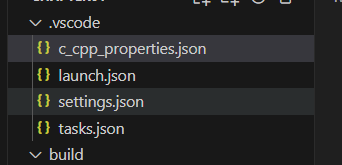
下载ming64，解压

<https://sourceforge.net/projects/mingw-w64/files/Toolchains%20targetting%20Win64/Personal%20Builds/mingw-builds/8.1.0/threads-posix/seh/x86_64-8.1.0-release-posix-seh-rt_v6-rev0.7z/download>

在vs code 的.vscode创建tasks.json。



然后分别输入一下内容：

## Cpp:

{

"configurations": [

{

"name": "Win32",

"includePath": [

"${workspaceFolder}/\*\*"

],

"defines": [

"\_DEBUG",

"UNICODE",

"\_UNICODE"

],

"compilerPath": "E:/c++/mingw64/bin/g++.exe",

"cStandard": "c11",

"cppStandard": "c++17",

"intelliSenseMode": "windows-gcc-x64"

}

],

"version": 4

}

## Task:

{

"version": "2.0.0",

"tasks": [

{

"type": "cppbuild",

"label": "C/C++: g++ build active file",

"command": "E:/c++/mingw64/bin/g++.exe",

"args": [

"-fdiagnostics-color=always",

"-g",

"${file}",

"-o",

"${fileDirname}/${fileBasenameNoExtension}.exe"

],

"options": {

"cwd": "${workspaceFolder}"

},

"problemMatcher": [

"$gcc"

],

"group": {

"kind": "build",

"isDefault": true

},

"detail": "编译器: E:/c++/mingw64/bin/g++.exe"

}

]

}

## Launch:

{

"version": "0.2.0",

"configurations": [

{

"name": "g++.exe - Build and debug active file",

"type": "cppdbg",

"request": "launch",

"program": "${fileDirname}/${fileBasenameNoExtension}.exe",

"args": [],

"stopAtEntry": false,

"cwd": "${workspaceFolder}",

"environment": [],

"externalConsole": true,

"MIMode": "gdb",

"miDebuggerPath": "E:/c++/mingw64/bin/gdb.exe",

"setupCommands": [

{

"description": "Enable pretty printing for gdb",

"text": "-enable-pretty-printing",

"ignoreFailures": true

},

{

"description": "Set disassembly flavor to Intel",

"text": "-gdb-set disassembly-flavor intel",

"ignoreFailures": true

}

],

"preLaunchTask": "C/C++: g++ build active file"

}

]

}

## Setting:

{

"files.associations": {

"iostream": "cpp",

"ostream": "cpp",

"array": "cpp",

"atomic": "cpp",

"\*.tcc": "cpp",

"cctype": "cpp",

"clocale": "cpp",

"cmath": "cpp",

"cstdarg": "cpp",

"cstddef": "cpp",

"cstdint": "cpp",

"cstdio": "cpp",

"cstdlib": "cpp",

"cwchar": "cpp",

"cwctype": "cpp",

"deque": "cpp",

"unordered\_map": "cpp",

"vector": "cpp",

"exception": "cpp",

"algorithm": "cpp",

"memory": "cpp",

"memory\_resource": "cpp",

"optional": "cpp",

"string": "cpp",

"string\_view": "cpp",

"system\_error": "cpp",

"tuple": "cpp",

"type\_traits": "cpp",

"utility": "cpp",

"fstream": "cpp",

"initializer\_list": "cpp",

"iosfwd": "cpp",

"istream": "cpp",

"limits": "cpp",

"new": "cpp",

"sstream": "cpp",

"stdexcept": "cpp",

"streambuf": "cpp",

"typeinfo": "cpp",

"ctime": "cpp"

},

"C\_Cpp\_Runner.cCompilerPath": "E:/c++/mingw64/bin/g++.exe",

"C\_Cpp\_Runner.cppCompilerPath": "E:/c++/mingw64/bin/g++.exe",

"C\_Cpp\_Runner.debuggerPath": "E:/c++/mingw64/bin/gdb.exe",

"C\_Cpp\_Runner.cStandard": "c11",

"C\_Cpp\_Runner.cppStandard": "c++17",

"C\_Cpp\_Runner.msvcBatchPath": "C:/Program Files/Microsoft Visual Studio/VR\_NR/Community/VC/Auxiliary/Build/vcvarsall.bat",

"C\_Cpp\_Runner.useMsvc": false,

"C\_Cpp\_Runner.warnings": [

"-Wall",

"-Wextra",

"-Wpedantic",

"-Wshadow",

"-Wformat=2",

"-Wcast-align",

"-Wconversion",

"-Wsign-conversion",

"-Wnull-dereference"

