Glibc 2.34 and Going Beyond GNU Core Utils

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With the exciting "HWCAPS" feature of Glibc 2.33+ allowing for optimized versions of libraries to be more easily deployed on Linux systems, diagnosing issues around it can be a bit more complicated but on the way for Glibc 2.34 is a welcome improvement to help in such issues.

Merging this week for the dynamic link (ld.so) in Glibc 2.34 is a --list-diagnostics option. This new option will provide a system dump of information around the glibc-hwcaps sub-directory selection as well as IFUNC resolver operation and other CPU/system details. This can be useful for ensuring the desired HWCAPS path is actually being used on a given system and other information for diagnosing bugs or other problems with this more complicated handling but performance beneficial HWCAPS feature. The IFUNC "indirect function" resolver behavior is similarly important at run-time.

Moreutils ? An Extension of GNU Core Utilities

As you may know, I am a huge proponent of the GNU Core Utilities. I believe the tools included are required learning for any new Linux admin. Although it offers important everyday commands such as touch, head, basename, tail and many more, it cannot provide a tool for everything. This is where moreutils comes in. It provides some additional utilities that every Linux Admin or DevOps Engineer could use. In this article we will show you how to install the moreutils package and give a brief description of it?s packages.

[...]
Below is a list of utilities included in the moreutils package. Some Linux distributions do not include all the utilities in their package. So you may or may not have all of the commands listed below.

Source URL:  http://www.tuxmachines.org/node/148532

Links: