

FXTrading user-guide

FxTrading Application Backend(SpringBoot)

To see list of options available call this Api

Api link: <http://localhost:8082/index>

The screenshot shows the Postman interface with a GET request to `http://localhost:8082/index`. The response is a 200 OK status with a response time of 9 ms and a size of 430 B. The response body is displayed in the 'Body' tab, showing a list of instructions for trading.

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body: Cookies Headers (8) Test Results

Status: 200 OK Time: 9 ms Size: 430 B Save Response

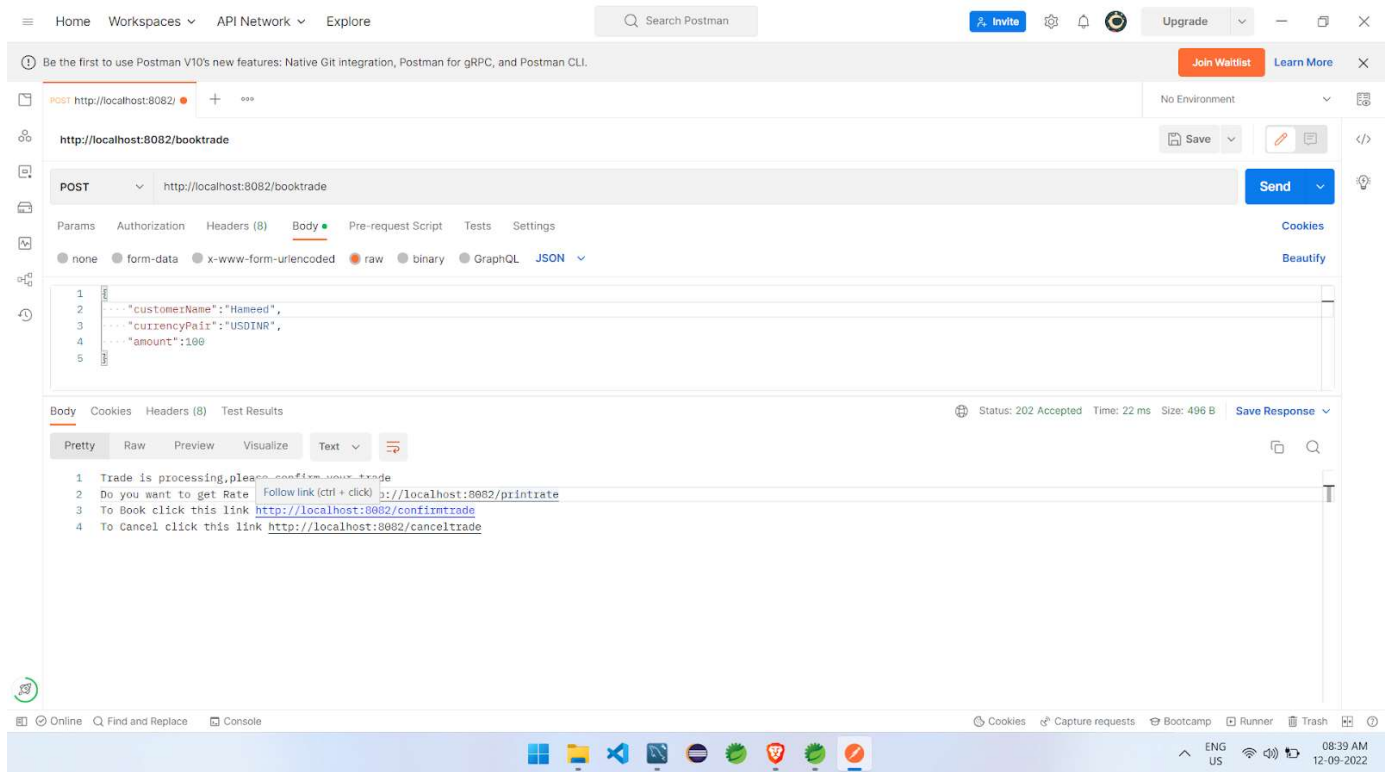
Pretty Raw Preview Visualize Text

```
1 To book Trade click this link http://localhost:8082/booktrade
2 To Print Trade click this link http://localhost:8082/printtrade
3 To Exit click this link http://localhost:8082/exit
4
```

To Book a Trade Call this API

(note : this API only sets status as processing you need to confirm or cancel the trade)

