

# Torvalds Is Unconvinced By LTO'ing A Linux Kernel

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LTO'ing the Linux kernel has the potential of reducing the size of the Linux kernel image along with generating a faster and more efficient binary. Link-time optimizations within GCC allow the whole program to be optimized at link-time stage across the entire binary. Previous results showed that an LTO'ed kernel could be over 10% smaller in size and a few percent faster by optimizing the kernel in this manner, but it currently results in much greater system memory usage and a much longer compilation process.

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**Source URL:** <http://www.tuxmachines.org/node/64817>

## Links:

[1] <http://www.tuxmachines.org/taxonomy/term/63>

[2] [http://www.phoronix.com/scan.php?page=news\\_item&px=MTY1OTg](http://www.phoronix.com/scan.php?page=news_item&px=MTY1OTg)