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# **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

## attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

## outgoing edges

- ogit/owns => ogit/Advertising/MediaPlan
- ogit/owns => ogit/Advertising/Campaign

## 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

#### attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

## incoming edges

- ogit/consistsOf <= ogit/Advertising/Campaign
- ogit/hosts <= ogit/Advertising/Platform

## outgoing edges

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

## 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

#### attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

#### incoming edges

- ogit/contains <= ogit/Advertising/Advertiser
- ogit/hosts <= ogit/Advertising/Platform
- ogit/includes <= ogit/Advertising/MediaPlan
- ogit/manages <= ogit/Advertising/CampaignManager
- ogit/owns <= ogit/Advertising/Client

## outgoing edges

- ogit/consistsOf => ogit/Advertising/InsertionOrder
- ogit/consistsOf => ogit/Advertising/Creative
- 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

## attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

#### 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

#### attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

## 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

## attributes

- optional:
  - ogit/description
  - ogit/name
  - ogit/type

## incoming edges

- ogit/consistsOf <= ogit/Advertising/Campaign
- ogit/uses <= ogit/Advertising/InsertionOrder
- ogit/uses <= ogit/Advertising/LineItem

# 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

## attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

## incoming edges

• ogit/supervises <= ogit/Advertising/CampaignManager

## outgoing edges

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

## 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
  - ogit/description
  - ogit/name
  - ogit/type

## 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

## attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

#### outgoing edges

- ogit/manages => ogit/Advertising/MediaPlan
- ogit/manages => ogit/Advertising/Campaign
- 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

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## 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/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
- ogit/Advertising/CampaignManager => ogit/Advertising/Campaign

## 1.2.0.3 ogit/hosts

verb which shows that an entity is hosted in another entity.

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

valid-from: Thu Oct 15 00:00:00 UTC 2015

· creator: Aymen Ayoub

#### **Allowed Connection**

- ogit/Advertising/Platform => ogit/Advertising/Campaign
- $\bullet \ \, ogit/Advertising/Platform => ogit/Advertising/InsertionOrder$

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#### 1.2.0.4 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**

ogit/Advertising/CampaignManager => ogit/Advertising/Platform

## 1.2.0.5 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

## 1.2.0.6 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

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#### 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
- ogit/Advertising/Client => ogit/Advertising/Campaign

#### 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/InsertionOrder => ogit/Advertising/Creative
- 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**

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

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## 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/Advertising/Advertiser
  - ogit/Advertising/Campaign
  - ogit/Advertising/CampaignManager
  - ogit/Advertising/Client
  - ogit/Advertising/Creative
  - ogit/Advertising/InsertionOrder
  - ogit/Advertising/LineItem
  - ogit/Advertising/MediaPlan
  - ogit/Advertising/Platform
  - ogit/Timeseries

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#### 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/Advertising/Advertiser
  - ogit/Advertising/Campaign
  - ogit/Advertising/CampaignManager
  - ogit/Advertising/Client
  - ogit/Advertising/Creative
  - ogit/Advertising/InsertionOrder
  - ogit/Advertising/LineItem
  - ogit/Advertising/MediaPlan
  - ogit/Advertising/Platform
  - ogit/Timeseries

## 1.3.0.5 ogit/type

## Type of an an entity.

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

#### used

- · optional:
  - ogit/Advertising/Advertiser
  - ogit/Advertising/Campaign
  - ogit/Advertising/CampaignManager
  - ogit/Advertising/Client
  - ogit/Advertising/Creative
  - ogit/Advertising/InsertionOrder
  - ogit/Advertising/LineItem
  - ogit/Advertising/MediaPlan
  - ogit/Advertising/Platform

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# 1.3.0.6 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