kod szkolenia: JSPRF / ENG DL 3d

Reactive programming in JavaScript with the use of RxJS

Training recipients

The training is intended for developers who would like to expand their knowledge from programmingin JavaScript in terms of using ReactiveX.

Benefits

- An ability to use RxJS library in projects in practice.
- Knowledge of good architectural and implementation practices used in applicationsprocessing data synchronically and asynchronically

Training program

Training program

1. Functional programming
- Assumptions and a concept of functional programming
- Higher level functions
- Usages in code

2. JavaScript language characteristics
- Architecture and ES.Next standard
- Working with asynchronic code, Promises

3. ReactiveX
- Architecture of use and available implementations
- hot vs. cold observable
- The use of subject

- Creating event streams, subscription

4. ReactiveX operators
   - Transformational, filtering, linking, conditional
   - Error handling
   - Stream management
5. Data processing with RxJS library
6. Signals vs. streams — division of roles in the UI
   - Signals as a modern reactive primitive
   - Interoperability: when a stream, when a signal
7. Refactoring the code and including RxJS library in the existing project
8. Testing the code based on RxJS



Expected preparation of the participant

Knowledge of JavaScript language.



Training Includes

Method of training: Workshops.
Mode: Distance Learning (DL)
Level: Intermediate
Duration: 3 days | 21h
Language: English (training and materials)



Czas trwania

3 dni / 21 godzin

Language

- Training: English