



Market Price API documentation

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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 current Market Price for a specified up to 50 L-WIN18's (wine/vintage unit size combination) per request. The Market Price is based on the cheapest six and 12-pack wholesale prices advertised by leading merchants in the EU. The prices for all unit sizes will be recalculated on the basis of the 12x75cl Market Price.

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 market price 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 Market Price service

Request Parameter:

The Market Price can be accessed using this URL <http://datafeed.liv-ex.com/df/marketprice/>. 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 well as the LWIN18 mandatory in this request.

<i>Parameter</i>	<i>Mandatory?</i>	<i>Data Type</i>	<i>Description</i>
token	Yes		Supplied by the Liv-ex
lwin18	Yes	L-WIN18	Up to 50 different L-WIN18s can be included in each request. Multiple L-WIN18s have to be separated by a comma.

Sample Request

Market Price request for one L-WIN18

JSON

```
https://datafeed.liv-ex.com/df/marketprice/getjson/{token supplied by Liv-ex}/lwin18/{L-WIN18}
```

XML

```
https://datafeed.liv-ex.com/df/marketprice/getxml/{token supplied by Liv-ex}/lwin18/{L-WIN18}
```

Market Price request for multiple L-WIN18s

JSON

```
https://datafeed.liv-ex.com/df/marketprice/getjson/{token supplied by Liv-ex}/lwin18/{L-WIN18},{L-WIN18}
```

XML

```
https://datafeed.liv-ex.com/df/marketprice/getxml/{token supplied by Liv-ex}/lwin18/{L-WIN18},{L-WIN18}
```

Sample Response:

Market Price response for one L-WIN18

JSON

```
{  "currency": "GBP",
  "prices": [{"lwin18": "101595520080300150",
             "marketPrice": 79.0,
             "error": null}]}
```

XML

```
<livexPrice 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">
  <currency>GBP</currency>
  <prices>
    <lwin18>101595520080300150</lwin18>
    <marketPrice>79.0</marketPrice>
  </prices>
</livexPrice>
```

Market Price response for multiple L-WIN18s

JSON

```
{  "currency": "GBP",
  "prices": [{"lwin18": "101595520080300150",
             "marketPrice": 79.0,
             "error": null},
            {"lwin18": "101187220060600075",
             "marketPrice": 295.0,
             "error": null}]
}
```

XML

```
<livexPrice 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">
  <currency>GBP</currency>
  <prices>
    <win18>101595520080300150</win18>
    <marketPrice>79.0</marketPrice>
  </prices>
  <prices>
    <win18>101187220060600075</win18>
    <marketPrice>295.0</marketPrice>
  </prices>
</livexPrice>

```

Error responses

E000: 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/services http://datafeed.liv-
ex.com/service/schema/v1/services.xsd">
  <error>
    <code>E000</code>
    <message> Internal server error </message>
  </error>
</errors>

```

```
</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/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

```

{"currency": "GBP",
  "prices": [{"lwin18": "101595520130300150",
    "marketPrice": null,
    "error": {"code": "R001", "message": "No data found"}}]}

```

XML

```

<livexPrice 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">
  <currency>GBP</currency>
  <prices>
    <lwin18>101595520130300150</lwin18>
    <error>
      <code>R001</code>
      <message>No data found</message>
    </error>
  </prices>
</livexPrice>

```

V003: Invalid L-WIN

JSON

```

{"currency": "GBP",

```



```
"prices": [{"lwin18": "1015955",
            "marketPrice": null,
            "error": {"code": "V003", "message": "Invalid L-WIN number"}}}]
```

XML

```
<livexPrice 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">
  <currency>GBP</currency>
  <prices>
    <lwin18>1015955</lwin18>
    <error>
      <code>V003</code>
      <message>Invalid L-WIN number</message>
    </error>
  </prices>
</livexPrice>
```

V005: Request exceeds allowed limit

JSON

```
{"error": [{"code": "V005",
            "message": "Number of comma separated L-WIN should not exceed limit specified "
}]}]
```

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>V005</code>
    <message> Number of comma separated L-WIN should not exceed limit specified</message>
  </error>
</errors>
```