

# Economic Events Downloader v5.1

## Documentation

### 1. Summary

This tool downloads economic events from Forex Factory Calendar back to 2007 and stores them in easy-to-read text files which can later be used by other software, for instance study within your trading platform.

Forex factory calendar: <http://www.forexfactory.com/calendar.php>

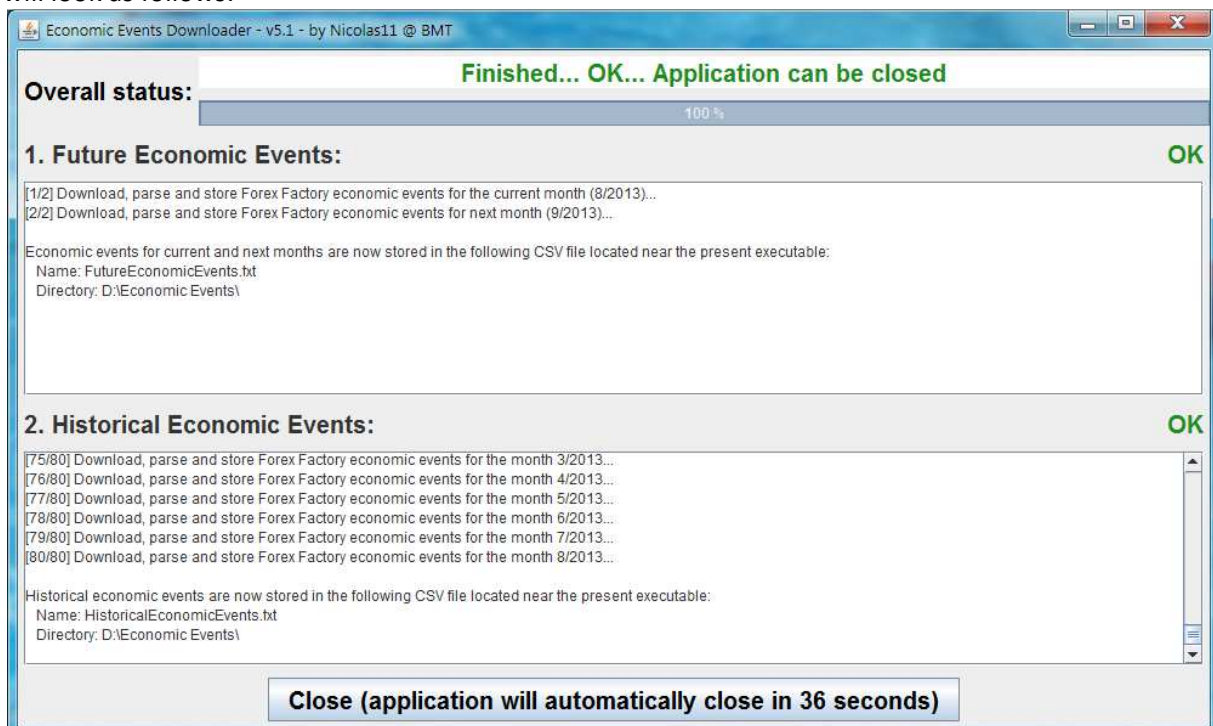
### 2. Execution and results

**Double-click on EconomicEventsDownloader.jar** (the name could be followed by the number of the version), and the tool will start.

Note: This tool is written in Java, so is independent of your operating system (Windows, Mac, Linux, ...). However, it requires that Java be installed on your computer. It is often already the case. If not, it could be freely and easily installed from <http://www.java.com>.

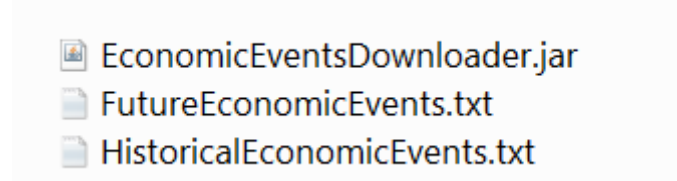
Note: .jar files are executable files, just as .exe files. If you are reluctant to execute this file, since provided by a third party and if you are concerned by security issues, source code is provided. So you can review it and compile it yourself (see section 4 below).

