

Samara Technology Group Plug In String and Data Movement Libraries

Executive Summary

String and memory movement libraries are at the heart of all applications involving copying or text. Samara's faster plug in libraries let you optimize your system with zero engineering effort. You can use them to speed up existing binary executables – your own or critical 3rd party software – simply by installing. Or build them right into your application. The new functions seamlessly replace the slower ones. ***You never need to change your source code from standard system calls.***

Whether it's faster kernel operation or better compile times, chances are your system can benefit from better local data movement. And better local movement means faster transfer times for multi-core systems too, because the time to move local data into communications infrastructure is critical, especially for such operations as MPI ping-pong.

Only the Samara Technology Group can deliver high performance data movement and string libraries for the full breadth of today's Linux computing world: from small mobile platforms like MIPS, Atom and ARM to the worlds largest cluster platforms like Nehalem, Power and PPC.