],

"C\_Cpp\_Runner.msvcWarnings": [

"/W4",

"/permissive-",

"/w14242",

"/w14287",

"/w14296",

"/w14311",

"/w14826",

"/w44062",

"/w44242",

"/w14905",

"/w14906",

"/w14263",

"/w44265",

"/w14928"

],

"C\_Cpp\_Runner.enableWarnings": true,

"C\_Cpp\_Runner.warningsAsError": false,

"C\_Cpp\_Runner.compilerArgs": [],

"C\_Cpp\_Runner.linkerArgs": [],

"C\_Cpp\_Runner.includePaths": [],

"C\_Cpp\_Runner.includeSearch": [

"\*",

"\*\*/\*"

],

"C\_Cpp\_Runner.excludeSearch": [

"\*\*/build",

"\*\*/build/\*\*",

"\*\*/.\*",

"\*\*/.\*/\*\*",

"\*\*/.vscode",

"\*\*/.vscode/\*\*"

],

"C\_Cpp\_Runner.useAddressSanitizer": false,

"C\_Cpp\_Runner.useUndefinedSanitizer": false,

"C\_Cpp\_Runner.useLeakSanitizer": false,

"C\_Cpp\_Runner.showCompilationTime": false,

"C\_Cpp\_Runner.useLinkTimeOptimization": false,

"C\_Cpp\_Runner.msvcSecureNoWarnings": false

}

完成后能运行，但是终端跳出来，而且会乱发，下一步解决

Launch:

{

"version": "0.2.0",

"configurations": [

{

"name": "g++.exe - Build and debug active file",

"type": "cppdbg",

"request": "launch",

"program": "${fileDirname}/${fileBasenameNoExtension}.exe",

"args": [],

"stopAtEntry": false,

"cwd": "${workspaceFolder}",

"environment": [],

"externalConsole": false,

"MIMode": "gdb",

"miDebuggerPath": "E:/c++/mingw64/bin/gdb.exe",

"setupCommands": [

{

"description": "Enable pretty printing for gdb",

"text": "-enable-pretty-printing",

"ignoreFailures": true

},

{

"description": "Set disassembly flavor to Intel",

"text": "-gdb-set disassembly-flavor intel",

"ignoreFailures": true

}

],

"preLaunchTask": "C/C++: g++ build active file",

"console": "integratedTerminal" // 显式指定使用集成终端

}

]

}

Task：  
{

"version": "2.0.0",

"tasks": [

{

"type": "cppbuild",

"label": "C/C++: g++ build active file",

"command": "E:/c++/mingw64/bin/g++.exe",

"args": [

"-fdiagnostics-color=always",

"-g",

"-fexec-charset=UTF-8", // 确保输出编码为 UTF-8

"${file}",

"-o",

"${fileDirname}/${fileBasenameNoExtension}.exe"

],

"options": {

"cwd": "${workspaceFolder}"

},

"problemMatcher": [

"$gcc"

],

"group": {

"kind": "build",

"isDefault": true

},

"detail": "编译器: E:/c++/mingw64/bin/g++.exe"

}

]

}

如果还是报错，则Cpp可能变了，重新用回之前的代码：{

"configurations": [

{

"name": "Win32",

"includePath": [

"${workspaceFolder}/\*\*"

],

"defines": [

"\_DEBUG",

"UNICODE",

"\_UNICODE"

],

"compilerPath": "E:/c++/mingw64/bin/g++.exe",

"cStandard": "c11",

"cppStandard": "c++17",

"intelliSenseMode": "windows-gcc-x64"

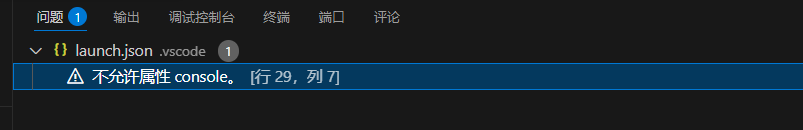
}

],

"version": 4

}

此时可能会出现以下问题：



，则继续修改launch:

{

"version": "0.2.0",

"configurations": [

{

"name": "g++.exe - Build and debug active file",

"type": "cppdbg",

"request": "launch",

"program": "${fileDirname}/${fileBasenameNoExtension}.exe",

"args": [],

"stopAtEntry": false,

"cwd": "${workspaceFolder}",

"environment": [],

"externalConsole": false,

"MIMode": "gdb",

"miDebuggerPath": "E:/c++/mingw64/bin/gdb.exe",

"setupCommands": [

{

"description": "Enable pretty printing for gdb",

"text": "-enable-pretty-printing",

"ignoreFailures": true

},

{

"description": "Set disassembly flavor to Intel",

"text": "-gdb-set disassembly-flavor intel",

"ignoreFailures": true

}

],

"preLaunchTask": "C/C++: g++ build active file"

}

]

}