FMTK – Finitron Multi-Tasking Kernel (Femtiki)

All FMTK functions return a status in $v0 which is normally E\_Ok if the function performed successfully. A second return value is return in $v1 for some functions.

Arguments to FMTK functions are passed in a1 to a6. The function call number is specified in a0.

Timeout values are relative to timeout values for tasks previously on the list. For example, if task 1 times out in 20 ticks and task 2 times out in 30 ticks, the timeout value store for task 2 is 10. Relative timeout values allow the system to operate by decrementing the timeout of the list leader without having to decrement the timeout of other items in the list.