



API Charts Documentation

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Introduction

InstaForex API Charts enables getting historical data from InstaForex archive. API is available in the form of service which uses SOAP protocol. WSDL-document can be found on

<http://client-api.instaforex.com/soapservices/charts.svc?wsdl>

1. Interaction with API

1.1 Historical data acquisition

The maximum number of candlesticks returned is 250 for one request.

The example demonstrates the request for monthly candlesticks on EURUSD pair since the beginning of history (October 30) and the answer in case the operation is successfully carried out.

Point of entry:

<http://client-api.instaforex.com/soapservices/charts.svc>

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:quot="http://quotesservice">
  <soapenv:Header/>
  <soapenv:Body>
    <quot:GetCharts>
      <quot:chartRequest>
        <quot:From>0</quot:From>
        <quot:Symbol>EURUSD</quot:Symbol>
        <quot:To>1351620300</quot:To>
        <quot:Type>MN</quot:Type>
      </quot:chartRequest>
    </quot:GetCharts>
  </soapenv:Body>
</soapenv:Envelope>
```

Answer:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetChartsResponse xmlns="http://quotesservice">
      <GetChartsResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <Candle>
          <Close>1.4859</Close>
          <High>1.5147</High>
          <Low>1.4623</Low>
          <Open>1.4714</Open>
          <Timestamp>1257033600</Timestamp>
        </Candle>
        <Candle>
          <Close>1.4331</Close>
          <High>1.4903</High>
          <Low>1.4219</Low>
          <Open>1.4851</Open>
          <Timestamp>1259625600</Timestamp>
        </Candle>
        ...
      </GetChartsResult>
    </GetChartsResponse>
  </s:Body>
</s:Envelope>
```

1. Interaction with API

1.1 Historical data acquisition

From – since which moment the search of candlesticks will be performed

To – until which moment the search of candlesticks will be performed

Symbol – the currency pair on which the historical data will be received

Type – the type of candlestick. The possible readings: MN, W1, D1, H4, H1, M30, M15, M5, and M1

2. Examples

2.1 C#

```
var sc = new ChartServiceClient();
try
{
    var candles = sc.GetCharts(new ChartRequest
    {
        From = 0,
        To = 1351620300,
        Symbol = "EURUSD",
        Type = ChartType.MN
    });
    foreach (var candle in candles)
        Console.WriteLine("Timestamp: {0}; Open: {1}", candle.Timestamp, candle.Open);
}
finally
{
    if(sc.State != CommunicationState.Closed)
        sc.Abort();
}
```

2.2 PHP

```
$params = array(
    'chartRequest' => array(
        'From' => 0,
        'To' => 1351620300,
        'Symbol' => "EURUSD",
        'Type' => "MN"
    )
);

$client = new SoapClient('http://client-api.instaforex.com/soapservices/charts.svc?wsdl');
try
{
    echo '<xmp>'.print_r($client->GetCharts($params), true).</xmp>';
}
catch(SoapFault $fault)
{
    echo $fault->faultstring;
}
```