Exercise 5 – Mensch-Machine-Interaktion 2

Gaze Trail Visualization

(Per-group homework, 1 week)

Write a Java program which can visualize gaze trails of users who looked at an image. The visualization should include as much information as possible, such as where the user looked, for how long his gaze lingered, the order of spots looked at, etc.

Sample data is available in the following archive:
http://www.medien.ifi.lmu.de/fileadmin/mimuc/mmi2_ss06/uebung/exercise5.zip
This includes two pictures, each with two log files that were obtained using eye tracking equipment for different users. Each line of the log files has the following format:
`timestamp_in_milliseconds: x, y`

Submission:

- Submission is by email to mmi2@hcilab.org
  Please use a ZIP attachment named `exercise5-groupN.zip` (N is the number of your group). The archive must include both source code and the corresponding `.jar` file. Furthermore, it must include the four visualization images produced by your program. The code must work in the computer lab in Amalienstr. 17. Try to keep the attachment size below 4 MB.
- Each group must hand in one solution. Please state if anyone has left your group.
- Deadline for submission: **Wednesday, June 28th 2006, 9 a.m.**