

CTHCI Lab 2

Writing a Review (Part I)

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Plan

- Review
- Practice: Paper structure
- Practice: Writing a review for an evaluation section
- Logistics of Assignment Zero
- Reflection
- (optional) Demo: Searching and retrieving literature



Yesterday in Current Topics...

- Differences between descriptive empirical research and ethnographic research
- Triangulation
- Key attributes from Engineering & Design research
- Internal vs. external validity
- Learning curve



Measures

tha<e p<quik<ck brwn<<own t<fox
↑ ↑
t = 0 sec t = 10 sec

19 characters, 31 keystrokes

$$\text{WPM} = \frac{|T| - 1}{S} \times 60 \times \frac{1}{5}$$

$$(19 - 1) / 10 * 60 / 5 = 21.6$$

$$\text{KSPS} = \frac{|IS| - 1}{S}$$

$$(31 - 1) / 10 = 3$$

$$\text{KSPC} = \frac{|IS|}{|T|}$$

$$31 / 19 = 1.63$$



Assignment Zero: Writing a Review for Dummies

- Write a review about the evaluation section for one of these papers:

- Typing on Flat Glass¹ (Findlater et al., CHI '11) Even-number groups

- The ILine Keyboard² (Li et al., UIST '11) Odd-number groups

- Required reading for background:

- Evaluation of Text Entry Techniques³ (MacKenzie, 2007) REQUIRED

- Peer grading

- In groups of 3, select **one** of the papers

- Individually review the evaluation sections in the paper

- Grade each other's review

- Structured review form and grading form will be posted online

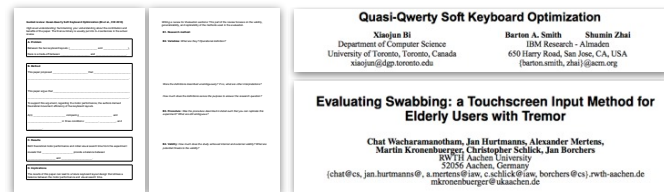
- Submission: 3 × original reviews and 6 × peer grading feedback

- **Deadline:** Tuesday, April 23rd, 2013 before 12:00 noon

1 <http://dl.acm.org/citation.cfm?id=1979301>
2 <http://dl.acm.org/citation.cfm?id=2047257>
3 <http://www.yorku.ca/mack/chapter4.html>

In-Class Practice

Paper structure and writing a review of an evaluation section



Logistics of Assignment Zero

- **Review:** Plain text in *one page* A4 (font size: Helvetica or Arial 12pt)
 - Summary: Summarize the main contributions and benefits of the paper in one short paragraph (max. 5 sentences)
 - Evaluation: You may structure this section freely
 - Suggestion for improvements
 - Final judgement: Would you {accept, reject} this paper? Why?
- **Peer feedback:** one page A4
- Recommended schedule
 - Saturday: finish your review
 - Monday evening: finish your feedback
 - Tuesday morning: collect all 6 pages in PDF (include your names and Mat. Nr.) and email to Chat



Peer Feedback Guide

- First glance: How organized is the structure of the review?
- Paper understanding
 - How well did the reviewer understand the contribution of the paper?
 - How well did the reviewer understand the methods used in the paper?
 - What points might the reviewer misunderstand?
- The review
 - How clear and how concise was the reviewer's arguments?
 - How substantiate was the arguments?
 - How detailed were the suggestions?
 - How constructive was the tone of the review?
- Additional suggestions to improve the review



Reflection

This slide was skipped in the lab
because we ran out of time

- Lecture 2: Example of experimental text entry research
- Short-term purpose (this course)
 - To appreciate the detail and pitfalls that is needed for understanding an experimental research paper
- Medium-term purpose (your thesis)
 - To recognize some of the important factors that you need to consider when planning a user study
- Long-term purpose (your life)
 - To be an intelligent knowledge consumer by spotting potential flaws from the scientific studies



Demo: Retrieving and Searching for Papers

- Google Scholar: Entry point, alerts, citation search, finding the full version for free.
- ACM Digital Library: The main archive, video materials, comprehensive search by author.
- Citeology: Citation visualization (1982–2010)
 - <http://www.autodeskresearch.com/projects/citeology>

