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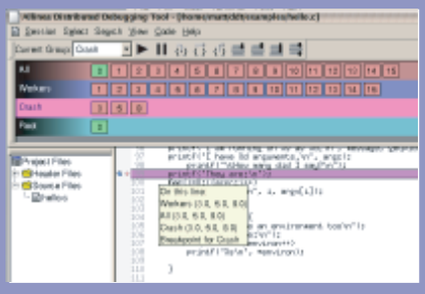
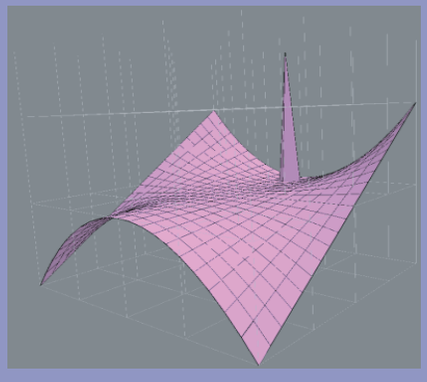
SCALE TO NEW HEIGHTS

THE DISTRIBUTED DEBUGGING TOOL (DDT)



Intuitive interface

DDT has been designed to make debugging even the most complex parallel solutions easier, faster and more efficient



Versatile array visualization

Unrivalled 3-D visualization capabilities zoom, spin and even view in stereo

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allinea ddt

the distributed debugging tool

A revolution in debugging

The Distributed Debugging Tool is a comprehensive graphical debugger for scalar, multi-threaded and large-scale parallel applications

DDT puts you in control of your application, whether you are working with a workstation or a thousand processor high-performance cluster

DDT has the industry's best parallel debugger interface: one screen to control hundreds of processes - all at the click of a button

Supports all major MPIs, OpenMP and queueing systems

Incredibly intuitive, with no scripting language to learn

Easy to use, powerful and inexpensive

Advanced C, C++, Fortran and Fortran 95 support

DDT saves time, frustration and money

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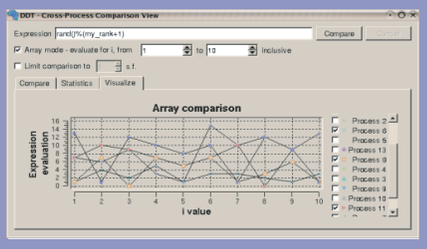
allinea ddt

the distributed debugging tool

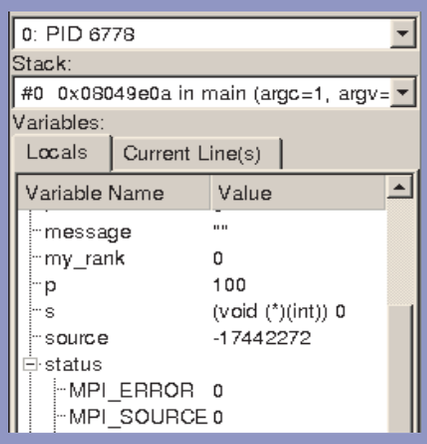
Scalable, versatile, intuitive

- Group processes by task with drag-and-drop
- Run and step processes in groups with real-time visual feedback
- Define breakpoints and synchronization points by groups
- Navigate through local variables, stack frame and complex data structures with ease
- View variables on selected program lines in a single window
- Automatic display of project source files with syntax highlighting
- Visualize slices of multidimensional arrays using OpenGL graphics
- Message queue analysis to detect program deadlock
- Compare values across groups of processes: statistically, graphically and automatically by equivalence
- Attach to running processes, launch MPI jobs through the GUI , or let DDT submit your job to your favourite batch scheduler
- NEW in DDT v1.8: advanced Fortran 95 support, including derived data types, allocatable arrays, modules, character variables and kinds



Rapid problem finding

DDT automatically analyses values across processors



Examine data

Viewing structures and pointers could not be simpler

Compatibility

- Available for a growing list of operating systems, including IBM AIX and Linux on Power, HP-UX, Linux, SGI Altix, SGI IRIX and Sun Solaris
- Support for the latest processors and platforms: AMD64, EM64T, IA32, IA64, Power, UltraSPARC, PA-RISC and MIPS
- Compatible with compilers from all major vendors – including Absoft, IBM, Intel, Pathscale, Portland Group, Sun - and the GNU compiler suite

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