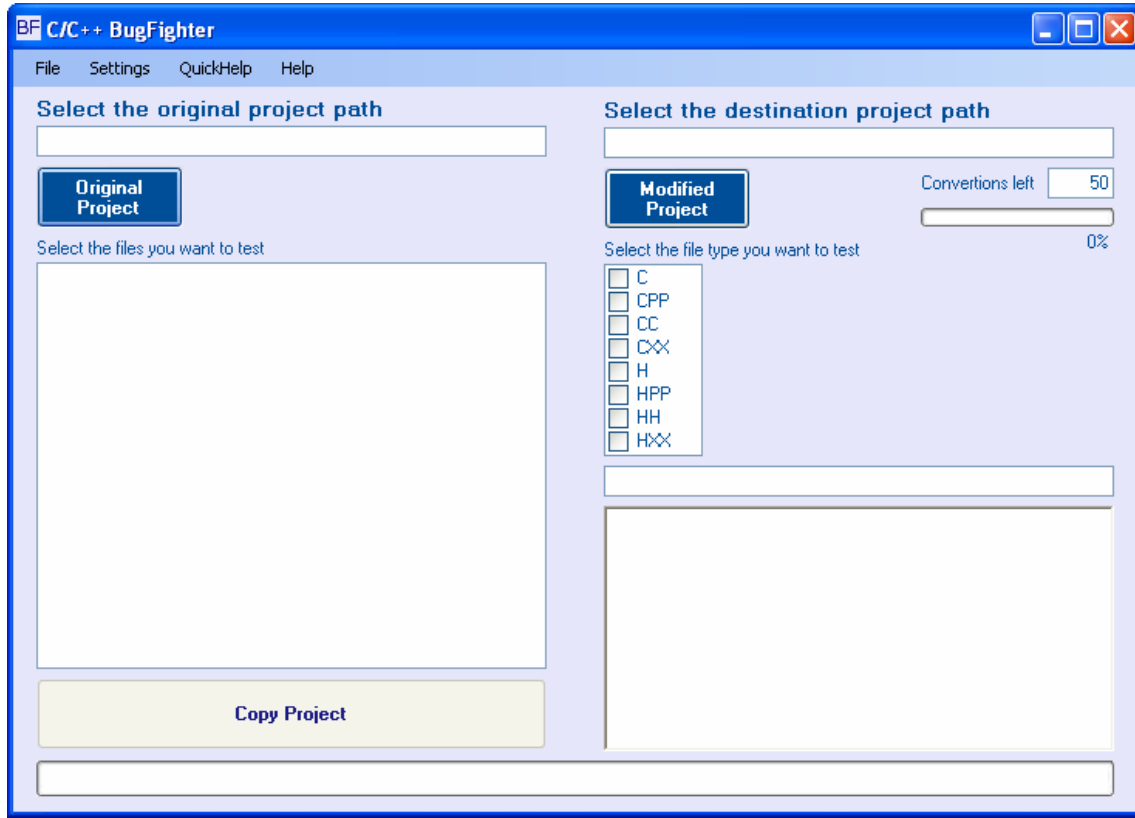# BugFighter C/C++
