



Catalog Ships

Catalog ships xft documentation v2

Table of contents

1. Ships catalog feed generalities	2
1.1. Description	2
1.2. Technical part	2
2. Ships catalog file detailed description.....	3
2.1. Node Entities (/Catalog/Entities/)	4
2.1.1. Keywords	4
2.2. Node Ships (/Catalog/Ships)	6
2.2.1. Characteristics	7
2.2.2. Keywords	7
2.2.3. Descriptions	8
2.2.4. Decks.....	10
2.2.5. Cabins	10

Date	Update
2018-12-15	Adding last update date/hour of ship content



1. Ships catalog feed generalities

1.1. Description

Ships catalog files contain all published ships contents of CroisiEurope catalogs :

- Qualified text contents
- Links to images, videos, ...

These files are generated per brand (CE - CroisiEurope / CM - CroisiMer / CV - CroisiVoyages) and per language.

1.2. Technical part

Catalog files are xml files following e**X**change**F**or**T**ravel standard <http://exchangefortravel.org>

These files are refreshed several times per day and can be put on a customer ftp server or can be get on a CroisiEurope ftp server (protocol is sftp on port 22). Files have to be load by cancel/replace.

Current version is v2.0



2. Ships catalog file detailed description

Moreover context informations (language, brand, ...), there are 2 main nodes :

- Entities (/Catalogue/Entities) : contains list of referentials (keywords, ...) and their values
- Ships (/Catalogue/Ships) : contains all contents of published ships

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<Catalogue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http:
  <!-- Producer licence -->
  <Vendor Licence="IM067100025" Code="ALSACE CROISIER" />
  <!-- Language of contents -->
  <Style>
    <Language Code="en" />
  </Style>
  <!-- Code brand -->
  <Brand>
    <Code Role="Reference" Value="CE_IND" />
  </Brand>
  <!-- Referentials (keywords, ...) -->
  <Entities>
    <Entity xsi:type="TypeUnifiedType">
    <Entity xsi:type="KeywordType">
  </Entities>
  <!-- Ships contents -->
  <Ships>
</Catalogue>
```

Ships catalog file – 2 main nodes



2.1. Node Entities (/Catalog/Entities/)

Entities (/Catalogue/Entities) node contains list of referentials (keywords, ...) and their values. Main referentials are below.

2.1.1. Keywords

There are keywords on ships in order to describe them. Keyword can be a valued keyword or a boolean keyword (no value, it means Yes).

```
<!-- Sample of 6 keywords on a ship -->
<Keywords>
  <!-- Valued keyword -->
  <Keyword Ref="KW_BATO_LONGUEUR">
    <Code Value="110" />
  </Keyword>
  <Keyword Ref="KW_BATO_LARGEUR">
    <Code Value="11.40" />
  </Keyword>
  <Keyword Ref="KW_BATO_CAPA_TOTAL">
    <Code Value="75" />
  </Keyword>
  <Keyword Ref="KW_BATO_ANNEE_CONS">
    <Code Value="2004" />
  </Keyword>
  <!-- Boolean (Yes) keyword -->
  <Keyword Ref="KW_COMO_CABINES_HA" />
  <Keyword Ref="KW_FL_SEINE" />
</Keywords>
```

Ships – keywords on a ship

There is also a keyword on each equipment description in order to qualify equipment type.

```
<Description Role="Body">
  <Types>
    <Type Ref="TY_Equipement" />
  </Types>
  <Codes>
    <Code Role="Type" Key="DESCRIPTIFAMENAGEMENT" />
  </Codes>
  <Title><![CDATA[FITNESS]]></Title>
  <Media Role="Image">
    <URL><![CDATA[https://images.croisieurope.com/media/d82cdb1
  </Media>
  <!-- Keyword to qualify equipment type -->
  <Keywords>
    <Keyword Ref="KW_EQUI_SPORT_LOIS" />
  </Keywords>
  <Text><![CDATA[<p>Start your day joining us for a morning fitne
</Description>
```

Ships – keywords on an equipment



These keywords are detailed in /Catalogue/Entities/Entity @type KeywordType with :

- @Name : internal code of keyword (can not be changed)
- @Category : group of keywords (Equipment, Infrastructure, Location)
- CDATA : translated label of keyword

