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## Difference between Linux and Solaris

Both Linux and Solaris are flavors of UNIX. Solaris is the form of Unix customized by Sun Microsystems. It is now acquired by Oracle Corporation. Linux is an open source. It is now being customized by many different companies like Oracle Corporation, Red Hat, SuSe, Debian etc. Some Unix commands are common to both Linux and Solaris whereas some commands differ.

Lets find out some differences between Linux and Solaris.

- The first Solaris OS was released in 1983 while Linux was first released in 1991. Solaris OS started as proprietary software and recently moved to freeware while Linux started as open source freeware.
- Linux boasts a smaller kernel and its code was rewritten from the ground up while Solaris was originally based on Berkeley UNIX or BSD. With the release of SunOS 5 (see version changes) Sun switched from a BSD based OS to a SRV4 based OS. For a chronological relational list showing 100's of the major names in UNIX.
- In 1991 with the release of SunOS 5, Sun renamed their product Solaris 2 and later releases were versioned 2.6, 2.7, 2.8, etc. Sun again changed the way they versioned their product after 2.6 by dropping the 2 and simply using Solaris 6, Solaris 7, until the current release of Solaris 10.
- Solaris was originally a proprietary product and operated strictly on SPARC platforms while Linux operates on x86 platforms. Solaris now supports x86 platforms in addition to SPARC. Solaris also boasts full Linux compatibility.
- Solaris UNIX is trademarked by The Open Group and Linux is not.

