

The development of the Development Common Software is now almost complete.

The performance measurement tools were defined by a working group convened by John Weaver and are now in implementation by Paul Jaries (with help from Bob Ayers in specing the Pilot Log). The breakpoint pair timing facility is complete, documented, and available for use.

Implementation status is as follows:

VFS: Integrated into Pilot 1.0d and released. It does not yet include paging or the deferred file operations listed on Pert20.Sil.

Processes: Integrated and delivered in Mesa 4.0 (No further changes for Pilot 2.0)

Pilot/Mesa: Integrated into Pilot 1.0d and released.

System: completed with Pilot 1.0c

Stream: completed for Pilot 2.0

RigidDisk: A temporary implementation is working pending the real thing from Pitts Jarvis

Initialization: In progress. Not late in relation to the other components.

Other: All other modules are being implemented outside the Pilot group

Coding and unit testing of the other sections (such as communications) can proceed independently using Alto/Pilot as the test bed.

Risks

Problems with the mapping hardware, microcode, or software can cause significant delays.

A plan for testing instruction backout is being executed and should complete on time for Pilot. Page faults from xfer may not back out properly but this feature will not be used in Pilot 2.0 as all frames are locked in real memory.

Pilot Work Plan - D13

The *Pilot Implementation Work Plan* ([Iris] <Lynch>PilotImplWp.memo) will be revised this coming month as a part of the operating plan effort. The symbols on the subtitles refer to tasks planned in that document.

Common Software

Three common software requirements specs have been written and an information interchange meeting held with the Verdi program management. We are in need of drawing these together better. Progress has been slow because of other demands on manpower.

Data Management

No activity other than Peter Bishop's fulltime activity on the DataTalk project under Charles Irby's technical direction.

Pioneer

Jim Anderson has instituted monthly Technical Program Team meetings to be held on the last Thursday of each month. The first meeting was held at XCS on June 29th and the next will be in Palo Alto on July 27th. The venue will alternate.

We need a new work plan. The functional spec is halfway between a requirements spec and a functional spec as there was no requirements spec called for in the work plan. As a result we are not as up to date as it might seem.

Considerable effort has been expended on hiring. Forest Howard will be joining the group on August 21.

The Alto and Ethernet installation is now in place and operational at XCS thanks to Jim Anderson's magic.

The recovery strategy is being re-worked in concert with SDD's plans for Data Management.

Assignments

Bishop: Continue to work on DataTalk

Frاندeen: Start Pioneer design specification

Horsley: Pilot implementation.

Howard: Report to work August 21.

Jalics: Implement the performance evaluation tools.

Lauer: Pilot implementation.

Linden: Come up to speed on Common Software and Data Management.

Lynch: Manage Pilot implementation.

McJones: Pilot implementation

Purcell: Pilot implementation.

Redell: Pilot implementation