



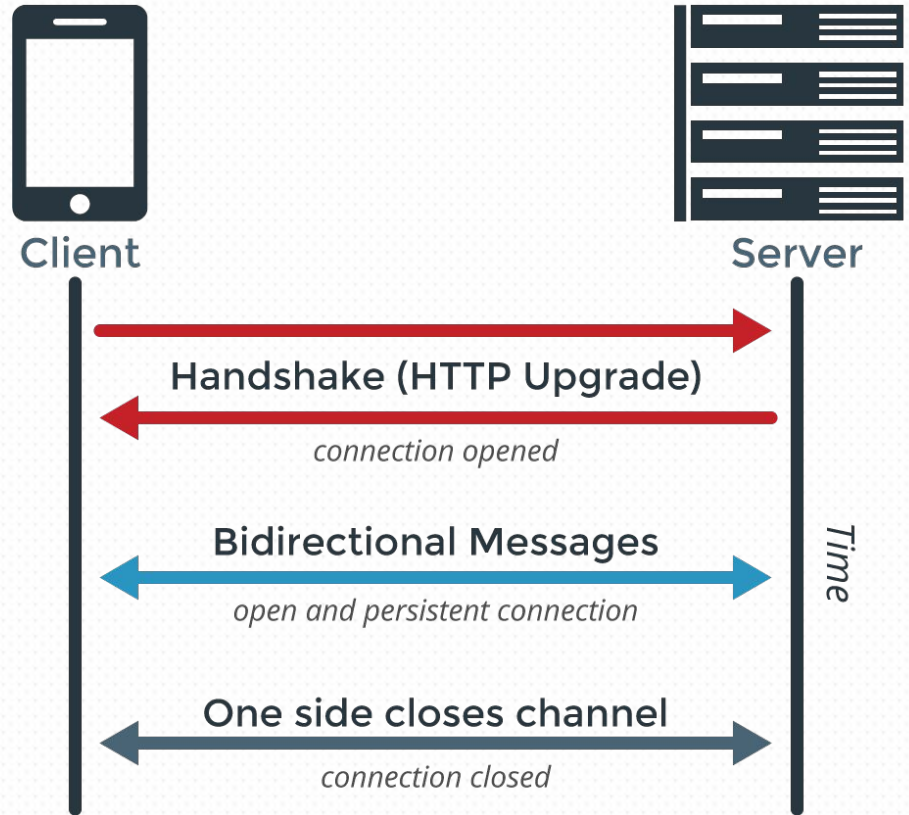
Chat application - Socket Introduction

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We will cover with the following concepts

- 1) How real time communication works?
- 2) Socket.IO
- 3) Difference between TCP and HTTP

How Real-time communication works?



Socket.IO enables bi-directional event based communication



I am also
subscribed to a
particular action

Whenever i want to
inform you
something, I will
trigger an event

Subscribing to an event is like
subscribing to a radio channel or a
website's notification

I am subscribed
to a particular
action

I am ready for that
event, but I will do
the same when I
need something
from you

Whenever there is an update, the
subscriber just receives that



Websockets are different from simple REST communication

- Websockets work on TCP protocol
- Unlike HTTP, TCP can be bi-directional
- Websockets enable all kind of real time communication that you see on web.

The next steps are ...

→ SocketIO - Basic implementation