

- A. Goals
 - 1. How to run conventional DOS applications on SIMON - and understand the limits when you do.
 - 2. How to create applications that have the SIMON look-and-feel.
 - 3. How to create forms and menus without any programming.
- B. System overview
 - 1. Feature summary
 - 2. Hardware features
 - a) The CPU ... think of it as an 8086 PC-AT
 - 1) Interrupts, DMA, Memory, etc...
 - b) LCD
 - 1) CGA text and graphics is possible, but graphics is what's intended.
 - c) The option port
 - 1) Supported options
 - 2) Possible growth
 - d) PCMCIA
 - 1) What's supported and what's not
 - e) Controls
 - f) Cellular
 - g) Modem
 - 3. Software features
 - a) How menus are interconnected
 - b) Phone screens
 - c) Tools screens
- C. Adding software
 - 1. The simplest applications
 - a) The limits of a text screen on SIMON
 - b) Mouse based DOS programs
 - c) Using conventional programs with keyboard aids
 - 1) External keyboards
 - 2) Using a soft keyboard shell program
 - 2. Loading the applications into SIMON
- D. How to use custom software features
 - 1. The simplest Navigator aware HELLO WORLD program
 - 2. The four major functions every application supports
 - a) Saving one's context
 - 3. The Navigator API
 - a) It provides (some) hardware independence
 - b) Brass-tacks... the list of functions...
 - 4. Inter-program communication. Getting others to do work for you.
 - a) Navigating to other applications
 - b) Passing parameters to applications
 - c) Getting results - waiting for a clipboard-like result file.
 - 5. The PCE editor - does work no application should miss.
 - a) Entry style independence
 - b) Fields it can fill in for you.
 - 6. Noteworthy files within
 - a) Naming conventions
 - b) FAX's PCX files
 - c) How to use the CC:Mail mailbox
 - 1) Creating mail to send

- 2) Interpreting mail that's received.
 - d) Adding programs to the main menu
- E. How to use custom hardware features
 - 1. Modem/Phone hardware - Dialing out with data
 - 2. Special interfaces
 - a) Patch area technique
 - b) LED interfaces
 - c) Volume/Paging controls
 - 3. PCMCIA socket and card services support
 - 4. Power management
 - a) Waking up SIMON with things to do