#### Linux/Ubuntu下安装Code::blocks

- 1. sudo add-apt-repository ppa:damien-moore/codeblocks-stable
- 2. sudo apt-get update
- 3. sudo apt-get install codeblocks
- 4. terminal 键入: codeblocks

#### Linux/Ubuntu下安装Code::blocks

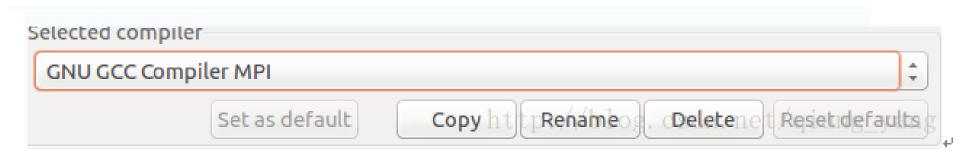
- 如出现下面的问题:
  - ➤无法获得锁 /var/lib/dpkg/lock open (11: 资源暂时不可用)
  - ▶无法锁定管理目录(/var/lib/dpkg/),是否有其他进程正占用它?
- ●强制解锁命令
  - > sudo rm /var/cache/apt/archives/lock
  - ➤ sudo rm /var/lib/dpkg/lock

#### Ubuntu 安装 MPICH

- sudo apt-get install mpich
- https://www.cnblogs.com/leijin0211/p/6851675.html

### Ubuntu下配置Code::block来编译MPI程序

在codeblock的Setting下选中compiler,然后选中Selected Compiler下的Copy按钮,重命名一个新的编译器为GNU GCC CompilerMPI



### Ubuntu下配置Code::block来编译MPI程序

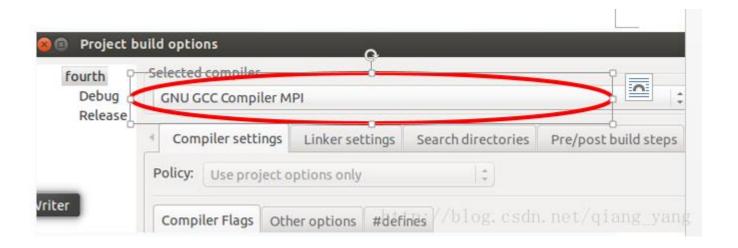
2. 在Toolchain executables下选择你安装的mpi的编译器

Compiler settings	Linker settings	Search director	rie	Toolchair	n executables	)
Compiler's installation d	rectory					
/usr/local/MPICH					Auto-detect	>
NOTE: All programs bel any of the "Additional p	ew, muct exist eit aths"	her in the "hin" cut	direct	tory of thi	s path or in	
any or the Additional p						
Program Files Additio	nal Paths					
C compiler:	mpicc					
C++ compiler:	mpicxx					
Linker for dynamic libs	mpicxx					
Linker for static libs:	ar					
Debugger:	GDB/CDB debug	ger : Default			-	
Resource compiler:						
Make program:	make					
					/diang_va	

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## Ubuntu下配置Code::block来编译MPI程序

 在project选项下选Build option,将compiler选择为自己刚 刚新建的mpi compiler



# Visual Studio下编写MPI程序

1. 安装配置MPI

https://blogs.technet.microsoft.com/windowshpc/2015/02/02/how-to-compile-and-run-a-simple-ms-mpi-program/

2. 可能出现的预编译头: pch.h的问题

https://blog.csdn.net/faithfulzl/article/details/86100727

3. VS中使用sprintf的问题

https://www.cnblogs.com/douzi2/p/3974959.html