Api link: <http://localhost:8082/booktrade> (method as POST)



To Confirm the trade call this API

API link: <http://localhost:8082/confirmtrade> (Method as PUT)

The screenshot displays the Postman application interface. At the top, the navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is present. On the right, there are buttons for 'Invite', 'Upgrade', and a 'Join Waitlist' button. Below the navigation bar, a message states: 'Be the first to use Postman V10's new features: Native Git integration, Postman for gRPC, and Postman CLI.' The main workspace shows a PUT request to the URL 'http://localhost:8082/confirmtrade'. The 'Send' button is visible. Below the URL bar, the 'Params' tab is active, showing a table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. The 'Body' tab is also visible, showing a text response. The response status is '200 OK' with a time of '44 ms' and a size of '377 B'. The response body is displayed in the 'Body' tab, showing a single line of text: '1 Trade for USDINR has been booked with rate 66.0 , The amount of Rs 6,600 will be transferred in 2 working days to Hameed..'. The bottom status bar shows 'Online', 'Find and Replace', 'Console', 'Cookies', 'Capture requests', 'Bootcamp', 'Runner', 'Trash', and the system clock '08:39 AM 12-09-2022'.

Home Workspaces API Network Explore Search Postman

Be the first to use Postman V10's new features: Native Git integration, Postman for gRPC, and Postman CLI. Join Waitlist Learn More

POST http://localhost:8082/ PUT http://localhost:8082/c/ + *** No Environment

http://localhost:8082/confirmtrade Save

PUT http://localhost:8082/confirmtrade Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (8) Test Results Status: 200 OK Time: 44 ms Size: 377 B Save Response

Pretty Raw Preview Visualize Text

1 Trade for USDINR has been booked with rate 66.0 , The amount of Rs 6,600 will be transferred in 2 working days to Hameed..

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash 08:39 AM 12-09-2022

To cancel the trade call this API
API link: <http://localhost:8082/canceltrade> (Method as DELETE)

The screenshot displays the Postman application interface. At the top, the navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is present. The main workspace shows a collection of API requests. The selected request is a DELETE method to the endpoint 'http://localhost:8082/canceltrade'. The 'Params' tab is active, showing a table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. The 'Body' tab is also visible, showing a response body of '1 Trade is Canceled..'. The status bar at the bottom indicates 'Status: 200 OK', 'Time: 22 ms', and 'Size: 272 B'. The system tray at the bottom right shows the date and time as '02:35 PM 12-09-2022'.

Home Workspaces API Network Explore

Search Postman

POST http://localhost:8082/ GET http://localhost:8082/t GET http://localhost:8082/t DEL http://localhost:8082/c GET http://localhost:8082/c + ...

No Environment

Save

Send

DELETE http://localhost:8082/canceltrade

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (8) Test Results

Status: 200 OK Time: 22 ms Size: 272 B Save Response

Pretty Raw Preview Visualize Text

1 Trade is Canceled..

Online Find and Replace Console

Cookies Capture requests Bootcamp Runner Trash

ENG IN 02:35 PM 12-09-2022

To see the rate call this API

API link: <http://localhost:8082/printrate>

The screenshot shows the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is present. On the right, there are buttons for 'Invite', 'Upgrade', and a minus sign. Below the navigation bar, a tab bar shows 'POST http://localhost:8082/' and 'GET http://localhost:8082/printrate'. The main workspace displays a GET request to 'http://localhost:8082/printrate'. The 'Params' tab is active, showing 'Query Params' with a table:

KEY	VALUE	DESCRIPTION
Key	Value	Description

Below the table, the 'Body' tab is active, showing a response in 'Pretty' format: '1 You are transferring INR 435,600 to finzly'. The status bar at the bottom indicates 'Status: 200 OK', 'Time: 14 ms', and 'Size: 295 B'. The Windows taskbar at the very bottom shows the time as 09:43 PM on 12-09-2022.