If the tool succeeded in downloading the economic events from Forex Factory calendar, the screen will look as follows:



Two text files are created in the directory where the Java program is located:

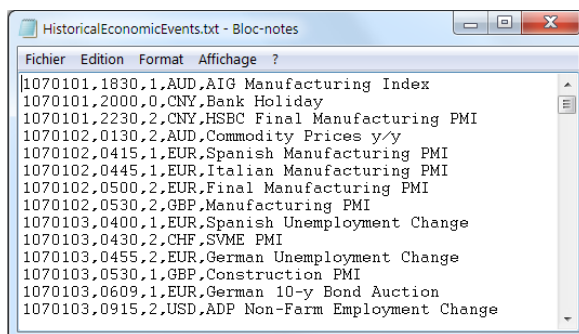
- “FutureEconomicEvents.txt” holds the economic events for the current and next month,
- “HistoricalEconomicEvents.txt” contains the historical events from 2007 till yesterday.



### 3. Details about the content of the files and the economic events selected

Let’s compare the content of the text files with Forex Factory calendar.

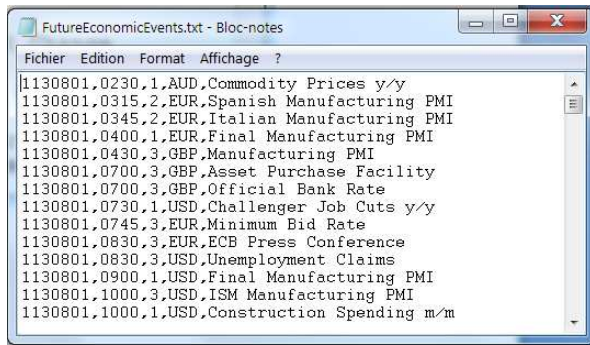
Historical Economic Events file:



Date	Time	Currency	Impact	Event Name
Mon Jan 1	All Day	CHF	Bank Holiday	Bank Holiday
	All Day	EUR	Bank Holiday	French Bank Holiday
	All Day	EUR	Bank Holiday	German Bank Holiday
	All Day	EUR	Bank Holiday	Italian Bank Holiday
	All Day	GBP	Bank Holiday	Bank Holiday
	All Day	CAD	Bank Holiday	Bank Holiday
	All Day	USD	Bank Holiday	Bank Holiday
	All Day	NZD	Bank Holiday	Bank Holiday
	6:30pm	AUD	High Impact	AIG Manufacturing Index
	8:00pm	CNY	Bank Holiday	Bank Holiday
Tue Jan 2	All Day	JPY	Bank Holiday	Bank Holiday
	10:30pm	CNY	High Impact	HSBC Final Manufacturing PMI
	1:30am	AUD	High Impact	Commodity Prices y/y
	All Day	CHF	Bank Holiday	Bank Holiday
	4:15am	EUR	High Impact	Spanish Manufacturing PMI
	4:45am	EUR	High Impact	Italian Manufacturing PMI
	5:00am	EUR	High Impact	Final Manufacturing PMI
Wed Jan 3	5:30am	GBP	High Impact	Manufacturing PMI
	All Day	JPY	Bank Holiday	Bank Holiday
	4:00am	EUR	High Impact	Spanish Unemployment Change
	4:30am	CHF	High Impact	SVME PMI
	4:55am	EUR	High Impact	German Unemployment Change
	5:30am	GBP	High Impact	Construction PMI
9:15am	EUR	High Impact	German 10-y Bond Auction	
	USD	High Impact	ADP Non-Farm Employment Change	

<http://www.forexfactory.com/calendar.php?month=jan.2007>

Future Economic Events file:



Date	5:29am	Currency	Impact	
Thu Aug 1	All Day	CHF	Bank Holiday	Bank Holiday
	2:30am	AUD	Commodity Prices y/y	Commodity Prices y/y
	3:15am	EUR	Spanish Manufacturing PMI	Spanish Manufacturing PMI
	3:45am	EUR	Italian Manufacturing PMI	Italian Manufacturing PMI
	4:00am	EUR	Final Manufacturing PMI	Final Manufacturing PMI
	4:30am	GBP	Manufacturing PMI	Manufacturing PMI
	7:00am	GBP	Asset Purchase Facility	Asset Purchase Facility
		GBP	Official Bank Rate	Official Bank Rate
	7:30am	USD	Challenger Job Cuts y/y	Challenger Job Cuts y/y
	7:45am	EUR	Minimum Bid Rate	Minimum Bid Rate
	8:30am	EUR	ECB Press Conference	ECB Press Conference
		USD	Unemployment Claims	Unemployment Claims
	9:00am	USD	Final Manufacturing PMI	Final Manufacturing PMI
	10:00am	USD	ISM Manufacturing PMI	ISM Manufacturing PMI
	USD	Construction Spending m/m	Construction Spending m/m	

