

What is the difference between something that is buffered vs. cached?

A buffer is something that has yet to be "written" to disk. A cache is something that has been "read" from the disk and stored for later use.

Buffers are allocated by various processes to use as input queues, etc. A simplistic explanation of buffers is that they allow processes to temporarily store input in memory until the process can deal with it.

Cache is typically frequently requested disk I/O. If multiple processes are accessing the same files, much of those files will be cached to improve performance (RAM being so much faster than hard drives). current rating:

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image:rdf newsfeed / //static.linuxhowtos.org/data/rdf.png (null)
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image:rss newsfeed / //static.linuxhowtos.org/data/rss.png (null)
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image:Atom newsfeed / //static.linuxhowtos.org/data/atom.png (null)
- Powered by
image:LeopardCMS / //static.linuxhowtos.org/data/leopardcms.png (null)
- Running on
image:Gentoo / //static.linuxhowtos.org/data/gentoo.png (null)
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image:Valid XHTML1.1 / //static.linuxhowtos.org/data/xhtml1.png (null)
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image:buttonmaker / //static.linuxhowtos.org/data/buttonmaker.png (null)
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Time to create this page: ms
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image:system status display / /status/output.jpg (null)
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