Challenges

- FLOSS communities use a variety of communication tools (e.g. BTS, CVS, mailing lists, discussion forums, blogs, etc.)
- FLOSS communities are very communication-intensive making it hard for developers to "capture" all aspects of the developing project
- FLOSS developers autonomously decide how and when to contribute

ALERT's outcome will be:

- sensors for real-time capturing of relevant information from information sources
- modules for knowledge extraction and integration from structured and unstructured sources
- module for dynamic user profiling and clustering
- model for declarative specification of alerts and alert-detection engine
- an (re)active collaboration platform
- evaluation of the ALERT system in three important open source communities (OW2, KDE and Morfeo)

Approach

An active collaboration platform that:

- monitors developer’s activities (OBSERVE),
- integrates and interprets developer’s interactions (ORIENT),
- suggests actions on the basis of these (DECIDE),
- thus enabling developers to work better together (ACT)