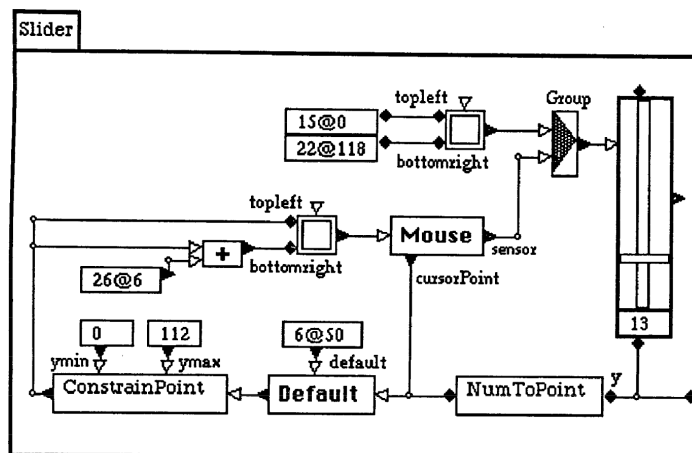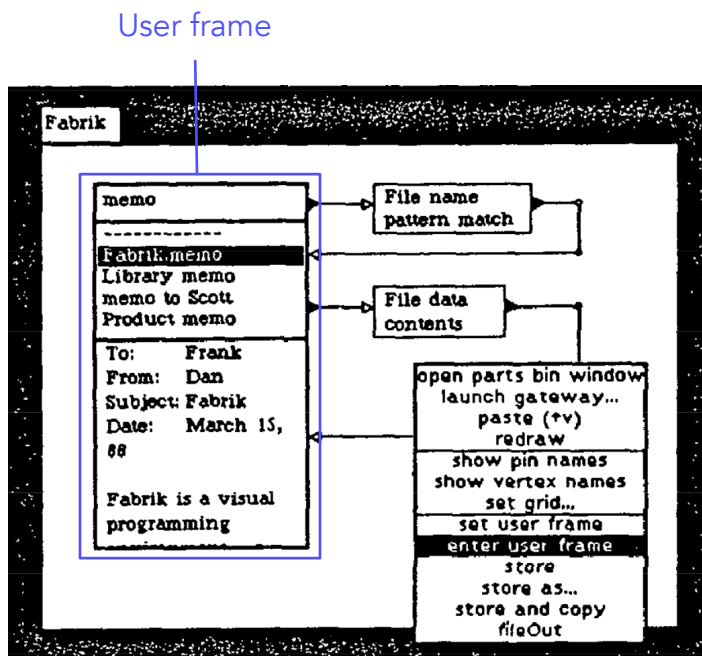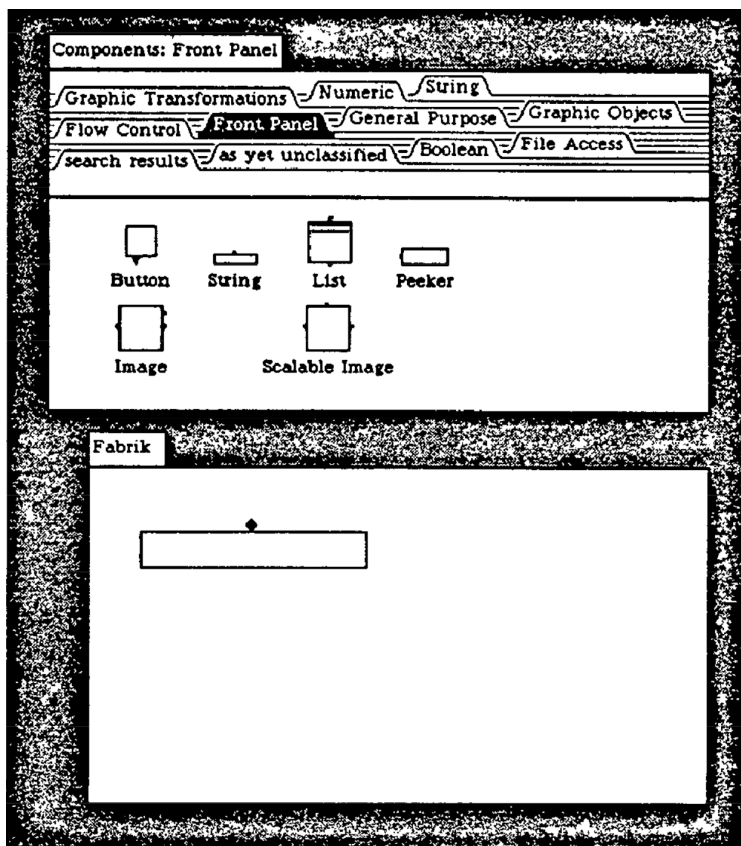# Fabrik: A Visual Programming Environment

Dan Ingalls et al., 1988
Built on Smalltalk (Mac)

User frame

Highlights
• Kit (Primitives, Navigable palette and program, Connectable)
• "Concrete manipulation":
  • Example state always present.
  • Spatial layout and connectivity. ("Visual metaphor" "encompasses" "browsing, testing, connecting" and "using.")
• "User frame"—designate parts of the diagram as external vs. internal.