

# Introduction to Solid.js framework

Course code: JS\_SOLID1

This course is designed for intermediate JS programmers who want to learn how to create front-end applications using the SolidJS framework. Participants will learn about presenting data, working with forms, and communicating with the backend, all using the components, signals, and effects provided by the SolidJS library. The course assumes knowledge of the DOM object model in the browser at the course level [JS\_DOM1] and moderately advanced knowledge of JavaScript at the course level [JS\_PROG2].

Affiliate	Duration	Course price	ITB
Praha	3	23 100 Kč	30
Brno	3	23 100 Kč	30
Bratislava	3	990 €	30

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
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The prices are without VAT.

### For whom the course is intended

- This course is designed for intermediate JS programmers

### What we will teach you

- Build a simple SOLID application
- Make application components work together and share state
- Use signals, effects and memes
- Interact with the user
- Interact with the backend.

### Required input knowledge

- JavaScript at course level [JS\_PROG2]
- Course-level knowledge of how the DOM works in a browser [JS\_DOM1]

### Course outline

#### Introduction

- What is solid
- Development environment
- Hello World
- Project structure

#### Data presentation

- Show
- Switch / Match
- Dynamic
- For
- Index
- Portal
- CSS styles and classes

#### Components

- Component targeting

#### GOPAS Praha

Kodářská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



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# Introduction to Solid.js framework

- Lifecycles
- Collaboration and state sharing

Events, signals and status management

- Interaction with the user
- Signals
- Derived signals
- Effects
- Mema
- Store

Backend communication and asynchronous functions

**GOPAS Praha**  
Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**  
Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**  
Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



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