2 Verbs

## 1.2.0.1 ogit/contains

This relationship indicates that something is part of something else. see also "includes"

```
• id: http://www.purl.org/ogit/contains
```

· valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Advertising/Advertiser => ogit/Advertising/Campaign

- ogit/Advertising/Platform => ogit/Advertising/Campaign
- ogit/Advertising/Platform => ogit/Advertising/Advertiser

#### 1.2.0.2 ogit/manages

This relationship indicates that one entity manages some other.

```
• id: http://www.purl.org/ogit/manages
```

· valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

#### **Allowed Connection**

ogit/Advertising/CampaignManager => ogit/Advertising/MediaPlan

## 1.2.0.3 ogit/supervises

Indicates if an entity supervises another entity. E.g. a Person supervises a Ticket or a Task.

```
• id: http://www.purl.org/ogit/supervises
```

valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

# **Allowed Connection**

 $\bullet \ \, ogit/Advertising/CampaignManager => ogit/Advertising/Platform$ 

1.2 Verbs 7

#### 1.2.0.4 ogit/generates

Verb indicating if an entity generates another entity.

```
• id: http://www.purl.org/ogit/generates
```

· valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

#### **Allowed Connection**

- ogit/Advertising/Campaign => ogit/Timeseries
- ogit/Advertising/InsertionOrder => ogit/Timeseries
- ogit/Advertising/LineItem => ogit/Timeseries

## 1.2.0.5 ogit/includes

Indicates if an entity includes something else.

```
• id: http://www.purl.org/ogit/includes
```

· valid-from: Thu Jul 05 00:00:00 UTC 2018

• creator: qikram@arago.de

#### **Allowed Connection**

• ogit/Advertising/MediaPlan => ogit/Advertising/Campaign

# 1.2.0.6 ogit/associates

Verb indicating if an entity associates with another entity.

```
• id: http://www.purl.org/ogit/associates
```

• valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Advertising/Creative => ogit/Advertising/Campaign

1.2 Verbs 8

#### 1.2.0.7 ogit/owns

This relationship indicates that one entity owns some other.

```
• id: http://www.purl.org/ogit/owns
```

· valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

## **Allowed Connection**

• ogit/Advertising/Client => ogit/Advertising/MediaPlan

## 1.2.0.8 ogit/uses

This relationship indicates that some entity is used by some other.

```
• id: http://www.purl.org/ogit/uses
```

valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Advertising/LineItem => ogit/Advertising/Creative

## 1.2.0.9 ogit/consistsOf

It shows, that the destination entity is a non-exclusive part of the source.

```
• id: http://www.purl.org/ogit/consistsOf
```

valid-from: Tue Feb 13 00:00:00 UTC 2018

· creator: Aymen Ayoub

# **Allowed Connection**

- $\bullet \ \ ogit/Advertising/Campaign => ogit/Advertising/InsertionOrder$
- ogit/Advertising/InsertionOrder => ogit/Advertising/LineItem

1.3 Attributes 9

# 1.3 Attributes

# 1.3.0.1 ogit/category

Used to categorize things.

```
• id: http://www.purl.org/ogit/category
```

• valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

used

- · optional:
  - ogit/Advertising/Advertiser

## 1.3.0.2 ogit/unit

Unit of measurement of some value.

```
• id: http://www.purl.org/ogit/unit
```

• valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

used

- optional:
  - ogit/Timeseries

# 1.3.0.3 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/Timeseries

1.3 Attributes 10

# 1.3.0.4 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/Timeseries

# 1.3.0.5 ogit/instance

Defines the name of an instance.

- id: http://www.purl.org/ogit/instance
- valid-from: Wed Aug 03 00:00:00 UTC 2016
- creator: Philipp Pelchmann

used

- optional:
  - ogit/Timeseries