<http://www.forexfactory.com/calendar.php?month=aug.2013>

Comments:

- As you can see on the screenshots above, the content of the text files mirrors Forex Factory calendar, except that the events which are identified as “All Day” on Forex Factory are not downloaded.
- The dates are stored under the format YYYYMMDD where YYY corresponds to the year minus 1900. For instance, 1130801 stands for August 1<sup>st</sup>, 2013.
- The time zone for the hour is the one selected on Forex Factory. You can check it by clicking on the link identified by the red circle:

This Month: Aug 2013				
Date	5:29am	Currency	Impact	
Thu Aug 1	All Day	CHF	Bank Holiday	Bank Holiday
	2:30am	AUD	Commodity Prices y/y	Commodity Prices y/y
	3:15am	EUR	Spanish Manufacturing PMI	Spanish Manufacturing PMI
	3:45am	EUR	Italian Manufacturing PMI	Italian Manufacturing PMI
	4:00am	EUR	Final Manufacturing PMI	Final Manufacturing PMI
	4:30am	GBP	Manufacturing PMI	Manufacturing PMI
	7:00am	GBP	Asset Purchase Facility	Asset Purchase Facility

In my case, this is GMT-5, as shown below. In your case, it could be different. The text files will simply contain the same hour for the events as the one displayed by Forex Factory.

Synchronized Time

**5:36am** (match this time with your computer clock)

Above is the synchronized time. When it matches your computer clock all timestamps on the website will be displayed in your local time. If the synchronized time does *not* match your computer clock, adjust the DST and Time Zone settings below until it matches.

Try reading the [user guide](#) if you experience any problems.

DST

DST On ▾

Indicate whether or not your region is observing Daylight Saving Time (DST). When DST is On, it will move the synchronized time forward by one hour. If your region never adjusts for DST, set it to Off.

Time Zone

(GMT -5:00) Eastern Time (US & Canada), Bogota, Lima ▾

Select your local time zone.

Time Format

am / pm ▾

Select the timestamp format used in your region.

Start of the Week

Sunday ▾

Select the day you want to use as the first day of the week on the calendar.

#### 4. (optional) Compilation

This part is optional. The tool is fully operational by just double-clicking on the .jar file which is an executable file. However, you can prefer to review the source code (provided) and compile it yourself.

Main class is Main.java and contains the “public static void main(String[] args)”.

You can open the source files within your favorite Java IDE (Netbeans, Eclipse), and proceed to the compilation.

Alternatively, you can compile from Windows command line. This requires Java Development Kit (JDK) to be installed.

(It is freely available at <http://www.oracle.com/technetwork/java/javase/downloads/index.html>)

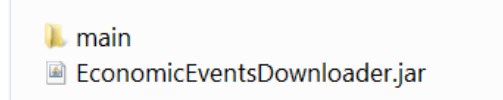
Commands are typically the following:

```
D:\>cd Test2
D:\Test2>path "C:\Program Files (x86)\Java\jdk1.6.0_20\bin";%path%
D:\Test2>javac main/*.java
D:\Test2>jar cfe EconomicEventsDownloader.jar main.Main main/*.class
```

Note:

- "Test2" should be replaced by the name of your directory above the directory called "main" which contains the .java source files.
- "C:\Program Files (x86)\Java\jdk1.6.0\_20\bin" should be replaced by the name of your directory containing the JDK binaries (in particular "javac.exe" and "jar.exe").

At the end of the process, "EconomicEventsDownloader.jar" will appear in the current directory:



You can delete source files and .class files generated within the compilation process.

## 5. Versions

v.5.1	April 20 <sup>th</sup> , 2013	extension of the download back to 2007
v.5	January 28 <sup>th</sup> , 2013	adaptation to modifications of the way Forex Factory formats its calendar (underlying HTML)
v.4	January 27 <sup>th</sup> , 2013	adaptation to modifications of the way Forex Factory formats its calendar (underlying HTML)
v.3	October 27 <sup>th</sup> , 2012	adaptation to modifications of the way Forex Factory formats its calendar (underlying HTML)
v.2	July 23 <sup>rd</sup> , 2012	adaptation to modifications of the way Forex Factory formats its calendar (underlying HTML) limit historical downloading back to January 2009 (vs January 2007 in previous version v1) since Forex Factory does not provide earlier data any more
v.1	February 14 <sup>th</sup> , 2012	first issue

## 6. Disclaimer

This tool was created to the best of our knowledge and experience. However, that does not imply it works flawlessly now and/or will continue in the future.

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