

The background is a vibrant, abstract composition of various geometric shapes. A large, central orange circle serves as the primary focus, containing the text. Surrounding it are numerous other shapes in yellow, blue, green, and grey, including circles of different sizes and elongated, pill-like forms. Some shapes are solid, while others are semi-transparent, creating a layered, dynamic effect. The overall aesthetic is modern and playful.

Install Allegro



Outline

01

Mac install

02

Windows install

03

Common problem



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MAC Allegro install

- MAC install tutorial(Recommended):
<https://hackmd.io/@Jiza/BkZ5a5yL2>
 - Please follow the tutorial step by step
- Xcode allegro install(thanks to Tunchin Kao)
 - <https://www.youtube.com/watch?v=QZdHjFQUQP0>

MAC Allegro install

- 注意事項:
 - 如果編譯時出現 `mac_main.c unicode error`，請將整個檔案重新寫一遍。
 - `template` 和 `tutorial` 的 `makefile` 請在確認路徑後使用，編譯時使用該路徑底下的 `makefile`，
 - 請注意編譯 `task7_ans.c` 的時候，`makefile` 的內容要更換，詳請請見 `hackmd` 連結。
 - 如果出現 `pkg-config`無法找到`allegro library`的位置，請在編譯前在終端機輸入：
`export PKG_CONFIG_PATH=/usr/local/lib/pkgconfig`



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Common problem

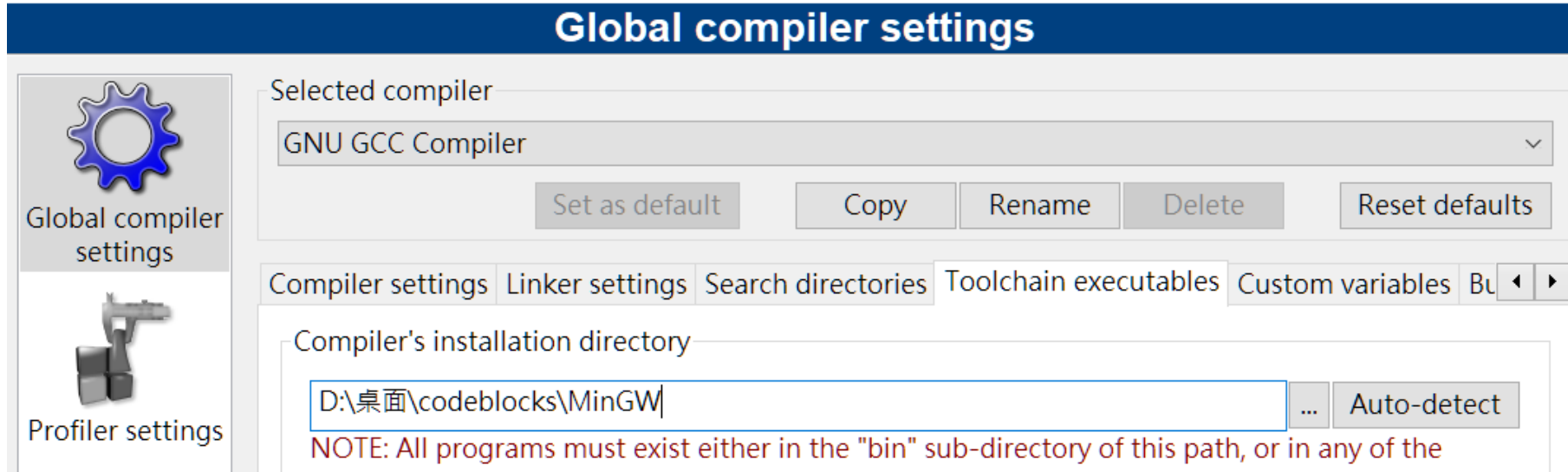
Windows Allegro install

- Note that we already install allegro to codeblocks for you!!!
- The only thing you need to check is the path to compiler.

Windows Allegro install

- Make sure your MinGW is the one you download with codeblocks!
- Check settings -> compiler -> toolchain executables
- Make sure the compiler is the one you download with codeblocks!!