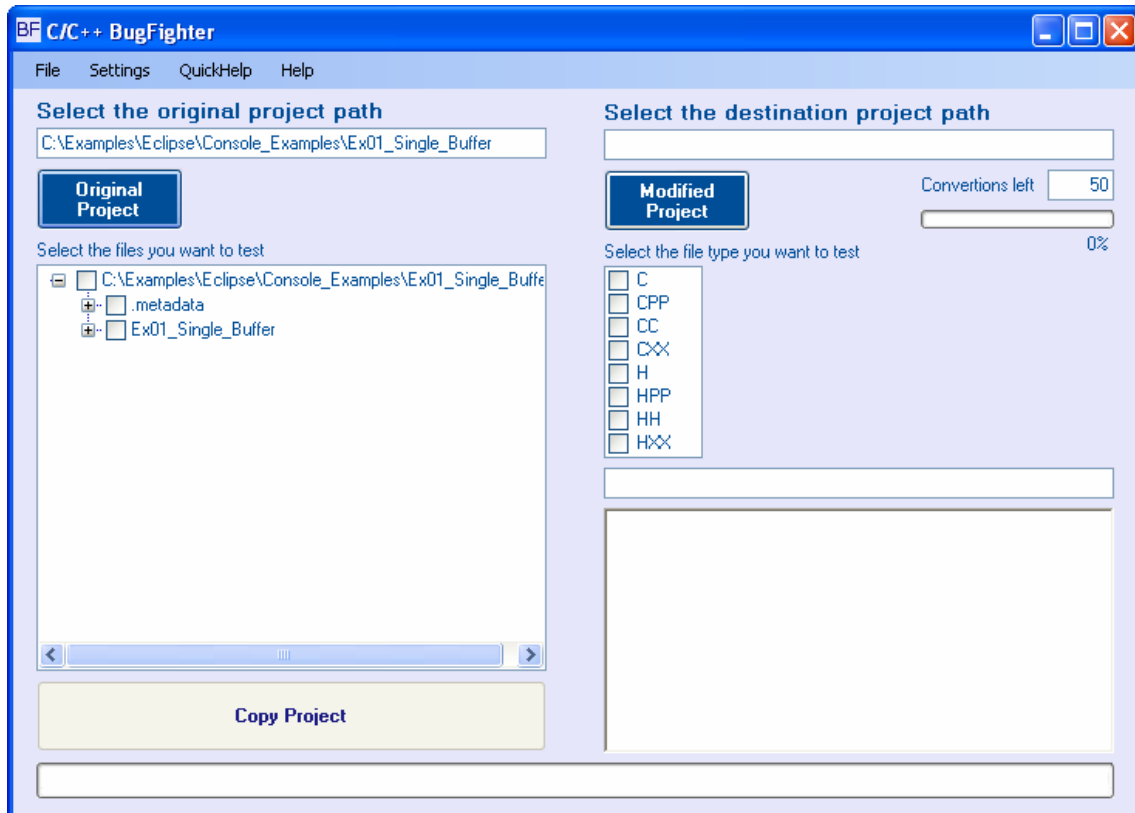
1 – Start Page
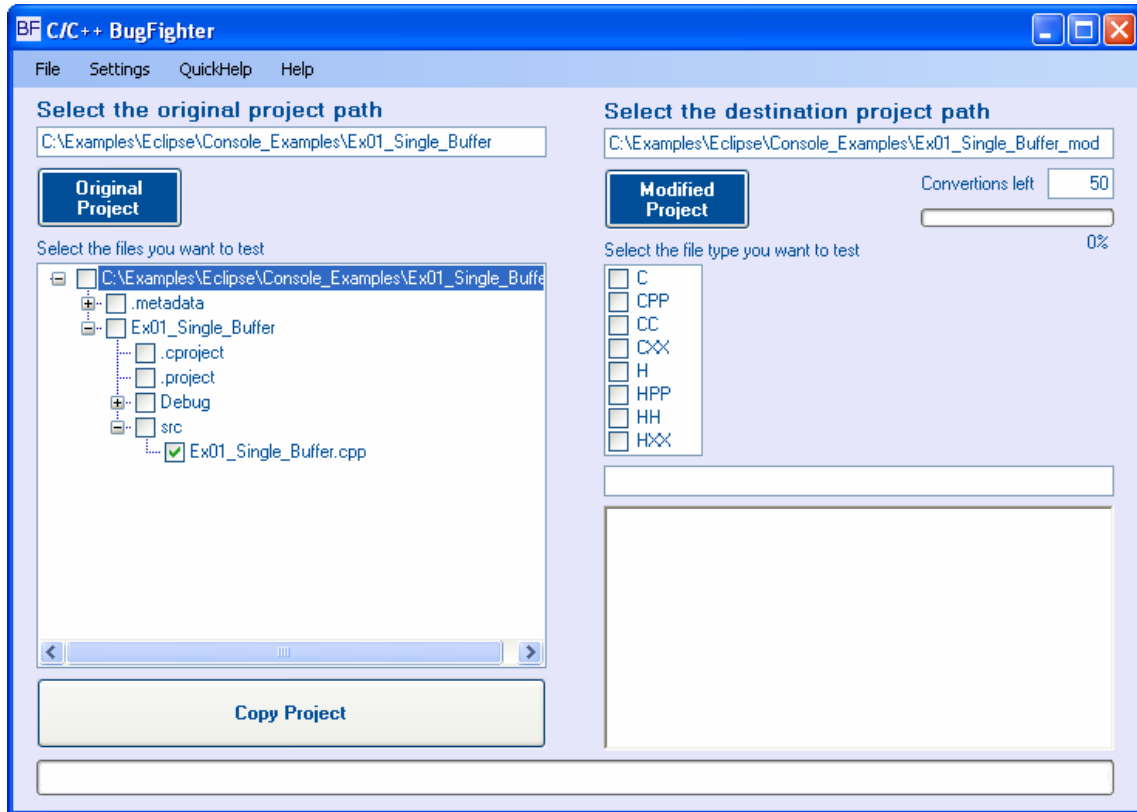