```
<!-- Referential : keywords -->
<Entity xsi:type="KeywordType">
  <Keywords>
    <!-- @Category Equipment : qualify the type of equipment -->
    <Keyword ID="KW_EQUI_SPORT_LOIS" Code="" Name="EQUI_SPORT_LOIS" Category="Equipment"><![CDATA[Sports and recreation]]></Keyword>
    <!-- @Category Infrastructure : characteristics of ship (length, build year, ...) -->
    <Keyword ID="KW_BATO_LARGEUR" Code="" Name="BATO_LARGEUR" Category="Infrastructure"><![CDATA[Beam]]></Keyword>
    <!-- @Category Location : rivers of ship -->
    <Keyword ID="KW_FL_SEINE" Code="" Name="FL_SEINE" Category="Location"><![CDATA[Seine]]></Keyword>
    <Keyword ID="KW_EQUI_ESP_PUBLIC" Code="" Name="EQUI_ESP_PUBLIC" Category="Equipment"><![CDATA[Public rooms]]></Keyword>
    <Keyword ID="KW_EQUI_RESTAURANT" Code="" Name="EQUI_RESTAURANT" Category="Equipment"><![CDATA[Dining]]></Keyword>
    <Keyword ID="KW_EQUI_DIVERTISS" Code="" Name="EQUI_DIVERTISS" Category="Equipment"><![CDATA[Entertainment]]></Keyword>
    <Keyword ID="KW_BATO_CAPA_TOTAL" Code="" Name="BATO_CAPA_TOTAL" Category="Infrastructure"><![CDATA[Total Capacity]]></Keyword>
    <Keyword ID="KW_BATO_PAX_NOMBRE" Code="" Name="BATO_PAX_NOMBRE" Category="Infrastructure"><![CDATA[Regular Capacity]]></Keyword>
    <Keyword ID="KW_BATO_ANNEE_RENO" Code="" Name="BATO_ANNEE_RENO" Category="Infrastructure"><![CDATA[Year Refurbished]]></Keyword>
    <Keyword ID="KW_BATO_ANNEE_CONS" Code="" Name="BATO_ANNEE_CONS" Category="Infrastructure"><![CDATA[Year Built]]></Keyword>
    <Keyword ID="KW_COMO_CABINES_EX" Code="" Name="COMO_CABINES_EX" Category="Equipment"><![CDATA[Cabins outside]]></Keyword>
    <Keyword ID="KW_FL_CNX_HOLLANDE" Code="" Name="FL_CNX_HOLLANDE" Category="Location"><![CDATA[Canaux Hollandais]]></Keyword>
    <Keyword ID="KW_FL_RHIN" Code="" Name="FL_RHIN" Category="Location"><![CDATA[Rhine]]></Keyword>
    <Keyword ID="KW_COMO_CABINES_HA" Code="" Name="COMO_CABINES_HA" Category="Equipment"><![CDATA[Wheelchair Cabins]]></Keyword>
    <Keyword ID="KW_COMO_ASCENSEURS" Code="" Name="COMO_ASCENSEURS" Category="Equipment"><![CDATA[Elevators]]></Keyword>
    <Keyword ID="KW_FL_DANUBE" Code="" Name="FL_DANUBE" Category="Location"><![CDATA[Danube]]></Keyword>
    <Keyword ID="KW_FL_DOURO" Code="" Name="FL_DOURO" Category="Location"><![CDATA[Douro]]></Keyword>
    <Keyword ID="KW_FL_ELBE" Code="" Name="FL_ELBE" Category="Location"><![CDATA[Elbe]]></Keyword>
```

Ships catalog file – referentials - keywords



2.2. Node Ships (/Catalog/Ships)

Each ship is detailed in a Ship node with :

- Characteristics of the ship (external reference, category, validity period, ...)
- List of description blocs (name, description, images, ...)
- Keywords
- List of decks
- List of types of cabins

