

Faculty of Applied Sciences**LINF2335 Computer languages: advanced topics**

[30h+15h exercises] 4 credits

This course is not taught in 2005-2006

This course is taught in the 2nd semester

Language: French

Level: Second cycle

Aims

In computer science, languages are omnipresent. They are very different according to the stage of the software life cycle, according to paradigm used, or depending on the application domain : modeling language, specification language, programming language (imperative, object-oriented, functional, logic, constraints), interrogation language, scripting language, rule language, graphical language, etc.

The aim of this course is to examine in details a recent computer language. This study will deal with the conception of this language, the implementation techniques, and the ways to use it. The language studied may change from one year to another.

Main themes

- Detailed study of the features of a recent language
- Conception principles and implementation techniques of this language
- Use of this language for problem solving
- Solving methods based on this language

Content and teaching methods

see "Main themes"

Programmes in which this activity is taught

INFO2 Ingénieur civil informaticien
LINF2 Licence en informatique