

SMALL FILE SERVER

Status and Issues

SOFTWARE STATUS

We have a working SFSAccess program running on Mac (not integrated in the Finder). We have a file server running on a Mac - 400kBytes - with a restricted set of functionality. They use real low-level protocols and interim file transfer protocols. We are in the design phase on maintenance software. In about 2 weeks we plan to have a file server running on a 2/10 and can they entertain alpha users inside Apple 32.

HARDWARE STATUS

We have a strawman design for a digital board that assumes parallel interfaces to disks. We are investigating the Widget interface options (current 12-chip, 4-chip version of current, new interface logic with some processing moved from the Z8 to 68000) as well as what semi-standard would be best for larger disks. Once we settle on these two issues we can revisit the strawman design and maximize it to support these 2 classes of disk controllers vs. cost vs. manufacturability vs. performance.

DESIGN STATUS

The corporate box program had developed a 240x210x70 box. This is too small, but we'd like to adhere to the footprint. It appears that 240x220x125 (same footprint) might be correct - that allows about 70 square inches of digital board. We will get models of this design from Frog for perusal by the appropriate people. Given current semi-precise knowledge we will start heat and RFI analysis.

ISSUES

- * What interface to larger disks, tapes.
- * In larger disk configurations do we leave out the Widget? If not, what does it do?
- * Degree of structuring of file directory on SFS.
- * DB25 - any value for synch communication - backup, mail forwarding, etc.
- * Functionality in direct-connect-to-Mac mode.