Compiler settings





Outline

01

Mac install

02

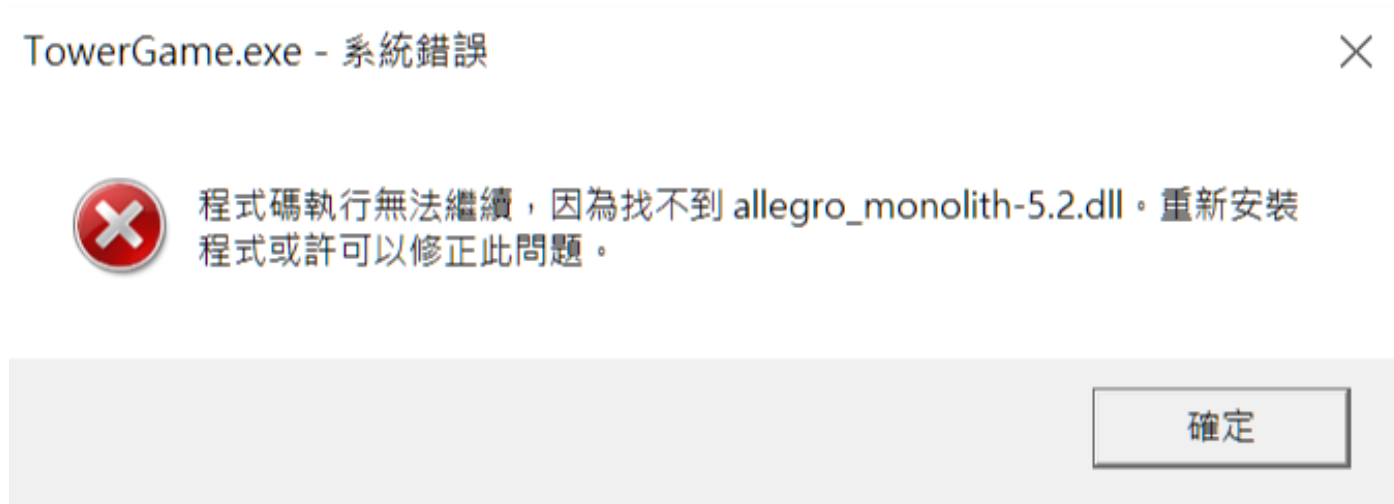
Windows install

03

Common problem

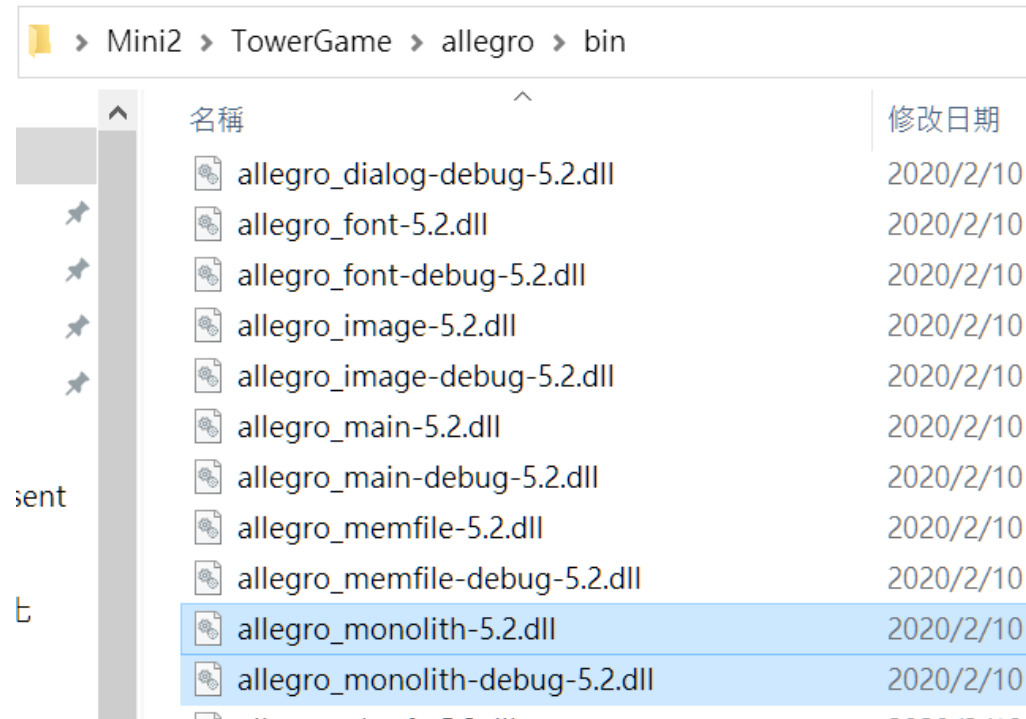
Common issue

- Can't find .dll



Common issue

- Can't find .dll
- Move the two file under **allegro/bin/** into the dictionary same as your .cbp project



