Java API for Web Sockets

INTRODUCTION

Kevin Jones

@kevinrjones   www.rocksolidknowledge.com

Overview

Introduction to WebSockets

Introduction to the Java API for Web Sockets
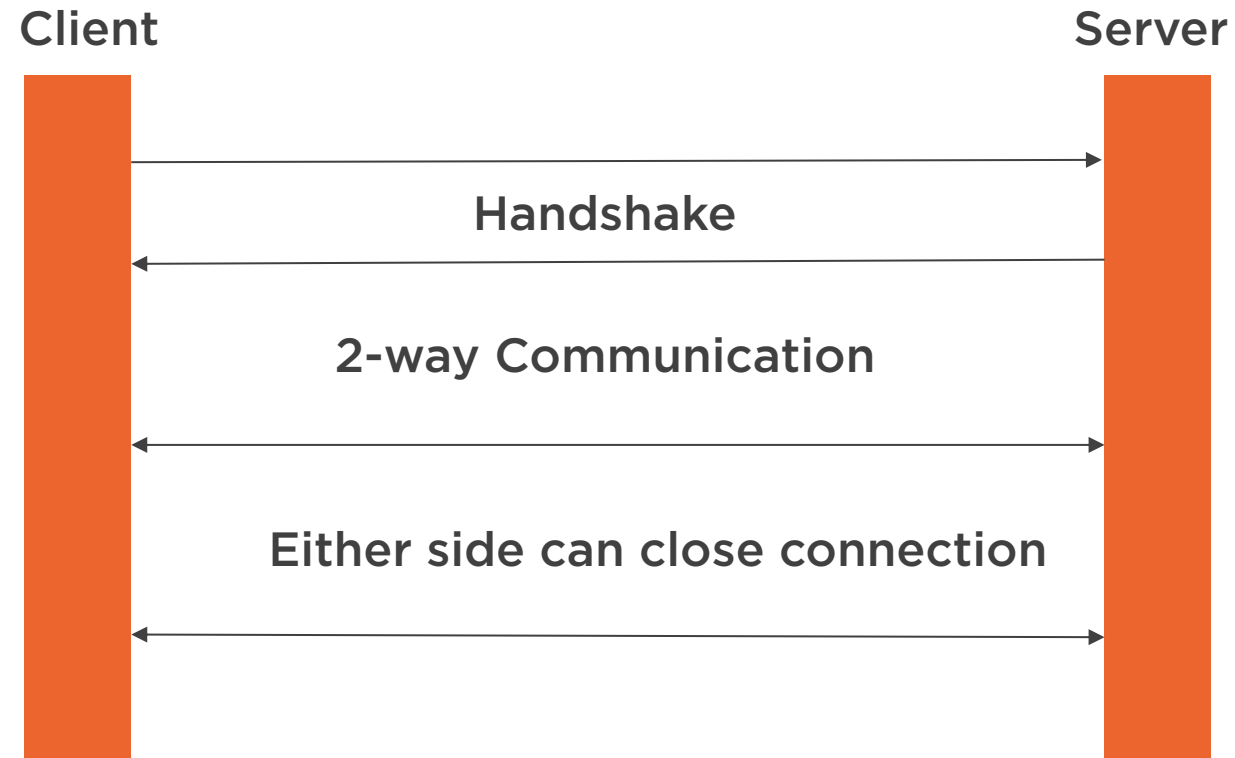
Introduction to the code we will be building

What are Web Sockets?

Full duplex communication between the browser and the server

What are Web Sockets?

Client   **Server**

Handshake

2-way Communication

Either side can close connection

Java API for WebSockets

Part of JEE

API for creating a WebSocket server
- Programmatic endpoints
- Annotated endpoints

Send text and binary data

Convert to/from Java types

Supports URI Templates

Demo

A Chat Application

(The Mandatory Demo)

This Course

Writing a WebSocket Server

Sending and Receiving Messages

Encoding and Decoding Data

Extending the Server