



Designing Interactive Systems I: Lab 7

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Winter term 2011/2012

<http://hci.rwth-aachen.de/dis>



Overview

- GOMS Review
- State machine review
- (optional) Project meeting



In-Class Exercise

- Use GOMS to predict the time (see handout)

Find: ▼ Σ

Replace: ▼ ▼

Regular expression Ignore case Wrap around

Gestures (subgestures separated by comma)	Operations	Rule 0	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Total
1. Move hand to mouse, point to <i>Replace</i> on the toolbar, click	HPK	HMPMK	HMPK					HMPK

Ideal solution: with clicking replace icon on toolbar

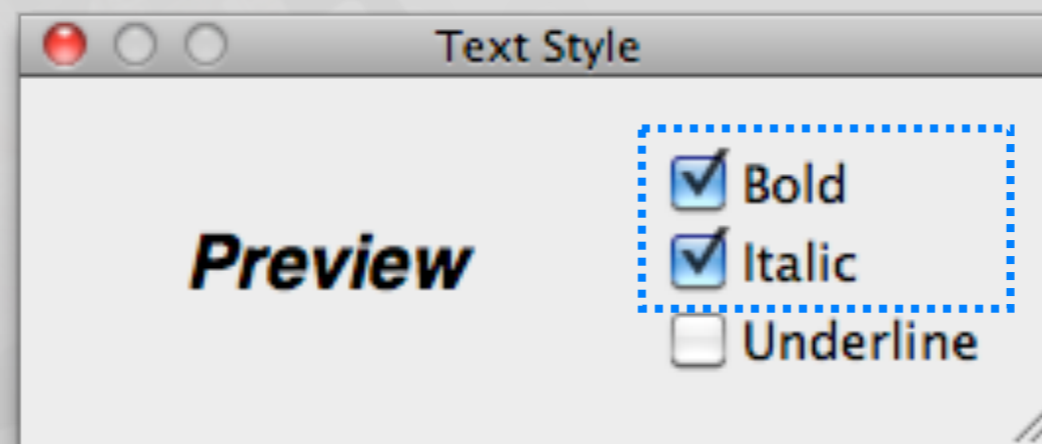
Gestures (subgestures separated by comma)	Operations	Rule 0	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Total
1. Move hand to mouse, point to <i>Replace</i> on the toolbar, click	HPK	HMPMK	HMPK					HMPK
2. Move hand to keyboard, type <i>midterm</i>	H7K	H7(MK)		HM7K				HM7K
3. Move hand to mouse, point to <i>Replace</i> field, click	HPK	HMPMK	HMPK					HMPK
4. Move hand to keyboard, type <i>final</i>	H5K	H5(MK)		HM5K				HM5K
5. Move hand to mouse, point <i>Replace all</i> , click	HPK	HMPMK	HMPK					HMPK

	Frequency	Operation time (seconds)	Total
H	5	0.4	2
M	5	1.35	6.75
P	3	1.1	3.3
K	15	0.2	3
		Predicted time	15.05 seconds



State Machine

- Create a state machine of the highlighted controls of the following dialog box.



Bold & Italic Combined

