Sample Code

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As well as sample code developed by Betfair, this page allows you to find sample code or documentation prepared by members of the Developer Program community.

If you would like to contribute to this space, please contact Developer Support

All **Betfair** developed sample code follows a typical work flow:

- Find the next UK Horse Racing Win market
- Get prices for the market
- Place a bet on the market
- Handle the error returned by the API when the bet fails as it is below the minimum stake size.

Please Note: In order to aide ease of understanding, the basic Betfair samples are not intended to show certain best practices for speed and throughput. Well designed applications should follow the best practices for client design of the application/language platform and should optimise on an HTTP request level with features such as requesting gzip'd responses and http connection keep alives. Please see Optimizing API Application Performance for further details.

Sample Code

The following samples are currently available:

Language	Documentation	Available From	Description	Developed By
Java	Description	https://github.com/betfair/API-NG-sample-code/tree/master/java	Sample Code for Java	Betfair
Javascript	Description	https://github.com/betfair/API-NG-sample-code/tree/master/javascript	Sample Code for Node.js	Betfair
Python	Description	https://github.com/betfair/API-NG-sample-code/tree/master/python	Sample Code for Python	Betfair
PHP	Description	https://github.com/betfair/API-NG-sample-code/tree/master/php	Sample Code for PHP	Betfair
Excel/VBA	Description	https://github.com/betfair/API-NG-sample-code/tree/master/vba	Sample Code for Excel/VBA	Betfair
C#	Description	https://github.com/betfair/API-NG-sample-code/tree/master/cSharp	Sample Code for C#	Betfair
Curl	Description	https://github.com/betfair/API-NG-sample-code/tree/master/curl	Sample Curl Requests	Betfair
Perl		https://github.com/betfair/API-NG-sample-code/tree/master/perl	Sample Code for Perl	Betfair
Delphi		https://github.com/jamiei/Betfair-API-NG-Sample	Sample Code for Delphi	Community member - jamiei
Clojure		https://github.com/jamiei/betfair-aping-sample	Sample Code for Clojure	Community member - jamiei

Client Libraries & Sample Applications

Language	Available From	Description	Developed By
C#	https://github.com/joelpob/betfairng	API-NG Client Library for c#	Community member - joelpob
Java	https://github.com/joelpob/jbetfairng	Cleint library for Java	Community member - joelpob
Excel/VBA	https://github.com/betfair/API-NG-Excel-Toolkit	Excel Sample Spreadsheet Application	Robin Barrett
Delphi	https://github.com/betfair/API-NG-Delphi-Client	API-NG Client Library for Delphi	Community member - khughes
Javascript	https://github.com/AlgoTrader/betfair	API-NG Client Library for Node.js	Community member - Algotrader
Perl	https://github.com/MyrddinWyllt/WWW-BetfairNG	Perl Library for API-NG	Community member - Merlin

PHP	https://github.com/danieledangeli/betfair-php	API-NG Client Library for PHP	Community member - daniele8805
Ruby	https://github.com/mikecmpbll/betfair	Ruby wrapper for API-NG	Community member - mikecmpbll
Python	https://github.com/jmcarp/betfair.py	Python wrapper for API-NG	Community member - jmcarp
Python	https://github.com/betcode-org/betfair	Lightweight python wrapper for Betfair API-NG (with streaming)	Community member - LiamP
Python	https://github.com/betcode-org/flumine	Betting Trading framework	Community member - LiamP
Scala	https://github.com/city81/betfair-service-ng	Scala sample code for API-NG	Community member - theswan1
R	https://github.com/phillc73/abettor	Sample code for R	Community member - phill_c
C++	https://github.com/captain-igloo/greentop	C++ Betfair API Client	Community member - plachner
C++	https://github.com/tosinalagbe/hedg	High-frequency trading framework for Betfair	Community member - tosin
Rust	https://docs.rs/botfair/0.3.0/botfair/	Rust bindings for the Betfair API	Community member - esotericnonsense

Stream API

Language	Available From	Description	Developed By
C#	https://github.com/betfair/stream-api-sample-code/tree/master/csharp	Sample application for Stream API	Betfair
Java	https://github.com/betfair/stream-api-sample-code/tree/master/java	Sample application for Stream API	Betfair
Node.js	https://github.com/betfair/stream-api-sample-code/tree/master/node.js	Sample application for Stream API	Betfair

Historical Data

Code for processing the data provided by the Betfair Exchange historical data service available via https://historicdata.betfair.com

Language	Available From	Description	Developed By
Web Application	https://www.betfairhistoricdata.co.uk/	Simple web application for converting downloaded historical data files to CSV format. Click **Betfair Historical Data Processor - Quick Guide.pdf** for user guide	Community member - LiamP
Python	https://github.com/mberk/betfairviz	Create visualisations of Betfair order books	Community member - mberk
Python	https://github.com/betcode-org/betfair	Parse/output historical data allowing backtesting or with a custom listener, csv creation	Community member - LiamP
Excel/VBA	https://github.com/betfair/historic-data-workbook	Simple Excel workbook for use with BASIC historical data Coverts files into Excel and provides basic custom reporting tools	Robin Barrett

Tutorials

Language	Available From	Description	Developed By
R	https://betfair-datascientists.github.io/api/apiRtutorial/	Betfair API R Tutorial	Betfair Australia
Python	https://betfair-datascientists.github.io/historicData/jsonToCsvTutorial/	Historical data - Json to Csv Tutorial using Python	Betfair Australia
Python	https://betfair-datascientists.github.io/api/apiPythontutorial/	Betfaur API Python Tutorial	Betfair Australia

Books

Language	Available From	Description	Author
Visual Basic	http://www.amazon.co.uk/Programming-Betfair-Creating-Trading-Applications/dp/151143211X	A Guide to Creating Trading Application for API-NG	James Butler