Apple Manuals   Apple][Pascal   Apple Macintosh   ][Swyft Card   Canon Cat

Jef Raskin
Information

Jef Raskin's founding Concepts for IAI

DOCUMENT NO. 32

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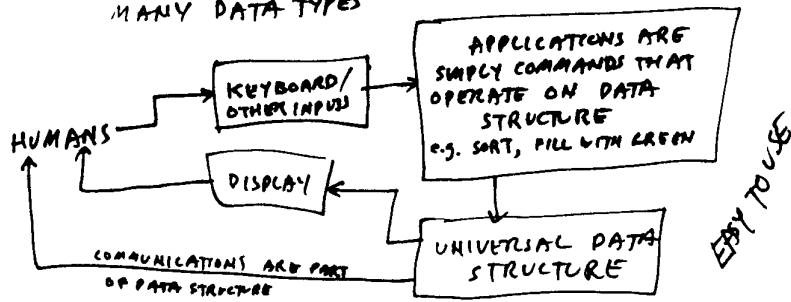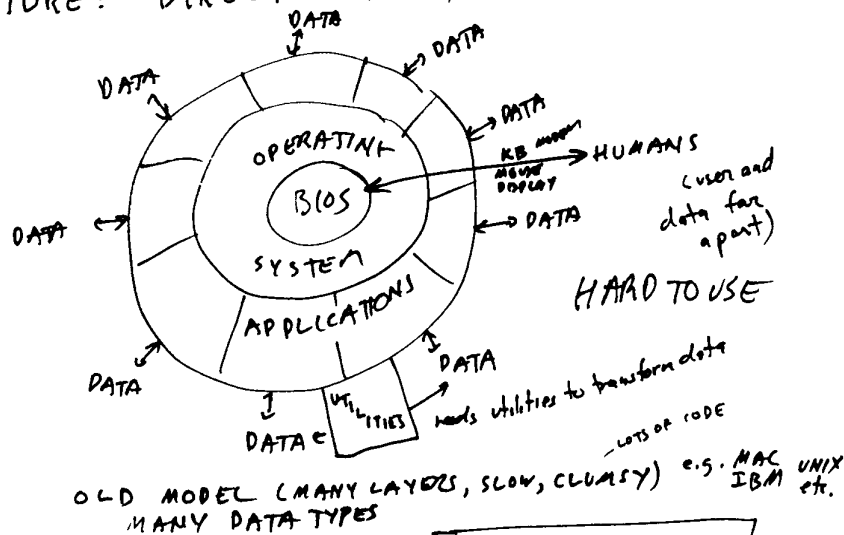Apple Manuals   Apple][Pascal   Apple Macintosh   ][Swyft Card   Canon Cat

