

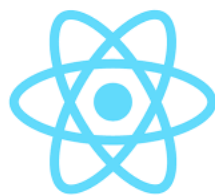


Real Time College

Course: React

Duration: 60 Hours

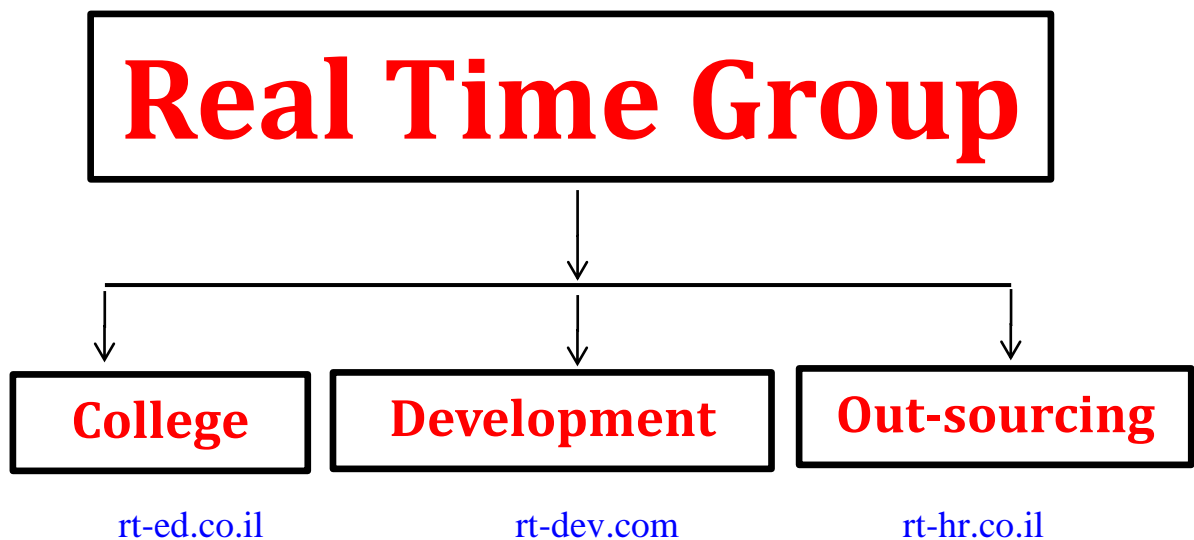
Hands-On-Training: 50%



Real Time Group is a multi-disciplinary dynamic and innovative Real-Time O.S. and Embedded Software Solutions Center, established in 2007.

Providing Bare-Metal and Embedded Linux solutions, professional services and consulting, end-to-end flexible system infrastructure, outsourcing, integration and training services for Hardware, Software and RT-OS \ Embedded Systems.

The company is divided into the following three Divisions:



Training Division:

Professional Training Services for Hardware, Software, RT-OS and Embedded systems industries.

We provide the knowledge and experience needed to enable professional engineers to Develop, Integrate and QA Hardware, Software and Networking Projects.

In order to insure experience, all courses are practical – hands-on-training. The latest Development, QA and Automation equipment which are adopted by the industry are used.

All students are supplied with Development-Boards for home-work and course projects.

Course Overview:

React is a JavaScript component-based library that dramatically simplifies the development of web applications. This course is for beginners who are familiar with the basics of JS and want to move on. Each lesson will focus on learning a specific aspect of React. We'll start with an empty index.html file and gradually build up the code, gradually grasping the main React mental models.

What will I learn:

- Use a powerful development tool
- Understand what problems React solves
- Translate JSX into regular JS function calls
- Combine the best frameworks in projects
- Develop web applications quickly
- Easy to understand component approach

Who should attend:

- Developers of the user interface of WEB applications.
- Developers who provide interaction of client web applications with ready-made enterprise services,
- Web interface developers.

Prerequisite:

- Familiarity with HTML / CSS
- Knowledge of modern JavaScript.
- Basic knowledge of object-oriented programming

React

1. Introduction to React

- What is React. First application
- JSX Basics
- JSX and Babel
- Server. Node.js
- Babel-cli
- React Developer Tools

2. React Basics

- Rendering elements
- Components
- Props
- State
- Developments
- Component life cycle
- Resource management
- Composite components. Search in the list
- File packaging and Webpack

3. Forms

- Working with forms
- Form validation
- Refs

4. Routing

- Defining routes
- Child routes
- Link building
- Route parameters
- Links with parameters
- Parsing a query string
- Call forwarding
- React-router and webpack

5. Flux, Reflux and Redux

- Flux
- Reflux
- Redux