

Published on *Tux Machines* (<http://www.tuxmachines.org>)

[Home](#) > [content](#) > 64-bit OS written entirely in assembly

64-bit OS written entirely in assembly

By *srlinuxx*

Created 27/05/2011 - 9:11pm

Submitted by srlinuxx on Friday 27th of May 2011 09:11:36 PM Filed under [OS](#) [1]



The folks at Return Infinity just released a new version of their BareMetal OS, a 64-bit operating system written entirely in assembly.

The goal of the BareMetal project, which includes a stripped-down bootloader and a cluster computing platform is to get away from the inefficient obfuscated machine code generated by higher level languages like C/C++ and Java. By writing the OS in assembly, runtime speeds are increased, and there?s very little overhead for when every clock cycle counts.

[Rest here](#) [2]

[OS](#)

Source URL: <http://www.tuxmachines.org/node/52850>

Links:

[1] <http://www.tuxmachines.org/taxonomy/term/37>

[2] <http://hackaday.com/2011/05/27/64-bit-os-written-entirely-in-assembly/>