



Liv-ex Marketplace Documentation

Introduction

About

Data feed 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
- XML will be used to send the response in a xml format

To set up the bid and offer service please contact data@liv-ex.com. Liv-ex will provide a username and password to access the data feed

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 in the call.

Liv-ex Marketplace

Request Parameters

Parameter	Mandatory	Description
username	yes	Username provided by Liv-ex
password	yes	Password provided by Liv-ex
feed	Yes	Feed name provided by Liv-ex
lwin_type	Yes	L-WIN type depending on your preferences <ul style="list-style-type: none"> - LWIN7 - LWIN11 - LWIN16 - LWIN18
Wine_code_include	Yes	<ul style="list-style-type: none"> - True: includes Liv-ex code in your feed - False: no Liv-ex code in your feed

Example requests:

JSON

```
https://datafeed.liv-
ex.com/df/marketplace/getjson/username/{insertname}/password/{insertpassword}/feed/{feed
name}/lwin_type/{L-WIN type}/wine_code_include/{true or false}
```

XML

```
https://datafeed.liv-
ex.com/df/marketplace/getxml/username/{insertname}/password/{insertpassword}/feed/{feed
name}/lwin_type/{L-WIN type}/wine_code_include/{true or false}
```

Example response:

JSON

```
{"marketPlace":
[{"lwin": "100784020081200750",
"wineName": "Carruades Lafite",
"region": "Bordeaux(Red)",
"unitSize": "12x75cl",
"vintage": "2008",
"livexId": "160303",
"yourId": "160303",
"contractType": "SIB",
"bestBidPrc": "1640.0",
"bestBidTime": null,
```

```
"bestBidQty":5,  
"bestOfferPrc":1700.0,  
"bestOfferTime":null,  
"bestOfferQty":1,  
"lastTradePrc":1640.0,  
"lastTradeQty":1,  
"lastTradeDate":"06112013"},  
}]
```

XML

```
<marketPlaces xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="https://www.w3.org/2001/XMLSchema-  
instance" xsi:schemaLocation="http://datafeed.liv-ex.com/services https://datafeed.liv-  
ex.com/schema/v1/services.xsd">  
<marketPlace>  
<lwin>100784020081200750</lwin>  
<region>Bordeaux (Red)</region>  
<unitSize>12x75cl</unitSize>  
<vintage>2008</vintage>  
<wineName>Carruades Lafite</wineName>  
<bestBidPrc>1640.0</bestBidPrc>  
<bestBidQty>5</bestBidQty>  
<bestBidTime xsi:nil="true"/>  
<bestOfferPrc>1700.0</bestOfferPrc>  
<bestOfferQty>1</bestOfferQty>  
<bestOfferTime xsi:nil="true"/>  
<contractType>SIB</contractType>  
<lastTradeDate>06112013</lastTradeDate>  
<lastTradePrc>1640.0</lastTradePrc>  
<lastTradeQty>1</lastTradeQty>  
<livexId>160303</livexId>  
<yourId>160303</yourId>  
</marketPlace>  
</marketPlaces>
```

Error responses:

E000 Internal server error:

XML:

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

JSON:

```
"error":{"code":"E001","message":"Internal server error"}}
```

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.

XML:

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

JSON:

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

E002 Merchant not found:

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

XML:

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

JSON:

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

E003 Merchant feed found:

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

account. XML:

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

JSON:

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