"RaskinDoc032_0.PICT" 120 KB 2000-02-21 dpi: 300h x 300v pix: 2079h x 2815v

Programmers at Work   Susan Lammers
1989

A P P E N D I X / J E F   R A S K I N

OLD: ONE COMPUTER — MANY PEOPLE

NOW: ONE COMPUTER — ONE PERSON

FUTURE: ONE PERSON — MANY COMPUTERS

OLD: COMMAND LANGUAGES

NOW: WINDOWS/ICONS/MENUS

FUTURE: DIRECT ACTION

OLD MODEL (MANY LAYERS, SLOW, CLUMSY) e.g. MAC IBM UNIX etc.
MANY DATA TYPES

HARD TO USE

NEW MODEL, NO O.S. FAST, SIMPLE   e.g. SWYFT, CAT

EASY TO USE

These concepts led to starting Information Appliance Inc in 1982
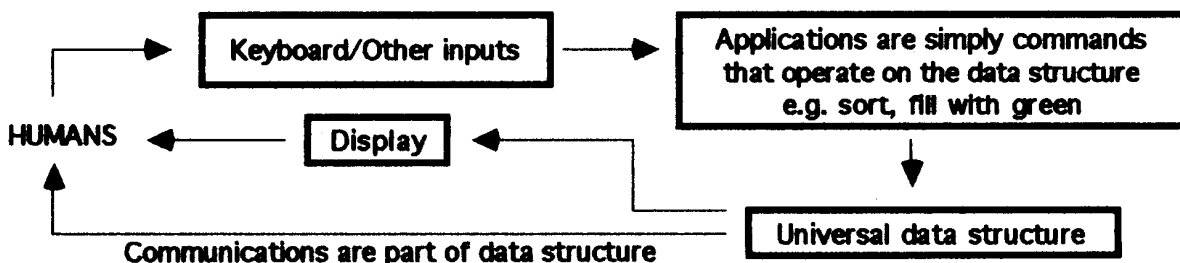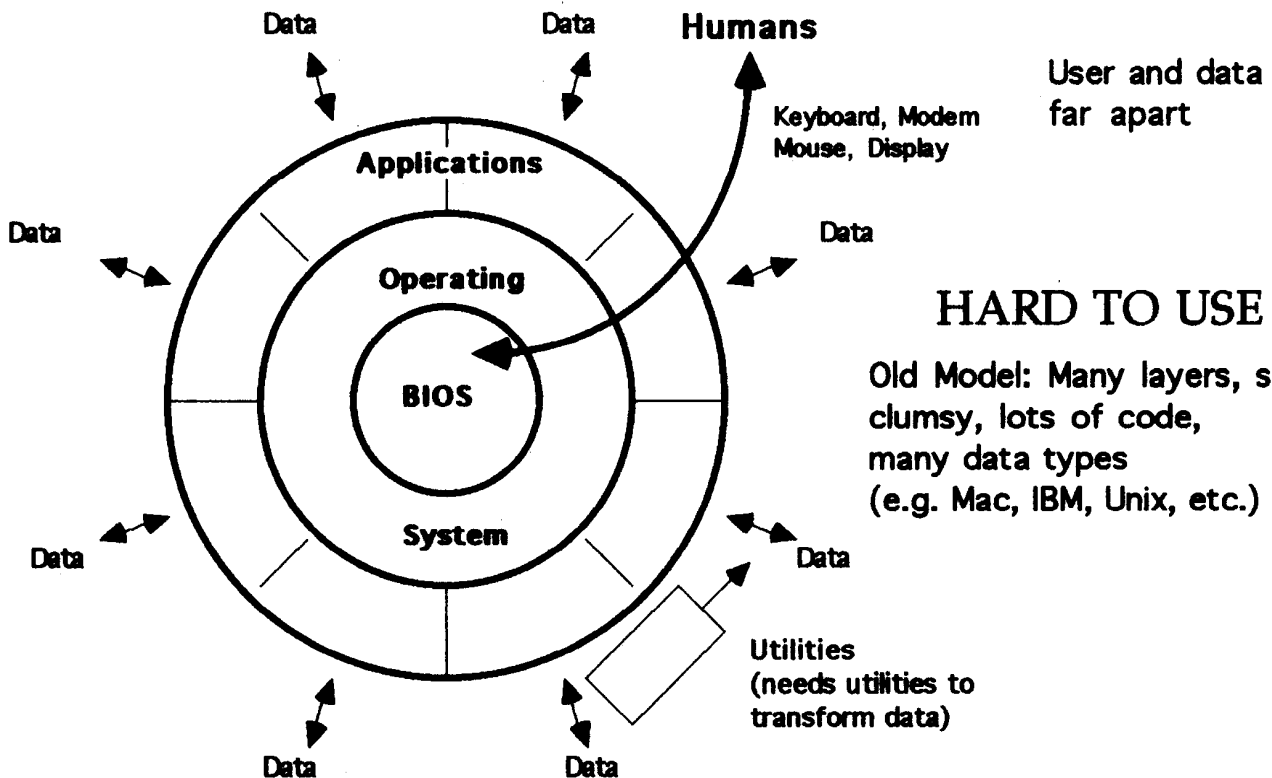
Jef Raskin 1987
hand copied 1989

This sketch from Jef Raskin shows the concepts that led him to start Information Appliance Inc. in 1982.

386

Diagram by Jef Raskin showing the concepts that led him to start Information Appliance Inc. in 1982

Source: Programmers at Work, Susan Lammers, Microsoft Press, 1989, p. 386

OLD: One computer - many people   OLD: Command languages
NOW: One computer - one person   NOW: Windows / icons / menus
FUTURE: One person - many computers   FUTURE: Direct action

Data   Data   **Humans**

Applications

Operating

BIOS

System

Keyboard, Modem
Mouse, Display

Data

Data

User and data far apart

HARD TO USE

Old Model: Many layers, slow, clumsy, lots of code, many data types (e.g. Mac, IBM, Unix, etc.)

Utilities
(needs utilities to transform data)

Data

HUMANS → Keyboard/Other inputs → Applications are simply commands that operate on the data structure e.g. sort, fill with green

Display

Universal data structure

Communications are part of data structure

New Model: No O.S., fast, simple (e.g. Swyft, Cat)

EASY TO USE

*Jef Raskin 1987
and copied 1989*