



Tobii test of iComponent by Oleg Špakov

iComponent lets the user record eye-movement data and later to visualize the gathered data.

Tested in July 2010 by Måns Östberg

iComponent consists of a recording engine, some visualization views (including replay) and some user-defined tasks (at least for observation set of pictures, Internet pages and video on the background during recording). Tasks and Drivers are plug-in libraries. Templates for creating drivers and tasks are available, so other developers can extend possibilities of the iComponent implementing and adding they own solutions.

iComponent has been developed by Oleg Špakov (<http://www.cs.uta.fi/~oleg/>) at the University of Tampere in Finland.

Test details

Test performed 2010-07-10 on iComponent version 3.28, released on 2006-02-24. The test was performed on the following equipment:

- Eyetracker: Tobii T60 XL, firmware 1.2.21
- Computer: FujitsuSiemens laptop LIFEBOOK BS034 (2 GB ram, 2 GHz Intel Core2 T7200 CPU at 2 GHz)
- Operating system: Windows XP service pack 3
- SDK: Based on old Tobii SDK, from 2004-03-04

Test Results

The recording engine cannot communicate with the eye-tracker. According to Spakov the program should work if you are running TETserver 1.x, and are using a Tobii 1750 eye tracker. This we have not tested.. The mouse simulator and the visualization works.