

Start here - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

- New >
- Open... Ctrl-O
- Open With Hex Editor
- Open default workspace
- Recent projects >
- Recent files >
- Import project >
- Save file Ctrl-S
- Save file as...
- Save project
- Save project as...
- Save project as template...
- Save workspace
- Save workspace as...
- Save everything Ctrl-Shift-S
- Close file Ctrl-W
- Close all files Ctrl-Shift-W
- Close project
- Close workspace
- Print... Ctrl-P
- Export >
- Properties...
- Quit Ctrl-Q

- Empty file Ctrl-Shift-N
- Class...
- Project...
- Build target...
- File...
- Custom...
- From template...
- Nassi Shneiderman diagram



Code::Blocks

The open source, cross-platform IDE

[Release 20.03 rev 11983 \(2020-03-12 18:24:30\) gcc 8.1.0 Windows/unicode - 64 bit](#)



[Create a new project](#)



[Open an existing project](#)



[Tip of the Day](#)



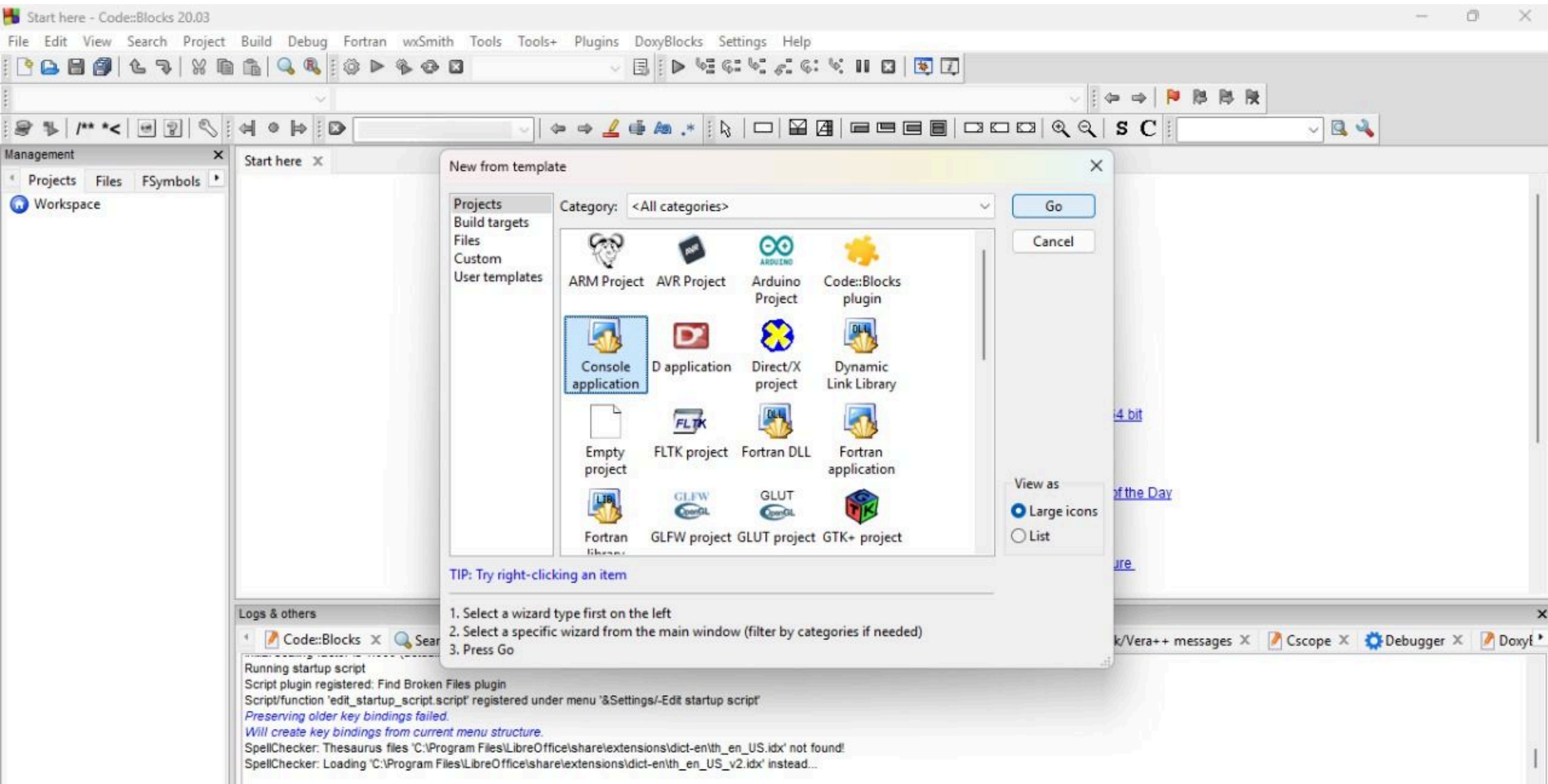
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Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x Doxyt

