Fundamentals of Situated Interaction

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Homework

Read:


Exercise #3  Graphical Objects as Tools

Create a drawing with properly aligned and distributed objects without using any ‘official’ tools:

No “align” command
No “distribute” command
No “rotate” command

Just:
create, copy, paste,
move, resize, and color
circles, rectangles and text
Exercise #4  Finding Digital Tools

Choose a creative software application such as Microsoft Word

Take a screen shot of one toolbar.
Count how many discrete tools appear on the screen.
Give each tool a name and a brief description of what it does, with pointers to the screenshot.

Shape: insert a new shape
Exercise #5  Graphical Manipulation Strategies

What happened first: What did you try to do?
Did it work?  If yes, what did you do next?
If no, what else did you try?

Interview #1: A interviews B and takes notes
Interviewer A: __________________________  Interviewee B: __________________________
Question: ______________________________________________________
Answer: __________________________________________________________
Question: ______________________________________________________
Answer: __________________________________________________________
...  
Interview #2: B interviews A and takes notes
Interviewer B: __________________________  Interviewee A: __________________________
Question: ______________________________________________________
Answer: __________________________________________________________
Question: ______________________________________________________
Answer: __________________________________________________________
Exercise #6 Cross-Application Tools

Group exercise (15 + 15 minutes)

1. Find tools that are used *across multiple applications*
   For each tool: How similar / disimilar are they?
   What do they reify?
   Are they polymorphic?
   Are they reusable?

2. Find tools that exist *in only one application*
   For each tool: How could it be used in another application?
Exercise #7  Pencil Properties

Group exercise

1. Start with your group's set of pencil ideas. List the physical properties of the pencil, e.g. 'rigid', that make the activity possible.

2. For each physical property, list as many uses of that property as you can, e.g., 'prop up a young plant'.
Next week:

Upload exercises #5, #6, #7

Plus:  Create groups of three
       Choose 2 articles for your iMuseum entries

Enter your choices in the Google Doc