







Review

Contextual inquiry

- Helps answer the task analysis questions
- Hybrid between interview and observation
- Use master-apprentice model to get them to teach you





Assignment (due Feb 19)

Contextual Inquiry and Task Analysis

- A lot to do so get started ASAP
- Should be interviewing subjects (at least lining up subjects)

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The Metaphor

Computer objects as visible, moveable objects

Consequences

- Items represented as icons
- Items can be "picked up" and "moved" on a surface
- Items can be "thrown out"
- Items can be "copied"
 - Do we really want to have to drag them to a photocopier?

How much is too much?



















Cognitive Conscious / Unconscious

Examples?

- What is the last letter in your first name?
- You know it but weren't consciously accessing this information a moment ago, but now you are.
- How do your shoes feel right now?
- How did "The Shining" make you feel?
- Having a name on the "tip of your tongue"



Locus of Attention

What is it?

- An idea/object/event about which you are intently and actively thinking
- The one entity on which you are currently concentrating
 - You see and hear much more
 - E.g., background noise

Why locus?

- Focus implies volition; locus not always consciously control
- Attention can be either active or "going with the flow"

Locus of Attention

Why is it important for HCI?

- Cannot be conscious of more than one task at a time
- Make the task the locus of attention
- Beware of the power of mental habits
 - Repetitive confirmations don't work
- Take advantage of it
 - Do pre-loading while user thinking about next step
 - Streamline resumption of interrupted tasks



Next Time

More from Raskin

<u>Cognetics and the Locus of Attention</u>. The Humane Interface. Chap 2. Raskin. <u>Meanings, Modes, Monotony and Myths</u>. The Humane Interface. Chap 3. Raskin. Readings are a bit long, but Raskin is a great writer worth reading Reading for next Tue will be short

Storyboards and Sketching

- Bring pen and paper for in-class exercise