



Real Time College

Course: Mongo DB

Duration: 35 Hours

Hands-On-Training: 50%





www.rt-ed.co.il



info@rt-ed.co.il



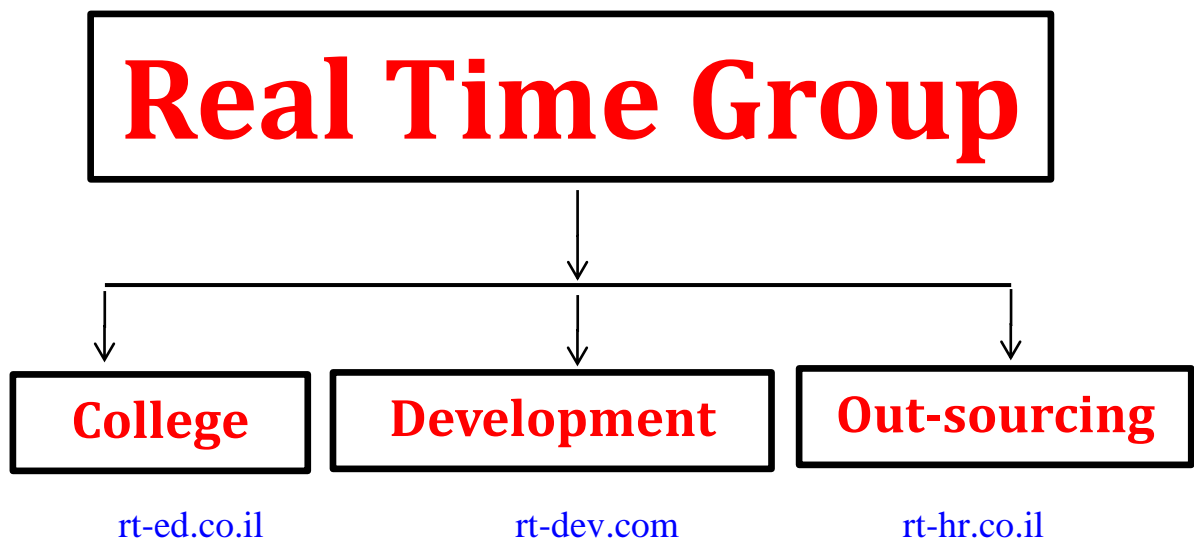
077-7067057

רח' מרדכי רוזנסקי 14, ראשון לציון

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:

The course provides an introduction to the basics of the MongoDB database and methods for developing applications that store and process data based on it.

The basic capabilities of saving, retrieving and searching documents (CRUD), methods of generating search queries, including using the Aggregation Framework and Map / Reduce pipelines, are considered.

Who should attend:

- MongoDB Database Administrators
- MongoDB Web Developers and Database Architects
- For students studying databases using MongoDB as an example

Prerequisite:

- It is preferable that before taking the test you already have knowledge of basic concepts such as "table", "query", "column", etc.
- Terminal and basic commands Linux

Mongo DB Course

1. Introduction to MongoDB

- Introduction to MongoDB
- What is MongoDB
- Getting started with MongoDB
- Compass graphical client

2. Working with MongoDB Database

- Database device. Documents
- Database installation and administration
- Adding data
- Fetching from the database
- Grouping commands
- Selection operators
- Updating data
- Data deletion
- Installing links in the database
- Working with indexes
- Collection management
- MongoDB Database Communication