

These are the problems we are having or have had with Quantum or with Quantum's systems that have resulted in delays of greater or lesser magnitude. These do not include any unfinished tasks that are a direct part of the Habitat project itself. Those are discussed in the separate task status document.

- It took a long, long time for the Telenet link to be established that enables us to work directly with their system. I requested this during the first week in April. It was not working until the first week in May.

- The Telenet link has flaked out and been unavailable a couple of times due to changes (that broke things) at their end. This cost an odd day of host software work from time to time.

- On various occasions, important directories and files were moved around on their system without notice, causing a couple of lost evenings of work (since we had to wait until the next day to find out what had happened).

- Though we have tried numerous different strategies, we have not been able to establish a means by which the Stratus can reliably receive data files over the phone line, necessitating variously: hand entry of data files, hand correction of corrupted data (on occasions when we "almost" got it transmitted), and transmission of data via the extraordinarily high-tech channel consisting of a magtape in a Federal Express packet. This has caused numerous delays in getting required data to them. In addition, we would be much more productive if we could use our considerably more powerful local systems to edit textfiles here and upload them, instead of having to use the grody Stratus line editor (which is the only editor that works over Telenet).

- Though we understand that it is basically ready, we still lack access to and documentation for "Twiddle", a program Janet has been developing that will allow us to manipulate the Habitat region database ourselves. This means that even the most trivial alteration to the state of the world requires tens of minutes at best and at worst a round of telephone tag lasting hours or days.

- Heavy usage of the production Q-Link system has recently usurped the development Stratus, making it unavailable for our purposes during the late afternoon and evening. This is costing us heavily right now.