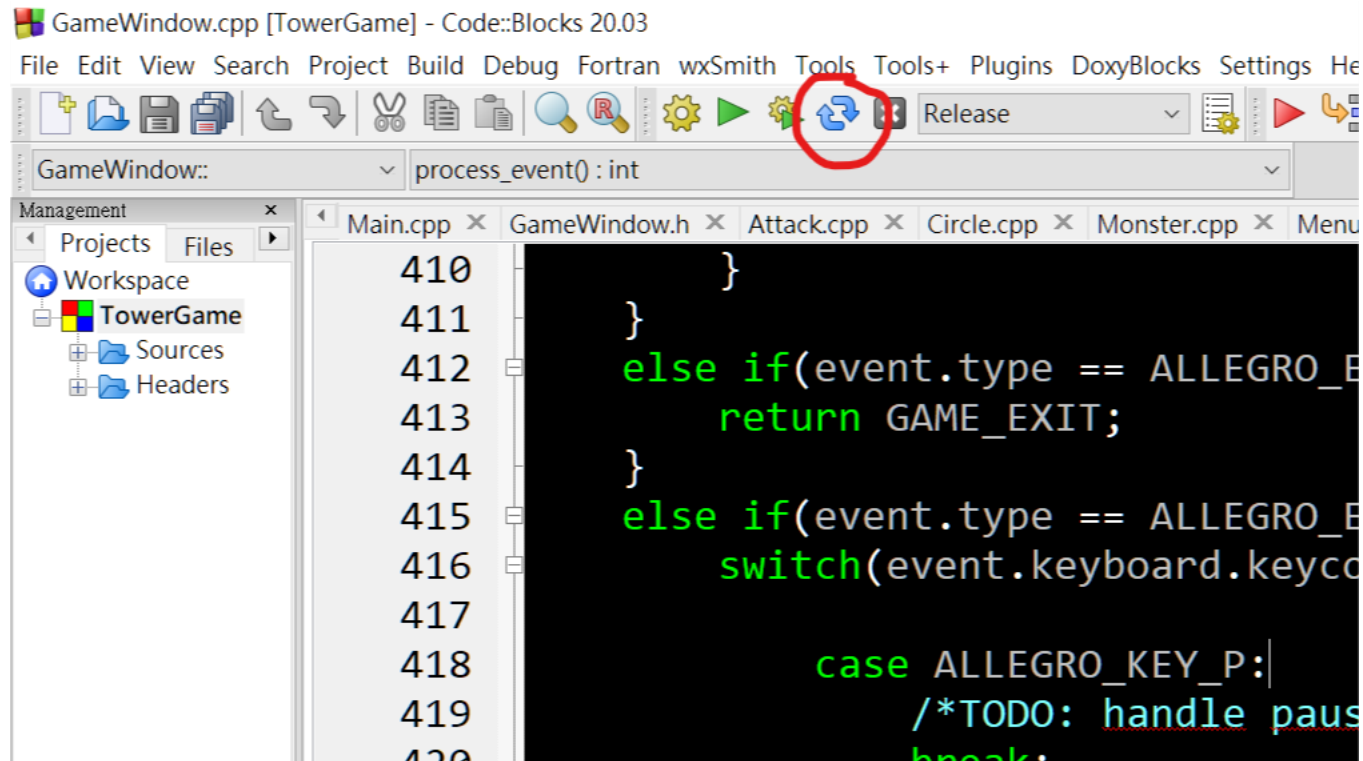
The screenshot shows a Windows File Explorer window with the address bar displaying the path: Mini2 > TowerGame > allegro > bin. The main pane shows a list of files with columns for 'Name' (名稱) and 'Modified Date' (修改日期). The files are listed as follows:

名稱	修改日期
allegro_dialog-debug-5.2.dll	2020/2/10
allegro_font-5.2.dll	2020/2/10
allegro_font-debug-5.2.dll	2020/2/10
allegro_image-5.2.dll	2020/2/10
allegro_image-debug-5.2.dll	2020/2/10
allegro_main-5.2.dll	2020/2/10
allegro_main-debug-5.2.dll	2020/2/10
allegro_memfile-5.2.dll	2020/2/10
allegro_memfile-debug-5.2.dll	2020/2/10
allegro_monolith-5.2.dll	2020/2/10
allegro_monolith-debug-5.2.dll	2020/2/10

The last two files, 'allegro_monolith-5.2.dll' and 'allegro_monolith-debug-5.2.dll', are highlighted in blue.

Common issue

- Something **undefined**.....
- Rebuild the project



Common issue

- Can't control the character
- Change to English keyboard input



A whimsical space-themed illustration featuring a teal rocket ship with a square window and a small flag, positioned to the left of a large orange planet with a ring and three small dots. Two yellow stars are scattered around the central elements. The background is white, decorated with various colored circles and shapes in shades of orange, teal, and grey.

The End~