



Historic Market Price API documentation

Contents

- Introduction 1
 - About..... 1
 - Technology..... 1
 - User parameter standards for web service call: 1
 - Client Configuration requirement..... 1
- Liv-ex historic Market Price service 2
 - Request Parameter: 2
 - Sample Request 2
 - Sample Response: 3
- Error responses: 4
 - E00: Internal server error..... 4
 - E002: Access denied, Either token or IP address or service not mapped..... 4
 - V001: Mandatory field missing 5
 - R001: No data found 5
 - V002: Wrong date format..... 6
 - V003: Invalid L-WIN 7
 - V004: L-WIN 7 does not exist..... 7

Introduction

About

Liv-ex possesses the world's largest standardized database of fine wine prices. By collating thousands of prices on a daily basis, Liv-ex ensures that its data is accurate and up to date. All Liv-ex prices, unless otherwise stated, exclude duty, local sales tax and delivery and are for wines in good condition packed in their original cases.

This web service will allow data feed subscribers to request the full historical Market Prices series for a specified wine/vintage combination. The Market Price is based on the cheapest six and 12-pack wholesale prices advertised by leading merchants in the EU and always shown per case of 12x75cl. The service can be used to display the historic price series using a suitable charting tool.

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

User parameter standards for web service call:

User parameters are separated by '/' as name and value pairs and each pair is again separated by '/'. 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. **NOTE:** In the sections which follow, the sample data in all requests is highlighted **yellow**.

Client Configuration requirement

To set up the indices service it is necessary to provide Liv-ex with the static IP address that is used to access the service. A token for the IP address will be provided by Liv-ex.

Liv-ex will verify the combination of IP and token before returning the information to the client.

If this validation fails, Liv-ex will return an error code to the calling service.

Liv-ex historic Market Price service

Request Parameter:

The full historic Market Price series can be accessed using this URL <https://datafeed.liv-ex.com/df/marketpricehistory/>. Depending on your viewing preferences you can request the data to be delivered in JSON or XML by adding /getjson or /getxml respectively. The token will be provided by Liv-ex and is, like the LWIN11 and date, a mandatory parameter.

<i>Parameter</i>	<i>Mandatory</i>	<i>Format</i>	<i>Description</i>
token	Yes		Supplied by the Liv-ex
lwin11	Yes	L-WIN11	L-WIN11 of the wine and vintage you would like to request the historic series
Date	Yes	yyyy-mm-dd	This is referring to the start date of the series. Depending on the start date the following series will be returned. Start date within <ul style="list-style-type: none">- Last 6 month = daily Market Prices- Last 2 years = weekly Market Prices- Older than 2 years = monthly Market Prices

Sample Request

JSON REQUEST

```
https://datafeed.liv-ex.com/df/marketpricehistory/getjson/token/{token supplied by Liv-ex}/lwin11/{L-WIN11}/date/{series start date}
```

XML REQUEST

```
https://datafeed.liv-ex.com/df/marketpricehistory/getxml/token/token/{ token supplied by Liv-ex}/lwin11/{L-WIN11}/date/{series start date}
```

Sample Response:

JSON

```
{
  "lwin11": "10159552008",
  "currency": "GBP",
  "priceFrom": "2013-05-11",
  "prices": [
    { "date": "2013-05-11", "marketPrice": 1580.0 },
    ...
    { "date": "2013-05-14", "marketPrice": 1580.0 }
  ]
}
```

XML

```
<marketPriceHistory 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">
  <lwin11>10159552008</lwin11>
  <currency>GBP</currency>
  <priceFrom>2013-05-11</priceFrom>
  <prices>
    <date>2013-05-11</date>
    <marketPrice>1580.0</marketPrice>
  </prices>
  ...
  <prices>
    <date>2013-05-14</date>
    <marketPrice>1580.0</marketPrice>
  </prices>
</marketPriceHistory>
```

Error responses:

E00: Internal server error

If you receive this response there is an issue on our server. Currently our data feeds have an uptime from 99.9% and you should not receive this error message. However, if you receive this message please contact the data team (data@liv-ex.com) and we will fix this issue as soon as possible.

JSON

```
{  
  "error": {  
    "code": "E000", "message": " Internal server error "  
  }  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8"?>  
<errors xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
  xsi:schemaLocation="http://datafeed.liv-ex.com/service/schema/v1/services http://datafeed.liv-  
  ex.com/service/schema/v1/services.xsd">  
  <error>  
    <code>E000</code>  
    <message> Internal server error </message>  
  </error>  
</errors>
```

E002: Access denied, Either token or IP address or service not mapped

Error code when the IP, token and service combination is not valid. Please review the IP address for which the service is registered and the token provided by Liv-ex. If the problem still exists please send us the link you are using to request the data to data@liv-ex.com.

JSON

```
{  
  "error": {  
    "code": "E002", "message": "Access denied, Either token or IP address or service not mapped"  
  }  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8"?>
<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/service/schema/v1/services.xsd">
  <error>
    <code>E002</code>
    <message>Access denied, Either token or IP address or service not mapped</message>
  </error>
</errors>
```

V001: Mandatory field missing

A mandatory field is missing or it spelled wrong. Please make sure that you have added the parameters correctly.

JSON

```
{"error": [{"
  "code": "V001", "message": "Mandatory field missing"
}]}
```

XML

```
<?xml version="1.0" encoding="UTF-8"?>
<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/service/schema/v1/services.xsd">
  <error>
    <code>V001</code>
    <message>Mandatory field missing</message>
  </error>
</errors>
```

R001: No data found

Unfortunately we don't have received any prices for this wine vintage combination yet.

JSON

```
{
  "lwin11": "10159552013",
  "currency": "GBP",
  "priceFrom": "2012-05-12",
  "prices": null,
  "error": { "code": "R001", "message": "No data found" }
}
```

XML

```
<marketPriceHistory 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">
  <lwin11>10159552013</lwin11>
  <currency>GBP</currency>
  <priceFrom>2012-05-12</priceFrom>
  <error>
    <code>R001</code>
    <message>No data found</message>
  </error>
</marketPriceHistory>
```

V002: Wrong date format

JSON Request:

```
{"error": [{"
  "code": "V002", "message": "Wrong date format. Date should be 'yyyy-MM-dd'"
}]}
```

XML Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<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/service/schema/v1/services.xsd">
  <error>
```



```
<code>V002</code>
<message> Wrong date format. Date should be 'yyyy-MM-dd'</message>
</error>
</errors>
```

V003: Invalid L-WIN

JSON

```
{ "error": [ {
  "code": "V003", "message": "Invalid L-WIN number"
} ] }
```

XML

```
<errors xsi:schemaLocation="http://datafeed.liv-ex.com/services http://dfest.liv-
ex.com/schema/v1/services.xsd">
  <error>
    <code>V003</code>
    <message>Invalid L-WIN number</message>
  </error>
</errors>
```

V004: L-WIN 7 does not exist

JSON

```
{
  "lwin11": "16849552008",
  "currency": "GBP",
  "priceFrom": "2012-05-12",
  "prices": null,
  "error": {
    "code": "V004", "message": "L-WIN 7 does not exist "
  }
}
```

XML

```
<marketPriceHistory 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">
  <lwin11>16849552008</lwin11>
  <currency>GBP</currency>
  <priceFrom>2012-05-12</priceFrom>
  <error>
    <code>V004</code>
    <message>L-WIN 7 does not exist</message>
  </error>
</marketPriceHistory>
```