```
<Ship>
  <Brands>
    <Brand Role="Reference" Value="CE_IND" />
  </Brands>
  <Codes>
    <Code Role="Reference" Value="BOH_NEW2" />
    <Code Role="Reference" Owner="External" Value="03" />
    <Code Role="Reference" Owner="Internal" Value="BOH" />
  </Codes>
  <Begin Value="2011-12-01" />
  <End Value="2018-11-24" />
  <Rating Category="Standing" Value="4*" />
  <Decks Quantity="3">
    <Deck>
    <Deck>
    <Deck>
  </Decks>
  <Cabins>
    <Cabin ID="BOHEME 2PL PP">
    <Cabin ID="BOHEME 2PL PS">
    <Cabin ID="BOHEME SGL PP">
    <Cabin ID="BOHEME SUI PP">
  </Cabins>
  <Descriptions>
    <Description Role="Media">
    <Description Role="Title">
    <Description Role="Introduction">
    <Description Role="Body">
    <Description Role="Body">
    <Description Role="Body">
  </Descriptions>
  <Keywords>
    <Keyword Ref="KW BATO LONGUEUR">
    <Keyword Ref="KW BATO LARGEUR">
    <Keyword Ref="KW BATO CAPA TOTAL">
    <Keyword Ref="KW BATO PAX NOMBRE">
    <Keyword Ref="KW BATO ANNEE RENO">
    <Keyword Ref="KW BATO ANNEE CONS">
    <Keyword Ref="KW_COMO_CABINES_EX" />
    <Keyword Ref="KW_FL_CNX_HOLLANDE" />
    <Keyword Ref="KW_FL_RHIN" />
  </Keywords>
</Ship>
```

characteristics

decks

types of cabins

descriptions

keywords

Ships catalog file – Ship node



2.2.1. Characteristics

Xpath in Ship node	Observation
<code>/Code[@Role="Reference"] @Value</code>	Unique ship config id
<code>/Code[@Role="Reference" and @Owner="Internal"] @Value</code>	Ship reference (regroup several ship config) (Is unique for a validity period)
<code>/Code[@Role="Reference" and @Owner="External"] @Value</code>	Ship external reference (regroup several ship code) (Is unique for a validity period) (Like Ship reference but on 2 characters only)
<code>/Brands/Brand[@Role="Reference"] @Value</code>	Brand code
<code>/Begin @Value</code>	Begin of validity period of ship config (missing node is "0000-01-01")
<code>/End @Value</code>	End of validity period of ship config (missing node is "9999-12-31")
<code>/Rating @Category</code>	Ship category code : Standard, Standing, HighStanding
<code>/Rating @Value</code>	Ship category label
/Histories	
<code>/History[@Purpose="Issue" and @Rank="Last"] @When</code>	Last update date/hour of ship content (YYYY-MM-DDTHH:MM)

2.2.2. Keywords

Node keywords contains characteristics of ship too. A keyword can be a valued keyword or a boolean keyword (no value, it means Yes).

```

<!-- Sample of 6 keywords on a ship -->
<Keywords>
  <!-- Valued keyword -->
  <Keyword Ref="KW_BATO_LONGUEUR">
    <Code Value="110" />
  </Keyword>
  <Keyword Ref="KW_BATO_LARGEUR">
    <Code Value="11.40" />
  </Keyword>
  <Keyword Ref="KW_BATO_CAPA_TOTAL">
    <Code Value="75" />
  </Keyword>
  <Keyword Ref="KW_BATO_ANNEE_CONS">
    <Code Value="2004" />
  </Keyword>
  <!-- Boolean (Yes) keyword -->
  <Keyword Ref="KW_COMO_CABINES_HA" />
  <Keyword Ref="KW_FL_SEINE" />
</Keywords>

```

Ships – keywords on a ship



2.2.3. Descriptions

Node descriptions contains list of qualified contents of product with a title, a text like

```
<!-- Qualified content for text "Marketing description" -->
<Description Role="Body">
  <Types>
    <Type Ref="TY_Accommodation" />
  </Types>
  <Codes>
    <Code Role="Type" Key="LEGENDE" />
  </Codes>
  <!-- Title -->
  <Title><![CDATA[DESCRIPTION_MARKETING]]></Title>
  <!-- Text -->
  <Text><![CDATA[<p><strong>The Undeniable European Leader in the Cruise Indus
years of experience, 45 ships: CroisiEurope is the European frontrunner of river
y of choices: The French canals, European rivers, ocean tours, and exotic destina
stinations include: The Loire, Guadalquivir, and Tisza Rivers&mdash;as well as &l
s: Gastronomic, music, hiking, golf and family<br />
ditional ambiance with La French Touch. Our motto: Highest quality at the best pric

isiEurope&rsquo;s Highlights:</strong><br />
ied with onboard meals and at bar<br />
: />
ies on the upper deck<br />
st-rate buffet breakfasts and fine French dining<br />
sits excursions or reduced all-included package prices; headsets included<br />
med evenings: crew shows, traditional entertainment; gala dinner.</p>]]></Text>
</Description>
```

Description node – qualified content title and text with red attributes

Notes :

- It's possible to have several description with same attributes.
- A Description node can have medias too :

