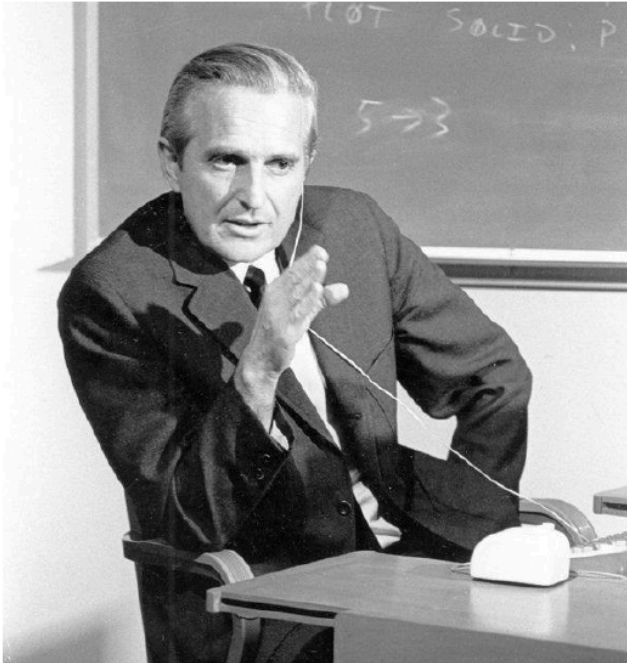# ENGELBART SYMPOSIUM

THE DEMO @ 50

December 9, 2018
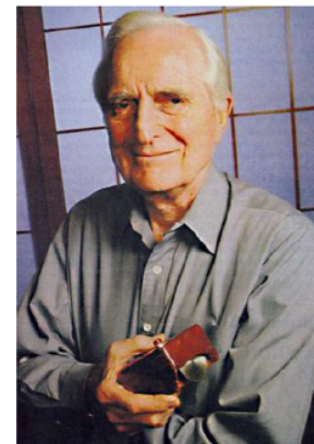
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Engelbart's work represents no less than a revolutionary step for mankind in its capacity to know, communicate, and solve problems collectively. He left us with a rich roadmap - and a challenge - for how humans can expand their intrinsic abilities in concert with the digital medium.

"The key is to accelerate the natural co-evolution of our Tool and Human Systems toward ever-more powerful Augmentation Systems, enabling increasingly effective Collective IQ. I call this strategic approach a Bootstrapping Strategy, an important aspect of which is that the teams that are accelerating the co-evolution use what they are developing in support of their own collective work."
-Doug Engelbart

Program

Opening

8:15   Registration & Continental Breakfast

9:15   Welcome
Marc Weber, Computer History Museum
+ Doug's Unfinished Revolution, Paul Saffo, MC

History

9:30   Doug's 1962 Framework: Augmenting Human Intellect
Gardner Campbell

9:45   The Making of the Demo: The ARC Team Remembers
Jeff Rulifson, Moderator, with Don Andrews, Martin
Hardy, Charles Irby, Christina Engelbart

10:30 *Break*

Impact & Inspiration

10:45 The Demo in Historical Context, Marc Weber, Computer
History Museum

10:55 Impacts and Inspiration
John Markoff, Moderator, with Howard Rheingold,
Andy vanDam, Alan Kay

11:35 Applying the Lessons of the Demo in Today's Online
World: Panel 1
Marc Pesce, Moderator, with Wendy Hall, Peter Norvig

12:15 Motivated by the Demo: Overview of Demo Exhibits
Paul Saffo, MC

12:20 *Lunch & Demos*

Program (cont'd)

Continuing into the Future

1:30   Applying the Lessons of the Demo in Today's Online World:
Panel 2
Tim O'Reilly, Moderator, with Tim Berners-Lee, Brewster
Kahle

2:10   Bootstrapping the Future: Doug's Call to Action
Christina Engelbart

2:25   Case Examples of Bootstrapping
Christina Engelbart, Moderator, with Gardner Campbell,
Stephanie Couch, Brant Cooper

3:05   *Special Commemoration and Break*

3:45   Challenges in Making Interactive Systems More Useful
Vint Cerf

4:00   Through A Doug Lens
Jeff Rulifson, Moderator, with Dan Whaley, Jeff Conklin

4:40   WTF: The Importance of Human/Tool Co-evolution
Tim O'Reilly

4:55   Coming Together for Doug's Grand Challenge
Adam Cheyer

5:10   The Unifying Vision
Ted Nelson

5:25   Closing Remarks
Paul Saffo

5:30   *Reception & Demos*

7:30 End

Demos

Hyperform
N. Dean Meyer, ARC alumnus

Orville
Bob Czech, former contract programmer for Doug.

Ted Nelson: Xanadu
Designer: Theodor Holm Nelson
Programmer: Edward Betts
(Proposed by Nelson in 1972.)

Norm Meyrowitz: Intermedia

Andries (Andy) van Dam
http://cs.brown.edu/people/avandam/
https://en.wikipedia.org/wiki/Andries_van_Dam

Tim Berners-Lee
https://en.wikipedia.org/wiki/Tim_Berners-Lee
Inventor of the World Wide Web.

Collaborama
Adam Cheyer

Liquid Space
Chris Gutteridge and Frode Hegland

HyperKnowledge
Marc-Antoine Parent, Gyuri Lajos, Robert Cunningham

TrailMarks
Gyuri Lajos

Demos (Cont'd)

Knowflow
Timour Shoukine and Irina Antonova

Hypothesis
Dan Whaley

CogNexus
Jeff Conklin
CogNexus Institute

Exaptive
Dave King

Dynamicland
Luke Iannini

AgeAtHome: Experiments in Cognitive Eldercare
DC Martin

Appreciation

Sponsors

Symposium Planning Team

Christina Engelbart, Doug Engelbart Institute
Marc Weber, Computer History Museum
Karen Risa Robbins, Doug Engelbart Institute

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an outstanding replica of Engelbart's 1968 Demo Workstation