



Course/Module **Developing Web Services with the Google Web Toolkit**

Overview This course has been designed for training professionals on the latest technologies for developing distributed, transactional applications over the web. The course will focus on the use of the Google Web Toolkit, which is an evolving platform that has been designed to support the development of sophisticated web based distributed applications, while placing strong emphasis on the user experience when interacting with them.

The course takes place in a lab environment, giving the participants hands experience with the technologies to be used.

- Objectives** The objectives of the course are to
- Introduce basic concepts of architecting n-tier distributed systems
 - Introduce techniques for structuring transactional, AJAX based web applications
 - Introduce concepts of synchronous & asynchronous communications
 - Introduce techniques for structuring web based systems with the use of the GWT
 - Introduce techniques for interfacing to back end systems

- Skills to be acquired**
- Advanced techniques for architecting and designing n-tier software systems
 - Advanced techniques for developing, implementing and deploying enterprise level distributed systems with the use of the GWT
 - Techniques for interfacing with back end systems

- Prerequisites**
- Intermediate programming skills in Java
 - Java utilities and data structures

- Who should attend**
- Individuals who want to build a strong background in developing sophisticated web applications
 - Software Engineers who want to sharpen their skills in software technologies
 - Managers and decision makers who want to get first hand exposure to state of the art software technologies

Duration 5 days(6 hours per day)
November 01-05, 2010



Professional Education Programs

9:30- 14:30

Instructor Dr Sofoklis Efremides, AIT Assistant Professor

Course outline/structure

- Introduction to the GWT
- N-tier distributed architectures
- Interface definition and implementation
- Asynchronous communications
- Client side, GWT widgets
- Server side and communication to back end systems
- Object persistence using JDO
- Scheduling tasks

Tuition Fee Single Participation: 950,00€
Discount Policy
Cancelation Policy

Program Registration <http://hermes.ait.gr/registrations/multiple.php?prog=255>

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