



## Liv-ex Membership API Documentation

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## 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](mailto: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 Bid & Offer feed

### 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"> <li>- LWIN7</li> <li>- LWIN11</li> <li>- LWIN16</li> <li>- LWIN18</li> </ul>
full_order_depth	Yes	<ul style="list-style-type: none"> <li>- True: all bids / offers</li> <li>- False: best bids / offers</li> </ul>

### Example requests:

Live exchange bids:

#### JSON

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

#### XML

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

Live exchange offers

#### JSON

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

#### XML

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

**Example response:**

Live exchange bids:

JSON

```
{
  "liveEurBid":
  [
    {
      "contractId": "226269",
      "format": "0,75l",
      "lwin": "100604520100600750",
      "prix": "990,0",
      "btte": "6",
      "date": "12052014",
      "votrelid": null,
      "vin": "Angelus",
      "rÃ©gion": "bdxr",
      "conditionnement": "6x75cl",
      "millÃ©sime": "2010",
      "offre": "Achat"}
  ]
}
```

XML

```
<liveEuroBids 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">
  <liveEuroBid>
    <contractId>226269</contractId>
    <format>0,75l</format>
    <date>12052014</date>
    <lwin>100604520100600750</lwin>
    <prix>990,0</prix>
    <btte>6</btte>
    <rÃ©gion>bdxr</rÃ©gion>
    <conditionnement>6x75cl</conditionnement>
    <millÃ©sime>2010</millÃ©sime>
    <vin>Angelus</vin>
    <votrelid xsi:nil="true"/>
    <offre>Achat</offre>
  </liveEuroBid>
</liveEuroBids>
```

## Live exchange offers

JSON

```
{
  "liveEuroOffer":
  [
    {
      "contractId": "230889",
      "format": "0,75l",
      "lwin": "100604520101200750",
      "prix": "2.178,0",
      "btte": "120",
      "date": "14042014",
      "votreId": "97",
      "vin": "Angelus",
      "rÃ©gion": "bdxr",
      "conditionnement": "12x75cl",
      "millÃ©sime": "2010",
      "offre": "Vente"}
  ]
}
```

XML

```
<liveEuroOffers 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">
  <liveEuroOffer>
    <contractId>230889</contractId>
    <format>0,75l</format>
    <date>14042014</date>
    <lwin>100604520101200750</lwin>
    <prix>2.178,0</prix>
    <btte>120</btte>
    <rÃ©gion>bdxr</rÃ©gion>
    <conditionnement>12x75cl</conditionnement>
    <millÃ©sime>2010</millÃ©sime>
    <vin>Angelus</vin>
    <votreId>97</votreId>
    <offre>Vente</offre>
  </liveEuroOffer>
</liveEuroOffers>
```

## Error responses:

### E000 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>
```

#### 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="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>
```

#### 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="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>
```

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="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>
```

JSON:

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