

测试环境信息

操作系统: Ubuntu 22.04.1 LTS

编译环境: g++(gcc version 11.3.0)、make(GNU Make 4.3)、zsh 5.8.1 (x86_64-ubuntu-linux-gnu)


```
> g++ -v
g++ -v
Using built-in specs.
COLLECT_GCC=g++
COLLECT_LTO_WRAPPER=/usr/lib/gcc/x86_64-linux-gnu/11/lto-wrapper
OFFLOAD_TARGET_NAMES=nvptx-none:amdgc-n-amdhsa
OFFLOAD_TARGET_DEFAULT=1
Target: x86_64-linux-gnu
Configured with: ../src/configure -v --with-pkgversion='Ubuntu 11.3.0-1ubuntu1~22.04' --with-bugurl=file:///usr/share/doc/gcc-11/README.Bugs --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --prefix=/usr --with-gcc-major-version-only --program-suffix=-11 --program-prefix=x86_64-linux-gnu- --enable-shared --enable-linker-build-id --libexecdir=/usr/lib --without-included-gettext --enable-threads=posix --libdir=/usr/lib --enable-nls --enable-bootstrap --enable-clocale=gnu --enable-libstdc++-debug --enable-libstdc++-time=yes --with-default-libstdc++-abi=new --enable-gnu-unique-object --disable-vtable-verify --enable-plugin --enable-default-pie --with-system-zlib --enable-libphobos-checking=release --with-target-system-zlib=auto --enable-objc-gc=auto --enable-multiarch --disable-werror --enable-cet --with-arch=32=i686 --with-abi=m64 --with-multilib-list=m32,m64,mx32 --enable-multilib --with-tune=generic --enable-offload-targets=nvptx-none=/build/gcc-11-xKiWfi/gcc-11-11.3.0/debian/tmp-nvptx/usr,amdgc-n-amdhsa=/build/gcc-11-xKiWfi/gcc-11-11.3.0/debian/tmp-gcn/usr --without-cuda-driver --enable-checking=release --build=x86_64-linux-gnu --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-build-config=bootstrap-lto-lean --enable-link-serialization=2
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 11.3.0 (Ubuntu 11.3.0-1ubuntu1~22.04)
```

```
> make -v
make -v
GNU Make 4.3
Built for x86_64-pc-linux-gnu
Copyright (C) 1988-2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
```

```
> neofetch | lolcat
      .-/+00ssss00+/-.\
    `:+ssssssssssssssss+`
      -+ssssssssssssssssyyssst+
    .0sssssssssssssssssdMMNMyssso.
    /sssssssssshdmmNNmmyNMMMMhsssss/
    +ssssssssshmydMMMMMMMMddddyssssst+
    /ssssssssshNMMMyhhyyyymNMMNhssssss/
    .sssssssdMMNhsssssssssshNMMMdsssssss.
    +ssssshhyNMMNMysssssssssyNMMMyssssst+
    ossyNMMNMyMMhsssssssssssshmmhssssso
    ossyNMMNMyMMhsssssssssssshmmhssssso
    +ssssshhyNMMNMysssssssssyNMMMyssssst+
    .sssssssdMMNhsssssssssshNMMMdsssssss.
    /ssssssssshNMMMyhhyyyhdNMMNhssssss/
    +sssssssdmydMMMMMMMMddddyssssst+
    /ssssssssshdmmNNNMyNMMMMhsssss/
    .0sssssssssssssssdMMNMyssso.
    -+ssssssssssssssssyyssst+
    `:+ssssssssssssssst+`
      .-/+00ssss00+/-.\
```

lr152@LAPTOP-V351JDD8

OS: Ubuntu 22.04.1 LTS on Windows 10 x86_64
 Kernel: 5.15.79.1-microsoft-standard-WSL2
 Uptime: 7 hours, 20 mins
 Packages: 853 (dpkg), 6 (snap)
 Shell: zsh 5.8.1
 Terminal: tmux
 CPU: AMD Ryzen 7 5800H with Radeon Graphics (16) @ 3.193GHz
 GPU: 9ee3:00:00.0 Microsoft Corporation Device 008e
 Memory: 1636MiB / 7878MiB



🔧 /mnt/d/UESTC/C++/sql/SplaySql 🐱 master !6 ?7 ✓ 3s 0.06 5.86G 20:35:34