Texas A&M University Email Collaboration Suite   pradeep.garigipati@neo.tamu.edu

Re: Question about TopMod   Sat 09 Apr 2011 01:36:51 PM CDT

From: fhzhang@gmail.com
To: ergun.akleman@gmail.com
Cc: pradeep.garigipati@neo.tamu.edu; chen@cs.tamu.edu
Attachments: topmod-8-11-2008.rar (13795.7KB)
Topmod-newcore-2009-09-10.tar.gz (16.6KB)
topmod-8-11-2008.rar (13795.7KB)
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The latest topmod archive I have was from 8/11/2008.
The latest topmod new core I have was from 9/10/2009.

Since I don't have a linux machine at home now, please try it out and
let me know if it works for you. Since they are from years back, some
of the dependencies might be hard to find, so you may need to modify
it a little.

About the new core, description from my email archive:

The following classes in its simplest form are included in the core:
* vertex
* edge
* face
* topology_object
* renderable_object
Other than that, I also have the following in the package (they are
mainly for testing purpose and proof of concept):
* a simple remeshing implementation (remeshing/)
* a test application integrating the core with qt interface (test/)
Please note that:
1. I am using gcc 4.33, cmake 2.6, eclipse 3.4.2 on linux. Didn't have
chance to try it on other platforms.
2. The tests will need the google test 1.3.0, you can download it from
http://code.google.com/p/googletest/
3. The test application in the folder test/ is tested on qt4.5.0.
Please note that this folder doesn't belong to the core. It's just for
my testing purpose.
4. To avoid conflict between cmake and qmake, please go to the bin/
directory and run "cmake .. && make -k all" from there; qmake can be
executed from the root directory directly. All binaries will be in the
bin/ directory.

On Fri, Apr 8, 2011 at 8:45 AM, Ergun Akleman <ergun.akleman@gmail.com> wrote:
> Thanks a lot for your help,
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> E.A.
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> On Fri, Apr 8, 2011 at 10:38 AM, Fenghui <fhzhang@gmail.com> wrote:
>> Sure, I will dig it out from my archives and get back to you guys this weekend.
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>> On Thu, Apr 7, 2011 at 8:59 AM, Ergun Akleman <ergun.akleman@gmail.com> wrote:
>>> Fengui, it may be good idea to start from latest code you had. Can you
>>> upload that latest code somewhere such that Pradeep can download.
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>>> On Thu, Apr 7, 2011 at 10:43 AM, Fenghui <fhzhang@gmail.com> wrote:
>>>> Can you send me a copy of the code that you have? It's hard to tell
>>>> what's wrong with it. If I recall correctly, somebody else has
>>>> modified the code after I left.
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>>>> On Wed, Apr 6, 2011 at 5:09 PM, <pradeep.garigipati@neo.tamu.edu> wrote:
>>>>> Dear Fengui Zhang,
>>>>>
>>>>> Can you please tell me the steps to compile TopMod source code in
Linux(Ubuntu). I have tried to resolve the errors but was stuck after a certain
point.
>>>>>
>>>>> ERRROS:
>>>>> -------
>>>>> Building DLFL Python Module...
>>>>> running build
>>>>> running build_ext
>>>>> building 'dlfl' extension
>>>>> gcc -mno-cygwin -mdll -O -Wall -I.. -I../vecmat -I../dlflcore -I../dlflaux
-I/usr/include/python2.6 -c DLFLModule.cc -o build/temp.linux-i686-2.6/DLFLModule.o
>>>>> cc1plus: error: unrecognized command line option "-mno-cygwin"
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>>>>>
>>>>> I tried removing the mingw32 option in "dlfl_setup.py" commands. But I still
get other errors which says:
>>>>>
>>>>> "warning: command line option "-Wstrict-prototypes" is valid for Ada/C/ObjC but
not for C++"
>>>>> "DLFLModule.cc:34: fatal error: Python.h: No such file or directory" - I have
python installed correctly.
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>>>>> Apart from the above, I got circular inclusion messages for several header
files. I have attached the output of makeall.sh script for your reference.
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>>>>> Awaiting for your suggestions. Thank you.
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>>>>> Regards,
>>>>> Pradeep Garigipati.
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>>>>> ----- Original Message -----
>>>>> From: "Ergun Akleman" <ergun.akleman@gmail.com>
>>>>> To: "Fenghui Zhang" <fhzhang@gmail.com>, "Fengui Zhang"
<fenghuizhang@hotmail.com>, "Pradeep Garigipati" <pradeep.garigipati@tamu.edu>,

"David Morris" <dave@viz.tamu.edu>, "Vinod Srinivasan" <vinod.srinivasan@gmail.com>
>>>>> Sent: Tuesday, April 5, 2011 4:29:53 PM GMT -06:00 US/Canada Central
>>>>> Subject: Question about TopMod
>>>>>
>>>>> Hi,
>>>>>
>>>>> Pradeep Garipati wants to work for further implementation of TopMod. I
>>>>> gave him one of the latest versions of the code. But, he had some
>>>>> problems compiling the code. I am forwarding this email to all of you
>>>>> such that he can ask you questions about it.
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>>>>> He will compile it it in Linux now.
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