GLS Documentation

Event file

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1 Introduction

This document describes the structure of the XML file that is used to provide event information on the parcels that are shipped. These events might be used reporting or other internal purposes that require parcel status feedback

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2 The XML file

2.1 General

The files are generated daily on a fixed frequency. They are then copied to the /out directory of the customers ftp account.

To obtain a GLS ftp account please contact our helpdesk at:
helpdesk@gls-netherlands.com

For easy viewing of the Event file the following tool can be used:
http://www.microsoft.com/en-us/download/details.aspx?id=7973

2.2 File name

An export file has the following format:

ctt_<CustomerNumber>_<TimeStampBegin>_<TimeStampEnd>.xml

for example: ctt_13820171_20150713113056000_20150714113055000.xml

The file name starts with ctt (Customer Track & Trace), followed by the operational customer number. The following 2 timestamps indicate the time windows that corresponds to the evens inside the file.

2.3 File format

The data in the file is written in XML. The root element of the XML file is **GLSTrackingData**. This element has 1 attribute **CreationTimeStamp**. The root element has 2 sub-elements:
- **Parcels**
- **Events**

Both elements do only exist if there are 1 or more corresponding elements within. These elements are called **Parcel** and **Event** respectively.

2.3.1 *Parcel* element

A Parcel element has 2 attributes:
- **InsertTimeStamp**
  Parcel record creation timestamp.
- **InitialDate**
  Date of dispatch.

A parcel has 5 elements:

- **Identification**
- **Product**
- **Services** (optional)
- **Addresses** (optional)
- **PhysicalInformation** (optional)

An **Identification** element has the following attributes:

- **CustomerID**.
  8 digit GLS customer number.
- **ParcelNumber** (optional)
  Dutch 14 digit parcel number.
- **UniQueNo** (optional)
  8 character international parcel number.
- **GPNumber** (optional)
  12 digit international parcel number.
- **Reference** (optional)
  Customer reference.

A **Product** element has 2 attributes:

- **Code**
  For example EBp.

- **Name** (optional)
  Descriptive name which corresponds with the Code, for example
  EuroBusinessSmallParcel.

The optional **Services** element contains 1 or more **Service** elements.

A Service element has the following attributes:

- **Code**

- **Name** (optional)

- **Info** (optional)

An example is:

Code = FDS

Name = FlexDeliveryService

The optional **Addresses** element contains 1 or more **Address** elements. An Address element contains the following attributes:

- **AddressType**
  The following types are possible:
  ALTADR, DELADR, PICADR, PTVDELADR, PTVPICADR, PTVREQADR, REQADR,
  RETADR

- **Name1** (optional)

- **Name2** (optional)

- **Name3** (optional)

- **Street1** (optional)

- **Street2** (optional)
- **HouseNo** (optional)
- **HouseNoExt** (optional)
- **ZipCode** (optional)
- **City** (optional)

An **Address** element contains the following element(s):
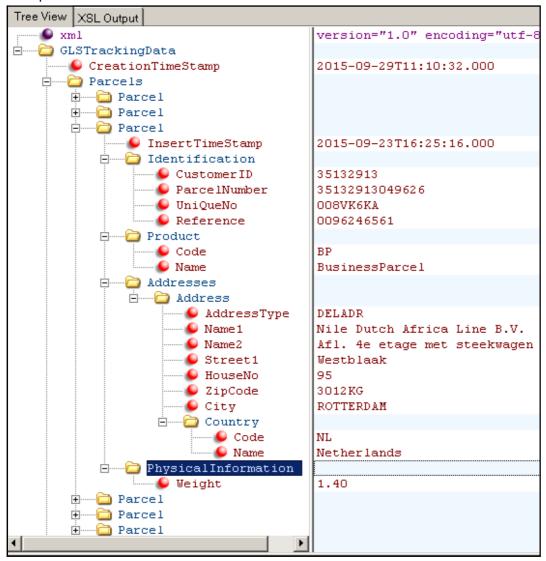- **Country** (optional)

A **Country** element has the following attributes:
- **Code**
  For example AT.

- **Name**
  For example Austria.

The optional **PhysicalInformation** element contains the following attribute(s):
- **Weight** (optional)

Example of an **Parcel** element.

2.3.2 *Event* Element

An **Event** element has 3 attributes:

- **Source**
  Examples are: CUSTOMERDATA, HSC, INTERFACE, KEYBOARD, SCAN, UNIQUE

- **InsertTimeStamp**
  Event record creation timestamp.

- **EventTimeStamp**
  Event creation timestamp.

An **Event** element has the following elements:

- **Identification**

- **Location**

- **EventReason**

An **Identification** element has the following attributes:

- **CustomerID**.
  8 digit GLS customer number.
- **ParcelNumber** (optional)
  Dutch 14 digit parcel number.
- **UniQueNo** (optional)
  8 character international parcel number.
- **GPNumber** (optional)
  12 digit international parcel number.

A **Location** element has the following attributes:

- **Code**
  Location Code, example DE 001

- **Name**
  Location Name, for example: Neuenstein

A Location element has the following element(s):

- Country

A **Country** element has the following attributes:

- **Code**
  Country Code, for example DE

- **Name**
  Country Name, for example Germany

An **EventReason** element has the following attributes:

- **Description**
  For example Inbound

- **Info**
  Additional Event Information

An **EventReason** element has the following elements:

- **Event**
- **Reason**

An **Event** element has 2 attribues:

- **Code** (optional)
  Event Code, example INBOUD

- **Number**
  Example: 2

A **Reason** element has 2 attributes:

- **Code** (optional)
  Example: CUSTOMERDATA

- **Number**
  Example: 101

Example of an **Event** element