2 – Select Original Project Directory
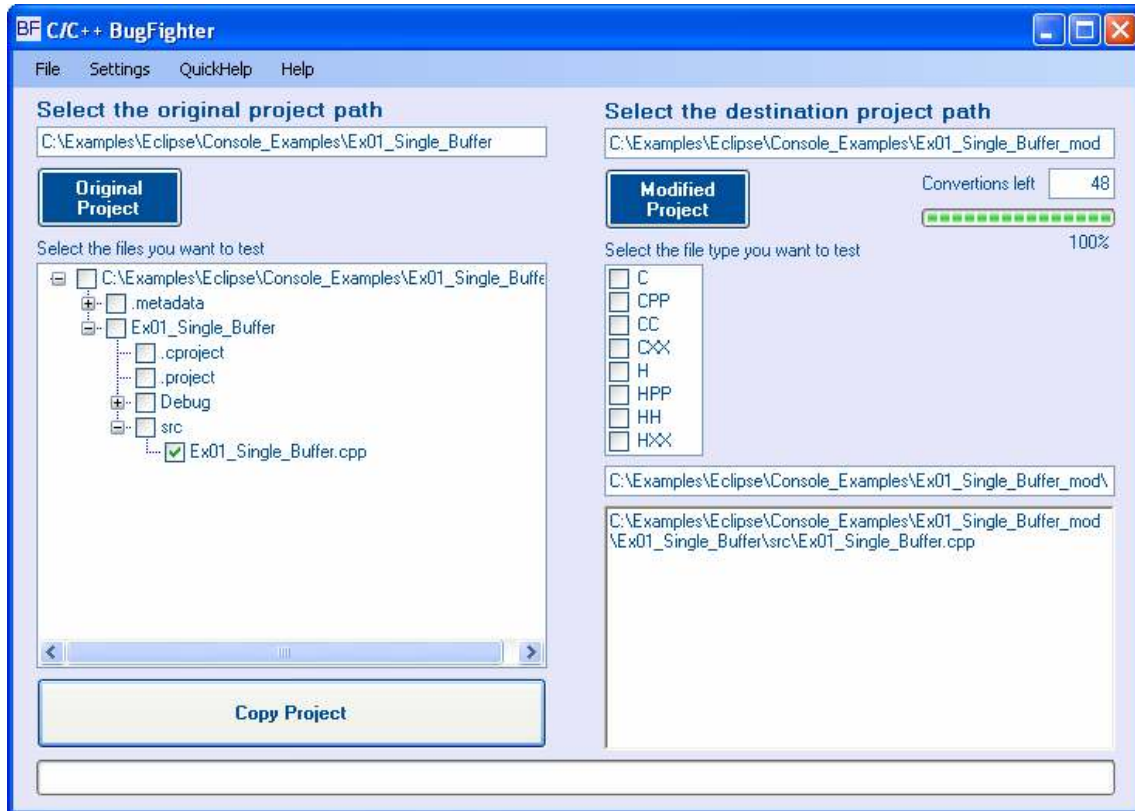
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3 – Select Modified Project Directory
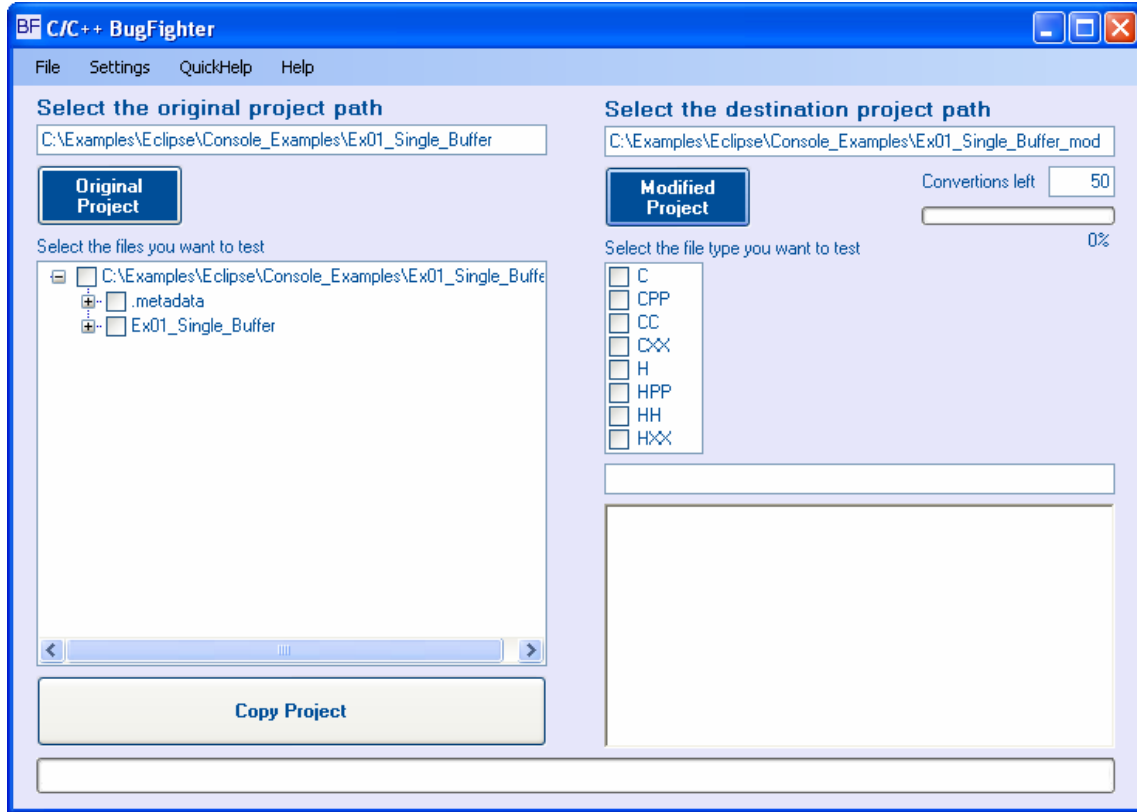
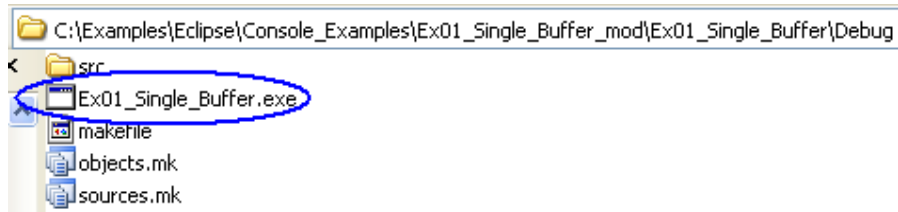## 4 – Select the files to test

