

[PAGE CONTENTS](#)[Software](#)[OS](#)[Help](#)[TAGS](#)[requirementsinstallationsetuplinux](#)[TALK](#)[View Discussion](#)[LAST EDITED BY](#)[Guybrush](#)

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Software

Processor with SSE2 support

Boost \geq 1.71MySQL \geq 5.7.0OpenSSL \geq 1.x.xCMake \geq 3.18.4Clang \geq 11 (heavy recommended, especially on master branch) or GCC \geq 10zlib \geq 1.2.7**Note:**

While compiling you may get an error like:

`c++: internal compiler error: Killed (program cc1plus)`

Reasons for this might be:

- Low ram/swap amount: increase ram/swap to a minimum of 2GB of ram and 2GB of swap or decrease the amount of make -j to 1 (more concurrent compile threads = more memory usage). (you can get this using VPS servers)
- SELinux/grsecurity/Hardened kernel: Kernels that use ASLR as a security measure tend to mess up GCC's precompiled header implementation. Try using an unhardened kernel (without ASLR), or compiling using clang, or gcc without pch. (you can get this issue when using OVH hosting).

Your server may be abruptly killed by an angry administrator, system staff, or system restrictions for overuse of system resources. You may see something like:

`collect2: fatal error: ld terminated with signal 9 [Killed] compilation terminated.`

You will need to use less jobs (make -j1) or increase swap.

OS

- [Debian based distributions](#)

- [Fedora based distributions \(outdated\)](#)
- [Red Hat based distributions outdated](#)
- [Arch Linux based distributions outdated](#)

(heavy recommended debian stable, it's the distribution we use to set minimum requirements)

Recommendation: Use apt-get with stable source list instead of install packages. We recommend the latest stable version of your distribution. We usually update requirements to the latest stable Debian version. Avoid mixing stable with experimental packages as it may break your linux OS.

Debian 11.x (you will need to use su to install the packages)

```
apt-get update
apt-get install git clang cmake make gcc g++ libmariadb-dev libssl-dev libbz2-dev libreadline-dev
libncurses-dev libboost-all-dev mariadb-server p7zip default-libmysqlclient-dev
update-alternatives --install /usr/bin/cc cc /usr/bin/clang 100
update-alternatives --install /usr/bin/c++ c++ /usr/bin/clang 100
```

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Ubuntu 22.04 (you will need to use sudo to install the packages)

```
apt-get update
apt-get install git clang cmake make gcc g++ libmysqlclient-dev libssl-dev libbz2-dev libreadline-
dev libncurses-dev libboost-all-dev mysql-server p7zip
update-alternatives --install /usr/bin/cc cc /usr/bin/clang 100
update-alternatives --install /usr/bin/c++ c++ /usr/bin/clang 100
```

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Anything under this is not tested by TrinityCore developers.

Not supported: Debian 10 or lower. Ubuntu 20.04 or lower.

AVOID CentOS.

If you have an old Ubuntu version, follow <https://help.ubuntu.com/community/Upgrades> steps to upgrade it.

Help

If you still have any problem, check:

Updating or starting with TrinityCore issues, Trouble with your TrinityCore Install / Readme 1st / FAQs

Ask help on the Forum

If you still have problems, you can try to ask help on IRC, but remember it's not real time 24/7 support, most of people there lives on GMT and they can be sleeping or working.