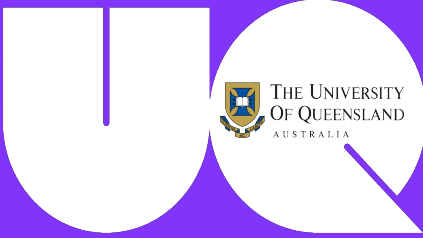


e-Exams at University of Queensland



Trial Results 2014

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Brief

Trials of e-Exam v5 at UQ 2014

- 4 courses in semester one ANIM, CRIM, PHTY, VETS
 - 2 courses in semester two BIOL, OCTY
- Typers 71 & Hand writers 450.

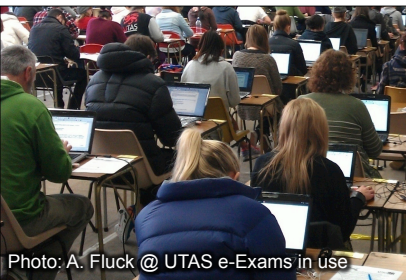


Photo: A. Fluck @ UTAS e-Exams in use

Trial Procedure

1. Planning and ethics approvals.
2. Call for interested academics.
3. Exam plans for paper equivalence
4. Student EOI and consent form.
5. Pre-exam set-up/practice sessions with student pre-survey, (technical and first impressions).
6. Academics send e-Exam copy. USB master created, tested and duplicated (1 per student).
7. Exam day:
 - a. Setup room (power, paper backup, spare laptops).
 - b. Students enter room, given USB each, startup laptop with USB and type into doc. →
 - c. Exam runs supervised.
 - d. At the end, all USBs collected.
 - e. Students given **post survey**
8. After the exam, USBs are reverse copied to collate responses.
9. Responses sent to academic for marking.

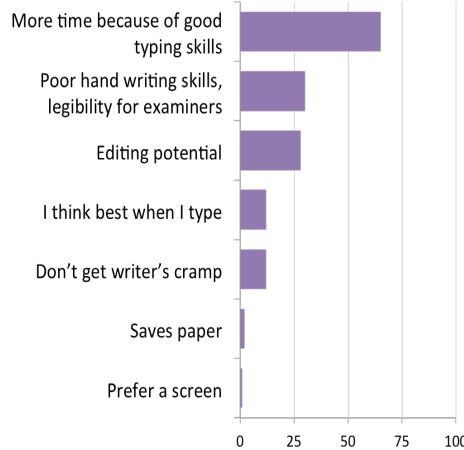
Try it yourself

1. Download the ISO of the open source e-Exam System client.
2. Follow the demo set-up guide to build your own e-Exam USB.
3. Read the user/features guide.
4. Start your laptop with the e-Exam USB. Set-up and start up guides available for Apple Mac and 'Windows' laptops.

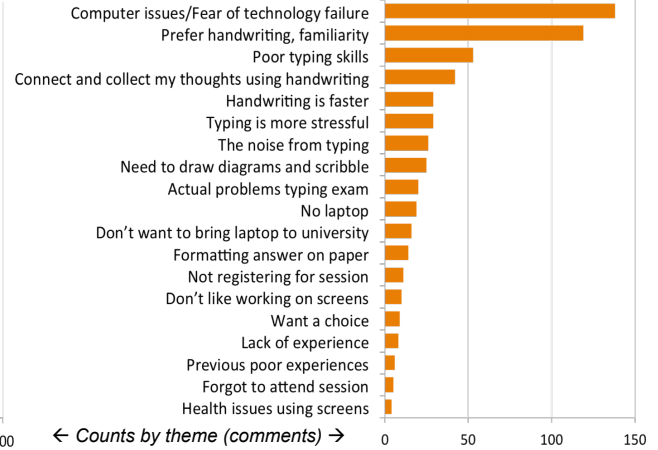
Download and try today...

Post-Exam Student Survey

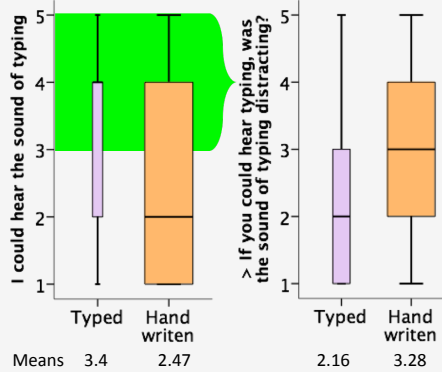
Why did you type?



Why did you hand-write?



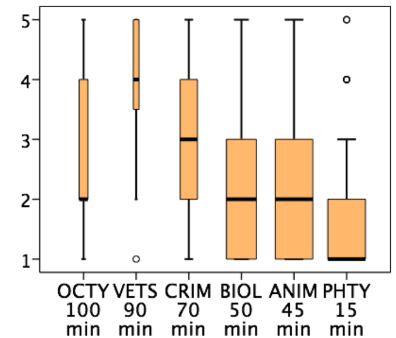
Was the sound of typing distracting?



The two cohorts ANIM and BIOL were removed from the analysis because typers and hand writers sat in different rooms. Those that could hear typing (who selected 5, 4 or 3) were included in the determination of distraction by typing sound. Each cohort exam was held in a different venue.

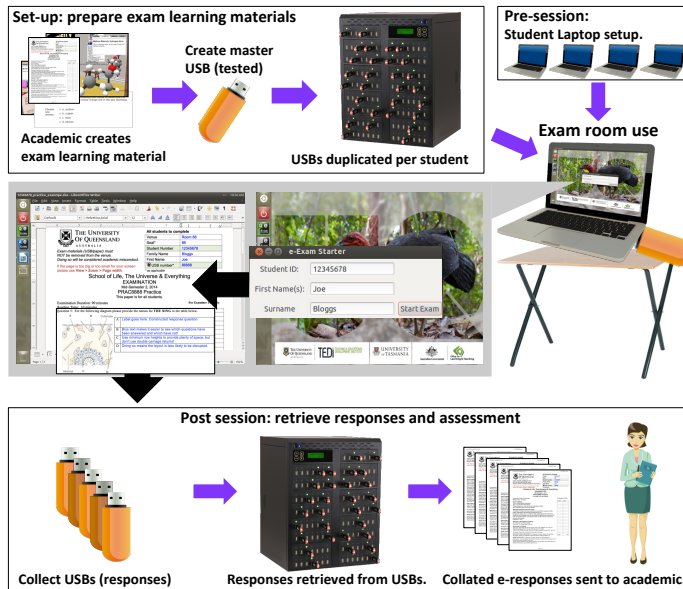
Both exhibited significant differences to >.01
Likert Scale: 5 = Strongly Agree, 1 = Strongly Disagree

I experienced discomfort in my writing hand



Pen discomfort between cohorts sig at >.01
Becomes a problem at the 70 minute mark.

e-Exam Workflow



Acknowledgements

Dr Andrew Fluck, University of Tasmania. Project partner and leader of the predecessor version.
Ms Marisa Emerson, project technical developer (UQ).

The Future

- Trials for 2015 (UQ funded).
- Awaiting 2015 OLT Innovation and Development Grant proposal outcomes.
- Formation of an 'International e-Examinations Research Network' - Seeking EOIs
- Trial EOIs sought from you!

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