This application only accepts USDINR and the amount must be above 0 rs

Testing

Home Workspaces API Network Explore Search Postman Invite Upgrade

Be the first to use Postman V10's new features: Native Git integration, Postman for gRPC, and Postman CLI. [Join Waitlist](#) [Learn More](#)

POST http://localhost:8082/ + No Environment

http://localhost:8082/booktrade Save

POST http://localhost:8082/booktrade Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "customerName": "Hameed",
3   "currencyPair": "EURUSD",
4   "amount": 100
5 }
```

Body Cookies Headers (7) Test Results Status: 500 Internal Server Error Time: 34 ms Size: 5.62 KB Save Response

Pretty Raw Preview Visualize JSON

```
ApplicationFilterChain.doFilter(ApplicationFilterChain.java:162)\r\n\tat org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(CharacterEncodingFilter.java:201)
\r\n\tat org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:117)\r\n\tat org.apache.catalina.core.ApplicationFilterChain.internalDoFilter
(ApplicationFilterChain.java:189)\r\n\tat org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:162)\r\n\tat org.apache.catalina.core
StandardWrapperValve.invoke(StandardWrapperValve.java:197)\r\n\tat org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:97)\r\n\tat org.apache.catalina
authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:541)\r\n\tat org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:135)\r\n\tat org.apache
catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:92)\r\n\tat org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:78)\r\n\tat org.apache
catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:360)\r\n\tat org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:399)\r\n\tat org.apache.coyote
AbstractProcessorLight.process(AbstractProcessorLight.java:65)\r\n\tat org.apache.coyote.AbstractProtocol$ConnectionHandler.process(AbstractProtocol.java:890)\r\n\tat org.apache
tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1789)\r\n\tat org.apache.tomcat.util.net.SocketProcessorBase.run(SocketProcessorBase.java:49)\r\n\tat org.apache
tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1191)\r\n\tat org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:659)
\r\n\tat org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)\r\n\tat java.base/java.lang.Thread.run(Thread.java:833)\r\n",
6 "message": "EURUSD is not allowed Only USDINR is allowed",
7 "path": "/booktrade"
8 }
```

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash 08:42 AM 12-09-2022

Home Workspaces API Network Explore Search Postman Invite Upgrade

Be the first to use Postman V10's new features: Native Git integration, Postman for gRPC, and Postman CLI. [Join Waitlist](#) [Learn More](#)

POST http://localhost:8082/ + No Environment

http://localhost:8082/booktrade Save

POST http://localhost:8082/booktrade Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "customerName": "Hameed",
3   "currencyPair": "USDINR",
4   "amount": -100
5 }
```

Body Cookies Headers (7) Test Results Status: 500 Internal Server Error Time: 15 ms Size: 5.62 KB Save Response

Pretty Raw Preview Visualize JSON

```
ApplicationFilterChain.doFilter(ApplicationFilterChain.java:162)\r\n\tat org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(CharacterEncodingFilter.java:201)
\r\n\tat org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:117)\r\n\tat org.apache.catalina.core.ApplicationFilterChain.internalDoFilter
(ApplicationFilterChain.java:189)\r\n\tat org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:162)\r\n\tat org.apache.catalina.core
StandardWrapperValve.invoke(StandardWrapperValve.java:197)\r\n\tat org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:97)\r\n\tat org.apache.catalina
authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:541)\r\n\tat org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:135)\r\n\tat org.apache
catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:92)\r\n\tat org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:78)\r\n\tat org.apache
catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:360)\r\n\tat org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:399)\r\n\tat org.apache.coyote
AbstractProcessorLight.process(AbstractProcessorLight.java:65)\r\n\tat org.apache.coyote.AbstractProtocol$ConnectionHandler.process(AbstractProtocol.java:890)\r\n\tat org.apache
tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1789)\r\n\tat org.apache.tomcat.util.net.SocketProcessorBase.run(SocketProcessorBase.java:49)\r\n\tat org.apache
tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1191)\r\n\tat org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:659)
\r\n\tat org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)\r\n\tat java.base/java.lang.Thread.run(Thread.java:833)\r\n",
6 "message": "Cannot accept value -100.0 Enter positive value",
7 "path": "/booktrade"
8 }
```

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash 08:42 AM 12-09-2022

Data Stored in Database

The screenshot displays the MySQL Workbench interface. The left sidebar shows the 'SCHEMAS' tree with 'fxtradingdb' selected. The main query editor contains the SQL statement: `SELECT * FROM fxtradingdb.tradedata;`. The 'Result Grid' shows a single row of data:

trade_no	amount	currency_pair	customer_name	rate	status
1	6600	USDINR	Hameed	66	booked

The bottom status bar indicates '1 row(s) returned' and '0.000 sec / 0.000 sec'. The right sidebar contains a 'Context Help' panel with the message: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

Angular FrontEnd Screenshots