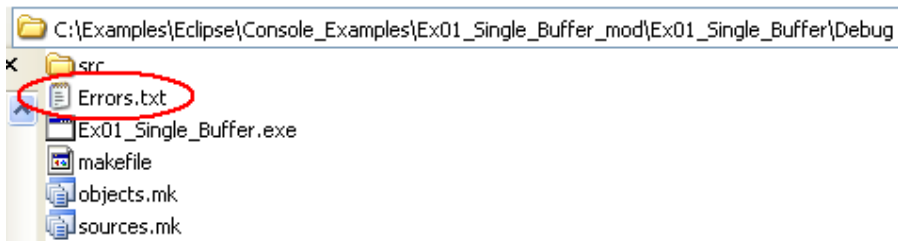**5 – Click "Copy Project"**

6 – Compile the Modified Project

7 – Run the exe file

8 – If a buffer overflow occurs, "Errors.txt" will be created and program will terminate

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9 – Prompt results and "Errors.txt"

```
C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod\Ex01_Single_Buffer\D
ebug>Ex01_Single_Buffer.exe

Maximum index allowed for "x": 9
Index name       :       10
Index value      :       10
file: C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer\Ex01_Single_Buffer
\src\Ex01_Single_Buffer.cpp  line :      24

C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod\Ex01_Single_Buffer\D
ebug>
```

Error n.   1

Maximum index allowed for "x": 9
Index name   :   10
Index value   :   10
file:
C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer\Ex01_Single_Buffer\src\Ex01_Si
ngle_Buffer.cpp line :   24

```cpp
//============================================================================
// Name        : Ex01_Single_Buffer.cpp
// Author      : Bug Fighter
// Version     :
// Copyright   : Bug Fighter Soft
// Description : Hello World in C++, Ansi-style
//============================================================================

#include <iostream>
using namespace std;

int main() {
    /* Try this code */
    /* Run it */

    /* Than try with BugFigher!! */
    /* and look in the exe directory, */
    /* you will find "Errors.txt" with the errors report */

    /* It will be very easy in this way to debug!! */

    int x[10];

    x[10] = 5;
    x[-4] = 3;

      cout << "!!!Hello World!!!" << endl; // prints !!!Hello World!!!
      return 0;
}
```

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