Oracle vs Sybase **Process Non-architecture vs Architecture • Internal**



Derek Ignatius Asirvadem • 15 Jun 24

Copyright © 2014 Software Gems Pty Ltd

Oracle vs Sybase **Process Non-architecture vs Architecture • Unix Level**





Oracle vs Sybase Architecting the Processes





Taming the Circus

Derek Ignatius Asirvadem • 15 Jun 24

Copyright © 2014 Software Gems Pty Ltd

Oracle vs Sybase Threaded Process Non-architecture vs Threaded Architecture





- the progression of insanity, but it requires an A3 page.
- No Thread pooling or limiting is provided, Thread saturation is "normal", an additional, new point of contention, a "feature".
- As always, in order to misrepresent the product, Oracle has private definitions of technical terms. The latest is their use of "multi-threaded" which alludes to Threads. The misrepresentation is to hide the fact that Oracle has never had, and this version does not have, Multi-Threading. Any Multi-Threaded operation that the thousands of competing Unix Processes (or the competing o/s Threads) do obtain, is provided outside Oracle, by Unix.
- · Their introduced confusion re "Unix process" vs "Oracle process", to obfuscate "function" is noted, but not expanded. Another simple lie to keep the natives stupid and confused.
- Selecting a machine configuration that handles thousands of processes (trillions of Context Switches) is best
- The more Threads (or Cores, etc), the merrier: there will never be "enough".

For further information, visit Brian Ceccarelli's Oracle Facts 1& Oracle Facts 2. (His website is defunct, links to saved PDFs.) Note that the precision and order above is for diagramming convenience only; no precision or order in Oracle is suggested.

Processes, an architected replacement for the Oracle Dedicated non-server would be

communication; and Inter-process contention management ... all fighting over (eg) at

It eliminates: 1000 User Processes; 60-100 Background Processes; Inter-process

1 Unix Process with 8 Threads.

least 128 Threads.