```
<Description Role="Body">
  <Types>
    <Type Ref="TY_Product" />
  </Types>
  <Codes>
    <Code Role="Type" Key="SLIDERBATEAU" />
  </Codes>
  <Title><![CDATA[Image slider]]></Title>
  <Media Role="Image">
    <URL><![CDATA[https://images.croisieurope.com/media/15afe35b-6983-439e-85a1-
</Media>
  <Media Role="Vignette">
    <URL><![CDATA[https://images.croisieurope.com/media/830d0c33-a42b-4f85-ae08-
</Media>
  <Text><![CDATA[<p>Image Slider</p>]]></Text>
</Description>
```

Description node – medias



- There is also a special description node `@Role="Media"` that contains main qualified ("Map", "Image", "Vignette", "Video") medias of product. It's possible to have several medias with same role.

```
<Description Role="Media">
  <Media Role="Vignette">
    <URL><![CDATA[https://images.croisieurope.com/media/9e8917f6-20ed-4b11-bc7b-a9f
  </Media>
  <Media Role="Image">
    <URL><![CDATA[https://images.croisieurope.com/media/acf03540-7df3-415e-a9a8-2d
  </Media>
  <Media Role="Image">
    <URL><![CDATA[https://images.croisieurope.com/media/f71954d8-f395-4610-bda5-32
  </Media>
  <Media Role="Image">
    <URL><![CDATA[https://images.croisieurope.com/media/4445cee8-a4a1-4945-bff9-6b
  </Media>
</Description>
```

Description node @Role="Media"

List of qualified descriptions :

Content	Attribute			Observation
	@Role	@Key	@Ref	
Title	Title	NOMBATEAU		No node Title Mandatory content
Introduction	Introduction	DESCRIPTIFBATEAU		No node Title Mandatory content
Equipments	Body	COMMODITES	TY_Accommodation	Equipments on board
Marketing description	Body	LEGENDE	TY_Accommodation	Marketing description
Image slider	Body	SLIDERBATEAU	TY_Product	List of images



2.2.4. Decks

Xpath in Ship/Decks node	Observation
@Value	Number of decks
/Deck	For each decks
/Codes/Code[@Role="Reference" and @Owner="External"] @Value	Deck external reference (deck id in ship)
/Deck/Descriptions/Description	List of descriptions of deck
[see below list of decks descriptions]	[see below list of decks descriptions]
/Deck/Cabins/Cabin	List all types of cabins available on this deck
@Ref	Reference to Cabin ID in Ship/Cabins node

List of decks descriptions :

Content	Attribute			Observation
	@Role	@Key	@Ref	
Deck name	Title	NOMPONT		Deck label No node Title – mandatory content
Deck equipments	Body	DESCRIPTIFAMENAGEMENT	TY_Equipement	(0,n) Deck equipement with an image and a keyword to qualify equipement
Deck cabins	Sales	MARKETINGCABINE		Title : number of cabins on deck Text : list of type of cabins Image of cabin
Deck images	Media			2 images of the deck (Vignette and Image)

2.2.5. Cabins

Xpath in Ship/Cabins node	Observation
/Cabin	For each cabins
@ID	Link with @Ref in Deck node
/Codes/Code[@Role="Reference"] @Key	Id of type of cabin
/Occupancy[@Unit="Person"] @Min @Max	Minimum and maximum number of persons in cabin
/Dimension[@Topic="Surface"] @Value	Cabin area in m2
/Cabin/Descriptions/Description	List of descriptions of type of cabin
[see below list of cabins descriptions]	[see below list of cabins descriptions]

List of cabins descriptions :

Content	Attribute			Observation
	@Role	@Key	@Ref	
Cabin label	Title	DESCRIPTIFCABINE	TY_Accommodation	Cabin label No node Title – mandatory content
Cabin description	Body	DESCRIPTICABIN	TY_Accommodation	Cabin description + image