

Creating JS applications using the WebSocket protocol

Course code: JS_WEBSOCKET

This course is designed for intermediate JavaScript programmers who need more than the HTTP Request/Response model in their applications. WebSocket protocol allows the server to notify one or more clients or stream data. Attendees will learn about the use of this protocol in web postings. This course assumes knowledge of JavaScript at the [JS_PROG2] course level.

Affiliate	Duration	Course price	ITB
Praha	2	11 000 Kč	20
Brno	2	11 000 Kč	20
Bratislava	2	440 €	20

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
 05.02.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Praha
 05.02.2026	2	440 €	Telepresence	CZ/SK	GOPAS Bratislava
 05.02.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Brno
 28.05.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Praha
 28.05.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Brno
 28.05.2026	2	440 €	Telepresence	CZ/SK	GOPAS Bratislava

The prices are without VAT.

For whom the course is intended

- This course is intended for JS programmers who know JavaScript at the [JS_PROG2] course level.

What we will teach you

- Open and use a web socket on both the server and client side
- Create a WebSocket client in the browser and in Node.js
- Make broadcasts and use streams

Prerequisite skills

- JavaScript at course level [JS_PROG2]

Course outline

WS protocol

- WS server
- Node.js, npm and the ws package
- WebSocketServer class
- Event response
- connect
- message
- error

WS client

- Browser vs Node.js
- WebSocket class
- Client authentication

GOPAS Praha
Kodáňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



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- Point to point communication
- Server broadcast
- Duplex and streaming

Use/share an existing HTTP server

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
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info@gopas.cz

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