



THE FINE WINE MARKET

Exchange Offers EUR API

Document Revision 1.1

Date of Issue: 18 November 2015

Date of revision: 1 April 2020

Nick Palmer

Product Manager

Table of Contents

1. Introduction	3
2. Liv-ex Exchange Offers feed	3
3. Error responses	6

1. Introduction

About

Datafeed is a mechanism for users to receive updated data from data sources. Liv-ex can supply fine wine market data as an electronic feed, allowing instant retrieval of large amounts of data. This feed can be integrated (via a webservice API) with internal systems to enable automatic database uploads. Alternatively, subscribers can use Liv-ex's user-friendly interface to download comprehensive market data in Excel. All Liv-ex price feeds below include wine name, vintage, unit sizes and L-WIN.

Technology

- REST used as a web service through which the two systems will exchange the data
- JSON will be used to send the response in plain text (and will include Epoch date/time stamps)
- XML will be used to send the response in a xml format

To set up the offer service please contact data@liv-ex.com. Liv-ex will provide a username and password to access the data feed. Liv-ex can also provide a complete test environment that replicates the live functionality. Please request access details if required.

User parameter standards for web service call

User parameters define the content of your feed and they are separated by '/' as name and value pairs. All parameter names are case sensitive and after the request URL follows a defined sequence of **{parameter name}/{parameter value}** pairs. Optional parameters are not required and can be left out of the call.

2. Liv-ex Exchange Offers feed

Description

A datafeed that provides a list of offers currently live on the exchange. It can be filtered to include SIB offers, special contracts and the market plus last trade price points.

Request Parameters

Name	Mandatory	Description
username	Y	Username provided by Liv-ex
password	Y	Password provided by Liv-ex
feed	Y	Feed name provided by Liv-ex
lwin_type	N	LWIN type to return depending on your preferences <ul style="list-style-type: none"> • LWIN7 • LWIN11 • LWIN16 • LWIN18
full_order_depth	N	<ul style="list-style-type: none"> • True = all offers • False = best offers

Request Parameters (set by Liv-ex when the data feed is established)

Name	Mandatory	Description
special contract offers	N	Offers that are subject to special terms or include a photograph
market price	N	The current market price for the wine being offered
last trade	N	The last traded price if the wine being offered

Example requests

Exchange Offers – test environment

JSON

```
https://sandbox-df.liv-ex.com/df/
liveeuroofferexcel2/getjson/username/{insertname}/password/{insertpassword}/feed/{feed
d name}/lwin_type/{LWIN length}/full_order_depth/{true or false}
```

XML

```
https://sandbox-df.liv-ex.com/df/
liveeuroofferexcel2/getxml/username/{insertname}/password/{insertpassword}/feed/{feed
name}/lwin_type/{LWIN length}/full_order_depth/{true or false}
```

Exchange Offers – live environment

JSON

```
https://datafeed.liv-ex.com/df/
liveeuroofferexcel2/getjson/username/{insertname}/password/{insertpassword}/feed/{feed
d name}/lwin_type/{LWIN length}/full_order_depth/{true or false}
```

XML

```
https://datafeed.liv-ex.com/df/
liveeuroofferexcel2/getxml/username/{insertname}/password/{insertpassword}/feed/{feed
name}/lwin_type/{LWIN length}/full_order_depth/{true or false}
```

Example response

Exchange Offers

JSON

```
{
  "liveEuroExcel2Offer": [
    {
      "prix": 358.5,
      "btte": 1,
      "contractId": 696950,
      "votreId": null,
      "format": "1,50l",
      "vin": "Nyetimber, 1086 Rose",
      "région": "eng",
      "conditionnement": "1x150c1",
      "millésemi": "2010",
      "lwin": "17555522010",
      "offre": "Vente",
      "date": 1580990181000,
      "wineUrl": "https://tpg-qa-app.liv-ex.com/#/wine-
page?lwin11={param.lwin11}",
      "contractType": "X",
      "lastListPrice": null,
      "lastListDate": null,
      "specialInfo": {
        "photoUrl": null,
        "minimumQty": 1,
        "deliveryPeriod": 2,
        "dutyPaid": "duty paid",
        "provAndCond": "No faults noted, available immediately"
      },
      "marketPrice": null,
      "marketPriceDate": null,
      "lastTradePrice": null,
      "lastTradeDate": null,
      "orderGuid": "951be20b-4cc1-4770-a0f1-6df7bbad7b47"
    },
  ],
}
```

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<liveEuroExcel2Offers xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://datafeed.liv-ex.com/services https://datafeed.liv-
ex.com/schema/v1/services.xsd">
  <liveEuroExcel2Offer wineUrl="https://app.liv-ex.com/#/wine-
page?lwin11={param.lwin11}">
    <contractId>686552</contractId>
    <contractType>SIB</contractType>
    <format>0,75l</format>
    <date>2020-01-08T14:55:19</date>
    <lastListDate xsi:nil="true"/>
    <lastListPrice xsi:nil="true"/>
  </liveEuroExcel2Offer>
</liveEuroExcel2Offers>
```

```

<lastTradeDate>2019-03-13T13:40:49</lastTradeDate>
<lastTradePrice>213.767</lastTradePrice>
<lwin>10816591000</lwin>
<marketPrice>195.952</marketPrice>
<marketPriceDate>2020-02-10</marketPriceDate>
<orderGuid>89b32cab-f1db-499c-ae7c-b24d88436427</orderGuid>
<prix>175.05</prix>
<offre>Achat</offre>
<btte>12</btte>
<région>cham</région>
<specialInfo photoUrl="https://datafeed.liv-
ex.com/contractImage.do?contractid=487839">
  <deliveryPeriod>2</deliveryPeriod>
  <dutyPaid>duty paid</dutyPaid>
  <minimumQty>1</minimumQty>
  <provAndCond>As per photos</provAndCond>
</specialInfo>
<conditionnement>6x75cl</conditionnement>
<millésime>NV</millésime>
<vin>Armand Brignac, Ace of Spades Brut Gold</vin>
<votreId xsi:nil="true"/>
</ liveEuroExcel20ffer>
</ liveEuroExcel20ffers>

```

3. Error responses

E000 Internal server error

JSON

```

{"error":[
  {
    "code":"E001",
    "message":"Internal server error"
  }
]}

```

XML

```

<errors xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance"
xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-
ex.com/schema/v1/services.xsd">
  <error>
    <code>E000</code>
    <message>Internal server error</message>
  </error>
</errors>

```

E001 Service not found

This message shows up if the system can't find the service for your call. This is mostly related to a typo in the REST link structure.

JSON

```
{ "error": [
  {
    "code": "E001",
    "message": "Service not found"
  }
]}
```

XML

```
<errors xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-ex.com/schema/v1/services.xsd">
  <error>
    <code>E001</code>
    <message>Service not found</message>
  </error>
</errors>
```

E002 Merchant not found

Username or password doesn't match. Please make sure you have entered both correctly.

JSON

```
{ "error": [
  {
    "code": "E002",
    "message": "Merchant not found"
  }
]}
```

XML

```
<errors xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-ex.com/schema/v1/services.xsd">
  <error>
    <code>E002</code>
    <message>Merchant not found</message>
  </error>
</errors>
```

E003 Merchant feed not found

The feed you are trying to access is not set up for your account.

JSON

```
{ "error": [
  {
    "code": "E003",
    "message": "Merchant feed not found"
  }
]}
```

XML

```
<errors xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-ex.com/schema/v1/services.xsd">
  <error>
    <code>E003</code>
    <message>Merchant feed not found</message>
  </error>
</errors>
```