

Tobii Studio

For a very elaborate user manual, refer to:

http://www.tobii.com/Global/Analysis/Downloads/User_Manuals_and_Guides/Tobii_Studio2.2_UserManual.pdf

IMPORTANT!

11/23/2011 - You must log into the Eyetracker computer using the login "lute-eyetracker\luteuser" (without quotes) and use the password taped onto the monitor. You will not be able to use Tobii under COE\luteuser or any netID account. If you remember logging in as luteadmin for a previously saved study, speak with the current LUTE RA for instructions on how to retrieve your data.

Conducting, Observing, or Analyzing a Pre-Existing Study

1. Open Tobii Studio using "Eye Tracker Computer"
2. In "Project Library" window, select your desired project

Conducting a Study

Conducting the study is done within "Design and Record" tab in Tobii

1. Click **Start Record**
2. Select **Create new participant** tab, fill in data, then click OK
3. **Start Calibration**
 - a. Generally, if the gaze calibration markers (in green) are not too jagged, it should be okay. It is usually never perfect. You may also refer to the guide on page 53 of the Tobii manual to check for success.)
4. After completing the calibration, click **Start Recording**
5. Press F10 to move past instruction screen
6. Press F10 to go to survey
7. Hit **<Esc>** or Auto-End to end test
8. Shrink main window to restore project Window

Observing a Participant Study

All observations are done within “Replay” tab in Tobii

1. **Select a participant** within *Recordings* section
2. **Observe** events within *Events* section
3. Click **Play** button to go through the study
4. **Export** segments by clicking the Export icon directly underneath the tabs. Pay attention to the following settings:
 - a. Output folder
 - b. Export segments/recordings...
 - c. User camera settings

Analyzing Results

Analysis of overall results are done within “Visualizations” tab in Tobii

1. View different medias within *Media List*
2. **Observe** the particular participants within *Recordings*
3. **Examine results** in different visuals by clicking the icons near the top of the window
4. **Export** current image, batch, or animated visualization by clicking Export icon directly underneath the tabs.

Creating and Designing a New Project

Creating a New Project

1. Open Tobii Studio using “Eye Tracker Computer”
2. Click “Create New Project” button
3. In “Create new project” window, enter in **Project Name**
4. Click **Browse...** to select where the project should be saved; by default, it is set to Documents\Tobii Studio Projects
5. Click Next to continue.
6. Create the first test by entering the Test Name, and then click OK

Designing a New Project

Tobii studies are composed of media elements organized along a presentation timeline, similar to that of video editing software.

1. **Add media** by dragging the element from the toolbar to the timeline:
 - a. Instructions. Text element that is used to describe the task, or provide instructions for the participant.

- b. Image. Present an image file. Note that images larger than the monitor resolution will be cropped, with the middle of the image centered in the screen.
 - c. Movie. Present a video file. Note that videos larger than the monitor resolution will be cropped.
 - d. Web. Display a website. Tobii Studio opens the website in Internet Explorer, and automatically records all mouse clicks, key strokes, and websites visited during the test.
 - e. Screen Recording. Records screen and gaze when using a light-weight application (no heavy graphics or HQ video).
 - f. Questionnaire. Present multiple choice questions.
 - g. PDF. Present a PDF document.
 - h. There are a few other media types that can be used, but discussed in this document are the most often used for the typical study composed by students of HCDE.
2. **Verify the presentation screen** is set to the correct monitor by clicking the Identify button on bottom left corner of window. If not, change the Display in the dropdown menu box
 3. Click the **Preview Test** button to walk through what the participant would see
 4. You have successfully set up the test! The study settings save automatically.