

Meeting with Mike Rilee
September 6, 2002

Minutes

(1) Ruler/Worker distinction

Initially there will be no distinction between the ruler and worker. Eventually the simulation will allow a choice to be made between the ruler and worker. The difference between the ruler and worker will be the hardware available. The ruler will have an imager whereas the worker will have a spectrometer. The ruler will also have more system memory available. The ruler and worker will have different actions and goals.

(2) An ideal simulation (errors never occur)

Mike felt that an ideal simulation would be a good idea. The ideal simulation will progress into one where errors will occur and be handled by our system.

(3) Interrupts – any response from the simulation that has arguments (such as an image or a trajectory)

What was previously termed “interrupts” is now sounding like “bus output”. The bus output would consist of data and interrupts.

(4) stderr is standard interrupts

The standard error stream appears to be progressing towards the simulation output in response to unexpected and expected events.

(5) stdout only returns ok or error

The standard output stream returning responses seems reasonable.

(6) Taking pictures?

Taking pictures will be facilitated by an image processing agent. An event with the data will be returned, which we will wrap and sent to the appropriate agent. Some parsing for the event returned may be required.

(7) Look at new system diagram

Mike felt that we would have to work together on treatments. One possibility would be for him to provide treatments to us if necessary. If we manage treatments he will show us how to represent, select and store these treatments.

(8) No prompt for simulation

Mike said that he could remove the prompt from the simulation.

(9) Simulation updates

Standard Error is now available. The simulation will be worked on throughout the day.

Miscellaneous notes:

There will be about 5 or 6 people at the presentation on Monday. Those in attendance will include Mike Johnson (a NASA engineer responsible for instrumentation on several missions), Walt and Mike. Dress for the presentation is “standard NASA dress”.