script
stered: Find Broken Files plugin
dit_startup_script.script' registered under menu '&Settings/-Edit startup script'
key bindings failed.
indings from current menu structure.

SpellChecker: Thesaurus files 'C:\Program Files\LibreOffice\share\extensions\dict-en\th_en_US.idx' not found!
SpellChecker: Loading 'C:\Program Files\LibreOffice\share\extensions\dict-en\th_en_US_v2.idx' instead...





Management

Projects Files FSymbols

Workspace

Start here

Console application



Please select the compiler to use and which configurations you want enabled in your project.

Compiler:

GNU GCC Compiler

☒ Create "Debug" configuration: Debug

"Debug" options

Output dir.: bin\Debug

Objects output dir.: obj\Debug

☒ Create "Release" configuration: Release

"Release" options

Output dir.: bin\Release

Objects output dir.: obj\Release

< Back

Finish

Cancel

Logs & others

Code::Blocks Search res

Running startup script

Script plugin registered: Find Broken Files p

Script/function 'edit_startup_script.script' registered under menu &Settings-Edit startup script

*Preserving older key bindings failed.**Will create key bindings from current menu structure.*

SpellChecker: Thesaurus files 'C:\Program Files\LibreOffice\share\extensions\dict-en\th_en_US.idx' not found!

SpellChecker: Loading 'C:\Program Files\LibreOffice\share\extensions\dict-en\th_en_US_v2.idx' instead...

*main.c [BankersAlgorithm] - Code::Blocks 20.03

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<global>

Management

- Projects
- Files
- FSymbols

Workspace

- BankersAlgorithm
 - Sources
 - main.c

```
1  #include <stdio.h>
2  #include <stdbool.h>
3
4  int main() {
5      int n, m, i, j, k;
6      n = 5; // Number of processes
7      m = 3; // Number of resources
8
9      int alloc[5][3] = { {0, 1, 0}, // P0
10                          {2, 0, 0}, // P1
11                          {3, 0, 2}, // P2
12                          {2, 1, 1}, // P3
13                          {0, 0, 2} }; // P4
14
15      int max[5][3] = { {7, 5, 3}, // P0
16                        {3, 2, 2}, // P1
17                        {9, 0, 2}, // P2
18                        {2, 2, 2}, // P3
19                        {4, 3, 3} }; // P4
20
21      int avail[3] = {3, 3, 2}; // Available resources
22
23      int f[n], ans[n], ind = 0;
24      for (k = 0; k < n; k++) {
25          f[k] = 0;
26      }
27      int need[n][m];
28      for (i = 0; i < n; i++) {
29          for (j = 0; j < m; j++)
30              need[i][j] = max[i][j] - alloc[i][j];
31      }
```

C:\Users\BankersAlgorithm\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 59, Col 1, Pos 1627 Insert Modified Read/Write default