I tried to compile this short function.

```cpp
struct OpenGLUT2 : GLCtrl
{

    void init(void)
    {
        glClearColor(0.0, 0.0, 0.0, 0.0);
        glMatrixMode(GL_PROJECTION);
        glLoadIdentity();
        glOrtho(0.0, 1.0, 0.0, 1.0, -1.0, 1.0);
    }

    void RenderBitmapString(float x, float y, String a)
    {
        char c;
        glColor3f(1.0, 1.0, 0.0);
        glRasterPos2f(x, y);
        void * font = GLUT_BITMAP_TIMES_ROMAN_10;
        int k=0;
        for (c=a[k]; k<a.GetCount(); k++)
            glutBitmapCharacter(font, c);
    }

    virtual void GLPaint()
    {
        glutInitDisplayMode(GLUT_SINGLE | GLUT_RGB);
        init();
        glutMainLoop();
    }
};

OpenGLExample2 gl;
Idc app;

gl.SetFrame(InsetFrame());

app.Add(gl.HSizePos(10, 320).VSizePos(10, 200));
```
The translation is okay, but I try to use (Linux), this error message:

freeglut  ERROR:  Function <glutMainLoop> called without first calling 'glutInit'.

virtual void GLPaint()
{
StdView();
char fakeParam[] = "fake";
    char *fakeargv[] = { fakeParam, NULL };
    int fakeargc = 1;

    glutInit( &fakeargc, fakeargv );
    glutInitDisplayMode(GLUT_SINGLE | GLUT_RGB);
    init();
    //glutDisplayFunc(display);
    //glutKeyboardFunc(keyboard);
    glutMainLoop();
}

Heap leaks detected! Fatal IO error 11 on X server :0.0.
If you prepare the glutInit this is the error massage:

Heap leaks detected!
ldc: Fatal IO error 11 on X server :0.0.

What am I doing wrong?

Subject: Re: glut init-error.
Posted by slashupp on Fri, 03 Nov 2017 09:58:46 GMT
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I know this is old, but I hit same problem and solved it like below, putting this here for next guy :) 

give your class a ctor in which you do the following to let glut initialize properly:
OpenGLUT2::OpenGLUT2()
{
    char *myargv[1];
    int myargc=1;
    myargv[0]=strdup(GetExeTitle().ToStd().c_str());
    glutInit(&myargc, myargv);
    //...whatever else you need in the ctor...
}

Fake parameters does not work - it must either be an exact copy of what was passed to main, or at least supply correct data as above.