The CoMEte Project
( Course on Mozilla Education and Technologies @ Evry )

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Why CoMeTe?

- It is the role of public Universities to be out of the "commercial highway" and to help free and independent initiatives in computer science.
- University is asked for such learnings by the industrial world!
- Learning individual technologies alone is not enough
  - Open Source is much more structured than that
  - It is much easier to show the students a complete architecture than to learn them pieces of the puzzle
- Why Mozilla?
  - Because it is the most advanced Open Source project
  - Because the technologies which have been developed for Mozilla products can be used broader in the industry
CoMeTe project

- Course on Mozilla education and Technology @ Evry

- Goal of the project:
  - To learn the students all the Mozilla technologies (XUL, XPCOM, Gecko, ..) in order they can invest themselves into
    - Mozilla development
    - Extension development
    - Usage of Mozilla technologies inside the Information System of their companies
  - To spread the Mozilla technologies into the companies through the students
  - To make available on line educational ressources on Mozilla technologies
35 to 40 students will be involved in the CoMETe project in 2009

- They are all formed to the basic Web technologies
  - XML, CSS, XSLT, ..
- They all belong to the MIAGE cursus which is a well known formation in the industry
  - They are at the M2 level of the European LMD schema
    (just before getting their diplom)
  - Some of them work part at the University part in a company
  - They are employees of the company and work directly into the company's projects
- They are all enthusiastic to participate to the project
CoMETe planning

- **Courses are gathered into a week**
  - From October 19 to October 23

- **The first day (October 19) is dedicated to an official inauguration of the project**
  - With Tristan Nitot, Pascal Chevrel and many managers of the companies which welcome the students
  - Approximatively 150 participants (including journalists)

- **The four other days are dedicated to theoretical courses and practical exercises**

- **Individual projects will be given later**
  - Either with subjects given by the Mozilla Community
  - Or with subjects given by the companies if they accept to use Mozilla technologies in their projects
CoMETe courses

- Two + one teachers from the French Mozilla Community
  - The selection has been made in cooperation with Pascal Chevrel
  - Laurent Jouanneau
    - Is involved in many modules of Firefox
    - Is an important member of the French XUL community
  - Fabien Cazenave
    - Is the creator of Kompozer
    - Is also deeply involved in the Xul technology
  - And the last but not the least
    - Paul Rouget will come to show demos
CoMEmTe courses

- All the talks will be given in English
- They all will be recorded
  - Either "barely" in video
  - Or with slides using SMIL
  - All the videos will be publicly available on the Web site of CoMEmTe

- Subjects
  - Tuesday: The Mozilla project, development environnement, basics of XUL
  - Wednesday: Scripting, XPCOM, DOM interface
  - Thursday: XBL, XPCOM with Javascript, with C++
  - Friday: Firefox architecture, themes, localizations
CoMETe feedbacks

- A "win-win" partnership between the Mozilla Foundation and the University of Evry?
- The Mozilla technologies will diffuse into the Information Systems of many companies
- A lot of students will remember this course when in industry
  - To introduce and use these technologies
  - To collaborate to Mozilla products
- In any case, many of them will continue to contribute
- This partnership is also a good point for the University
  - Many students are attracted by this course