

Turbo Treck InSight

product information

www.elmic.com

Turbo Treck InSight™ Debug Tool is designed for use with Turbo Treck AMX™. It is not a stand-alone debugger, but rather it allows you to make your existing DOS-based debuggers Turbo Treck AMX™ aware.

Most debug tools, including software debuggers and in-circuit emulators, only give access to application information. Details concerning the state of a Turbo Treck AMX™ multitasking system remain hidden because the tools are unaware of the private information maintained by Turbo Treck AMX™. InSight breaks open a Turbo Treck AMX™ application and presents the state of the system on a display screen.

Everything controlled by Turbo Treck AMX™ and its managers is available for review:

- Tasks
- Timers (ticks and milliseconds)
- Mailboxes
- Message exchanges
- Semaphores
- Event groups
- Buffer pools
- Message contents
- Message pools

All messages still queued in mailboxes or message exchanges are visible along with the sender's id. If no messages are present, Turbo Treck InSight™ shows the tasks, if any, which are waiting for a message to arrive. Turbo Treck InSight™ shows which tasks own resources and which ones are waiting for them.

The state of all events in each event group can be viewed complete with a list of the tasks waiting for specific event combinations. The memory histogram gives a snapshot of current allocation by the Memory Manager. Unexpected fragmentation is readily observable. Similarly, free and used buffers are shown for each buffer pool.

Using Turbo Treck InSight™, there are no surprises, there's no guessing. Disappearing resources can be uncovered. Unexpected task activity and timing effects are exposed. Even stack overflow and underflow can be observed.

Turbo Treck InSight™ will work only with Turbo Treck AMX™ 86.

For more information, please visit www.elmic.com or email sales@elmic.com.



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