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 independant 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 developped 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 developement**
    - **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 techonologies**
        - **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**

- **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**

- **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**

- **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 CoMETe
- **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

- 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