
Web application tools

Finalità

Methods and tools for constructing Web applications. A survey of the available technologies.

Programma

The Web. The client-server model. HTTP protocol. HTML. XML. CSS. Visual editors. Web site administration. Scripting languages. CGI programming. Perl. Javascript. Security. Cookies. Managing data bases through Web. University Web services.

Attività d'esercitazione

Laboratory activities cover about 40% of the course. Pre-existent Web application will be analyzed. New applications will be developed with the use of a LAMP (Linux, Apache, MySQL, Perl-PHP) environment.

Modalità d'esame

Students are required to develop a Web project. At most three students can work on the same project.

Propedeuticità

Fondamenti di Informatica (AB). Basi di dati (concurrently).

Testi consigliati

- S. Guelich, S. Gundavaram, G. Birznieks: "CGI Programming with Perl", O'Reilly
- Deitel, Deitel, Nieto, McPhie: "Perl - How to Program", Prentice Hall