
Internet Oriented Systems

Finalità

The goal of the course is to provide an in-depth knowledge on web-services and e-commerce technology, with the main aim of enabling students to design and implement systems for e-commerce.

Programma

Introduction to web services. Simple Object Access Protocol (SOAP). Web Services Description Language (WSDL). XML Registries and Universal Description, Discovery and Integration (UDDI). Realizing web services in Java. Web Services security aspects.

Introduction to e-commerce. E-commerce reference architectures. Business models. Market and networks. E-commerce frameworks ebXML. ebXML Registry Architecture, ebXML Business Process. Security aspects. Comparison between UDDI and ebXML. E-commerce project.

Modalità d'esame

Students evaluation is based on a coursework and an oral exam.

Propedeuticità

Reti di Calcolatori.

Testi consigliati

D. Chappell, T. Jewell. Java Web Services. O'Reilly, 2002, ISBN: 0-596-00269-6
Timmers, P. Electronic Commerce. John Wiley, 2000.