Whatever Happened to “Augmenting Human Intellect”?  

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FOR

AUGMENTING HUMAN INTELLECT

BY

Douglas C. Engelbart and William K. English,

December 8, 1968
Charles Babbage
1791 – 1871
MINDSTORMS
Children, Computers, and Powerful Ideas

SEYMOUR PAPERT

Frontispiece: LOGO Turtle.

Babbage

Calculation

Bush

Memory

Engelbart

Collaboration

Visualization

Pattern discovery and reasoning
MOSE ABLED

BEA 26:

AN INSTRUMENT/DEVICE FOR HELPING HUMANS TO OPERATE

WITHIN THE DOMAIN OF COMPLEX INFORMATION STRUCTURES

CONTENT REPRESENTS CONCEPTS AND
STRUCTURE REPRESENTS RELATIONSHIPS OF HUMAN-CENTRED DESIGN

GENERALLY, TOO COMPLEX FOR DIRECT HUMAN USE
The dynamic queries interface (Figure 2) provides a visualization of both the query formulation and corresponding results. This application was built using the C programming language.

A map of the District of Columbia area is displayed on the left. The homes that fulfill the criteria set by the user’s current query are shown as yellow dots on the map. Users perform queries, using the mouse, by setting the values of the sliders and buttons in the control panel to the right. The query result is determined by ANDing all sliders and buttons.

Dynamic HomeFinder
Williamson and Schneiderman, 1992
The SII program has existed as a goal-oriented pursuit for many years.


Photo originally from “As We May Think” (Life, September 1945, p. 112–124) by Vannevar Bush. Reproduced and photographed from The New Media Reader (MIT Press, Cambridge, 2003, p. 113), Noah Wardrip-Fruin and Nick Montfort, eds.

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