



Real Time College

Course: HELM

Duration: 10 Hours

Hands-On Training: 30%

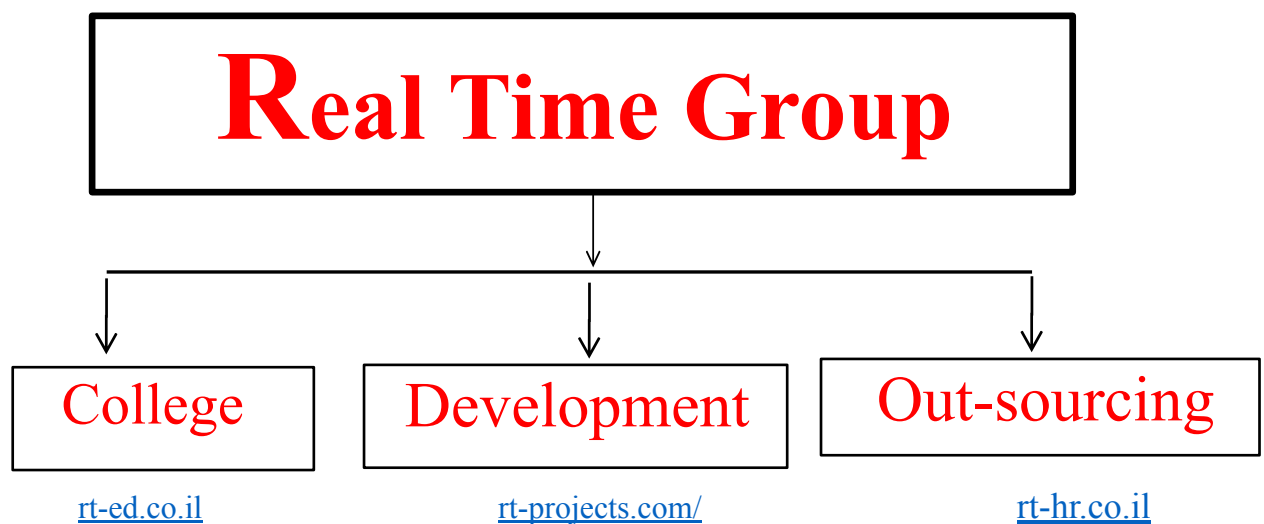




Real Time Group is a multi-disciplinary dynamic and innovative Software Solutions Center, established in 2007.

Providing Embedded Linux solutions, professional IT services and consulting, end-to-end flexible system infrastructure, outsourcing, integration and training services for Hardware and Software industries.

The company is divided into the following three Divisions:



Training Division

Professional Training Services for Hardware, Software, RT Embedded, Cyber and IT industries.

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

Throughout the course we will be using the latest DevOps, QA and Automation equipment which are adopted by the industry.

All students are supplied with necessary equipment (i.e. software license, AWS Account, etc) for Class -work \ Home-work and course projects.

Course Overview:

What is Helm?

Helm helps you manage Kubernetes applications — Helm Charts help you define, install, and upgrade even the most complex Kubernetes application.

Helm is a tool for managing Kubernetes packages called charts. Helm can do the following:

- Create new charts from scratch
- Package charts into chart archive (tgz) files
- Interact with chart repositories where charts are stored
- Install and uninstall charts into an existing Kubernetes cluster

Who should attend:

- System Administrators.
- QA engineers.
- DevOps engineers.
- Team leader.
- Linux system programmers / engineers.

Helm Course Curriculum

1. Helm Introduction
2. Helm Architecture
 - Purpose of Helm
 - Helm Components
 - Helm Implementation
3. Helm Installation
 - Prerequisites
 - Initialization Helm
4. Working with Helm Charts
 - Helm Chart
 - Helm Release
 - Three Big Concepts
 - Finding Charts
 - Installing a Package
 - Customizing the Chart
 - Helm upgrade
 - Helm rollback
5. Creating Your Own Charts