

Informatics 134

Software User Interfaces
Spring 2023

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Agenda

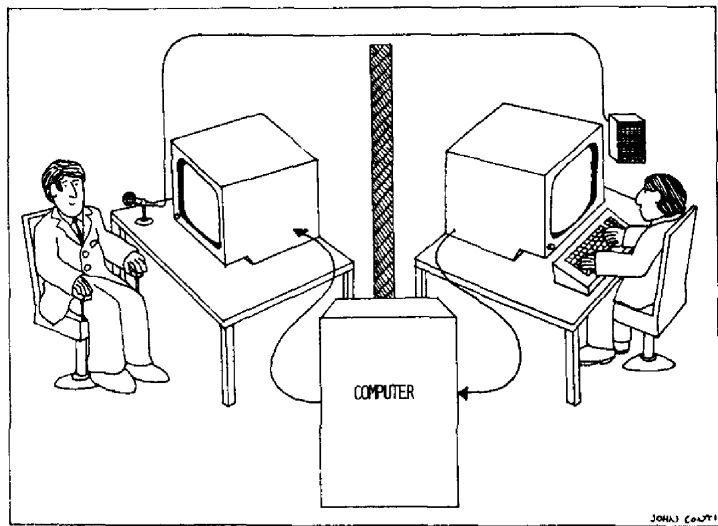
1. Upcoming
2. Evaluations - Wizard of Oz
3. References

Upcoming

Upcoming

- Today:
 - Widget Discussion
 - Evaluations - Wizard of Oz
 - Tonight: Development Check-in 2
- Next Week:
 - Testable interface ready by 5/19
 - Work on prototypes/final product
 - Prepare for user evaluations

Evaluations - Wizard of Oz



[Gould et al., 1983]

Human 'wizard' simulates system response

- Interprets user input according to some process (or algorithm)

- Controls computer to simulate appropriate output

- Uses real or mock interface

- Wizard sometimes visible, sometimes hidden

Useful method for...

Adding simulated and complex vertical functionality

Testing futuristic ideas

Increasingly relevant for ML/AI driven user experiences



[Porcheron et al., 2021]

Examples

Eye Toy Prototype

Anti-gravity bar

Ex-A-Sketch

References

References i



Gould, J. D., Conti, J., and Hovanyecz, T. (1983).
Composing letters with a simulated listening typewriter.
Communications of the ACM, 26(4):295–308.



Porcheron, M., Fischer, J. E., and Reeves, S. (2021).
Pulling back the curtain on the wizards of oz.
Proceedings of the ACM on Human-Computer Interaction, 4(CSCW3):1–22.