

# Вычислительная практика

Работа с графикой

# Подключение библиотеки

Скачайте

[http://winbgim.codecutter.org/V6\\_0/WinBGIm\\_Library6\\_0\\_Nov2005.zip](http://winbgim.codecutter.org/V6_0/WinBGIm_Library6_0_Nov2005.zip)



Shortcut to  
CbLauncher



CodeBlocks-EP



WinBGIm\_Lib...

**WinBGIm\_Library6\_0\_Nov2005** [Minimize] [Maximize] [Close]

File Edit View Favorites Tools Help

Back Forward Refresh Search Folders View

Address  Go

**File and Folder Tasks**

- Make a new folder
- Publish this folder to the Web
- Share this folder

**Other Places**

- Desktop
- My Documents
- Shared Documents
- My Computer
- My Network Places

	graphics C Header File 14 KB
	libbgi.a A File 121 KB
	winbgim C Header File 14 KB



Recycle Bin





Shortcut to CbLauncher



CodeBlocks-EP



WinBGIm\_Lib...

WinBGIm\_Library6\_0\_Nov2005

include

File Edit View Favorites Tools Help

Back Search Folders

Address C:\Documents and Settings\Administrator\Desktop\CodeBlocks-EP\MinGW\include Go

Folders

- Desktop
- My Documents
- My Computer
- My Network Places
- Recycle Bin
- CodeBlocks-EP
  - AppData
  - help
  - MinGW
    - bin
    - include
      - AppData
      - ddk
      - GL

winspool	winsvc	winuser	winver
ws2spi	ws2tcpip	wsahelp	wsipx
wsnetbs	wtsapi32	wtypes	xprtdefs
zmouse	winbgim	graphics	



Recycle Bin

start

include

WinBGIm\_Library6\_0...

EN

10:10 AM





Shortcut to CbLauncher



CodeBlocks-EP



WinBGIm\_Lib...

WinBGIm\_Library6\_0\_Nov2005

lib

File Edit View Favorites Tools Help

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Address C:\Documents and Settings\Administrator\Desktop\CodeBlocks-EP\MinGW\lib

Folders

- Desktop
- My Documents
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- Recycle Bin
- CodeBlocks-EP
  - AppData
  - help
  - MinGW
    - bin
    - include
    - lib
    - gcc
  - sdk

libwininet.a	libwinmm.a	libwinspool.a	libwinstrm.a
libwldap32.a	libwow32.a	libws2_32.a	libwsnmp32.a
libwsock32.a	libwst.a	libwtsapi32.a	txtmode.o
libbgi.a			



Recycle Bin

# Подключение библиотеки

Запустите Code::Blocks и перейдите в меню Settings  
-> Compiler -> Linker settings



# Global compiler settings



Global compiler settings



Profiler settings



Batch builds



Selected compiler

GNU GCC Compiler

Set as default

Copy

Rename

Delete

Reset defaults

Compiler settings

Linker settings

Search directories

Toolchain executables

Custom variables

Build options

Policy:

Link libraries:

Other linker options:

## Add library

File: ministrator\Desktop\CodeBlocks-EP\MinGW\lib\libbgi.a;|

OK

Cancel

Add

Edit

Delete

Clear

Copy selected to...

OK

Cancel

# Подключение библиотеки

Справа вставьте следующую строку:

```
-lbgdi -lgdi32 -lcomdlg32 -luuid -loleaut32 -lole32
```



# Global compiler settings



Global compiler settings



Profiler settings



Batch builds



Selected compiler

GNU GCC Compiler

Set as default

Copy

Rename

Delete

Reset defaults

Compiler settings

Linker settings

Search directories

Toolchain executables

Custom variables

Build options

Policy:

Link libraries:

C:\Documents and Settings\Administrator\Desktop

Add

Edit

Delete

Clear

Copy selected to...

Other linker options:

-lbgi -lqdi32 -lcomdlg32 -luuid -oleaut32 -ole32

OK

Cancel

# Подключение библиотеки

В graphics.h замените 302-ю строку на

```
int left=0, int top=0, int right=INT_MAX, int bottom=INT_MAX,
```

Management [X]

Projects Symbols Files

Workspace

```

292 void setvisualpage( int page );
293 void swapbuffers( );
294
295 // Image Functions (drawing.cpp)
296 unsigned imagesize( int left, int top, int r1
297 void getimage( int left, int top, int right,
298 void putimage( int left, int top, void *bitma
299 void printimage(
300     const char* title=NULL,
301     double width_inches=7, double border_left
302     int left=0, int top=0, int right=INT_MAX,
303     bool active=true, HWND hwnd=NULL
304 )

```

No active project found. Settings not saved.



# Подключение библиотеки

При создании исходных файлов укажите язык C++

Management

Projects Symbols

Workspace

**C/C++ source**

**C/C++ FILE**

Please select the language for the file.

Please make a selection

- C
- C++**

< Back    Next >    Cancel

```

ordinates
click
a triangle sic
the maximum cc

```

messages

```

g constant to 'char
(0 minutes, 0 secon

```

# Подключение библиотеки

```
#include <graphics.h>
#include <stdio.h>
int main()
{
    initwindow(500, 500);

    setcolor(WHITE);
    char buffer[50];
    sprintf(buffer, "Nazhmite levuyu knopku myshi.");
    outtextxy(0, 0, buffer);

    while(!ismouseclick(WM_LBUTTONDOWN))
    {
        delay(10);
    }
    int x, y;
    getmouseclick(WM_LBUTTONDOWN, x, y);

    closegraph();
    printf("Mysh nazhata v tochke (%d, %d)", x, y);
    return 0;
}
```