

# The difference of keyboard shortcut usage between interaction designers and others

Andreas Grünewald

Department of Computing Science  
Umeå University, Sweden  
`id11agd@cs.umu.se`

## 1 Introduction

**Purpose** Does students at the Interaction and Design program use more keyboard shortcuts when typing and using web browsers than others?

**Motivation** Since students the Interaction and Design program are frequent users of computers and experienced programmers, they have learned a lot of keyboard shortcuts for text editing. This research will define if they are more experienced with the keyboard shortcuts than other students.

## 2 Method

The test persons will be given a piece of text in a program. They will then need to perform certain tasks on this text and window it is open in. The tests will be performed on an Apple MacBook and with MacBook-experienced users. To collect data I will observe as well as communicate with the test persons. They will tell me throughout the test what they are doing and what kind of shortcuts they are using (if any are used). Shortcuts to be tested are:

- Mark all text (Cmd + T)
- Copy marked text (Cmd + C)
- Cut marked text (Cmd + X)
- Paste text (Cmd + V)
- Undo recent activity (Cmd + Z)
- Close open window (Cmd + W)
- Quit program (Cmd + Q)
- Print paper (Cmd + P)
- Create new file (Cmd + N)
- Open file (Cmd + O)
- Save file (Cmd + S)
- Open new tab (Cmd + T)
- Change program (Cmd + Tab)
- Jump to end of row (Cmd + right/left arrow)
- Jump to beginning / end of document (Cmd + up/down arrow)
- Jump one word front / back (Alt + right/left arrow)

### 3    Result

### 4    Discussion

### 5    Limitations

The test will only evaluate students at the Interaction and Design program. It will only be carried out on a Apple MacBook keyboard, which requires the test persons to be experienced with such keyboard.

### 6    Conclusion

### 7    Future Work

To expand the test and make it include shortcuts used in other common programs such as different web browsers and even games.

### 8    References

#### References

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