

**Ben Foster** <foster@ucar.edu>

tie-gcm

8 messages

Yamazaki, Yosuke <y.yamazaki@lancaster.ac.uk>
To: "foster@ucar.edu" <foster@ucar.edu>

Tue, Mar 3, 2015 at 10:39 AM

Hi Ben,

I would like to install the latest version of the TIE-GCM at /home/yamazaki.
Would you tell me what I should "svn checkout"?
I thought it should be something like "svn checkout \$SVN/tiegcm/trunk trunk", but it doesn't work.

Best regards,
YY

Ben Foster <foster@ucar.edu>
To: "Yamazaki, Yosuke" <y.yamazaki@lancaster.ac.uk>

Tue, Mar 3, 2015 at 10:43 AM

YY,

"svn checkout \$SVN/tiegcm/trunk tiegcm_trunk"

This should result in a tiegcm_trunk directory, w/ the source code.
(if you leave out the tiegcm_trunk argument, you would get a
directory called "trunk"). Let me know if you have any problems.

--Ben

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Yamazaki, Yosuke <y.yamazaki@lancaster.ac.uk>
To: Ben Foster <foster@ucar.edu>

Tue, Mar 3, 2015 at 11:15 AM

Than you for your quick response.
It worked.

YY

From: Ben Foster [foster@ucar.edu]
Sent: Tuesday, March 03, 2015 5:43 PM
To: Yamazaki, Yosuke
Subject: Re: tie-gcm

[Quoted text hidden]

Yamazaki, Yosuke <y.yamazaki@lancaster.ac.uk>
To: Ben Foster <foster@ucar.edu>

Tue, Mar 3, 2015 at 12:20 PM

Dear Ben,

I was able to install the TIE-GCM, but having trouble in running it.
My job and input files are at /home/yamazaki/tiegcm_mixing.
The run stops immediately, giving this error message in the output file:

WARNING: Unable to read mpd.hosts or list of hosts isn't provided. MPI job will be run on the current machine only.

```
1: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
6: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
2: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
4: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
5: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
0: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
3: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
7: ./tiegcm_trunk: symbol lookup error: ./tiegcm_trunk: undefined symbol: __intel_sse2_strcpy
```

Would you tell me what the implication is?

Best regards,
YY

From: Ben Foster [foster@ucar.edu]
Sent: Tuesday, March 03, 2015 5:43 PM
To: Yamazaki, Yosuke
Subject: Re: tie-gcm

[Quoted text hidden]

Ben Foster <foster@ucar.edu>
To: "Yamazaki, Yosuke" <y.yamazaki@lancaster.ac.uk>

Tue, Mar 3, 2015 at 1:17 PM

Are you using the intel compiler? I'm assuming you are building w/ 64-bit on your home machine. There may be a missing shared object file or library. Maybe you could send me the complete compiler output in a file, or the Makefile you are using.

[Quoted text hidden]

Yamazaki, Yosuke <y.yamazaki@lancaster.ac.uk>
To: Ben Foster <foster@ucar.edu>

Tue, Mar 3, 2015 at 1:28 PM

Thank you for your reply.
I am not sure about the compiler. I would like to run the TIE-GCM on the arc computer.
Please find attached Makefile that I use.
If there are other files you need, please let me know.

YY

From: Ben Foster [foster@ucar.edu]**Sent:** Tuesday, March 03, 2015 8:17 PM

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 **Makefile**
4K

Ben Foster <foster@ucar.edu>

Tue, Mar 3, 2015 at 2:51 PM

To: "Yamazaki, Yosuke" <y.yamazaki@lancaster.ac.uk>, Joe McInerney <joemci@ucar.edu>

YY, please try the following: first remove or comment the following line from your ~/.cshrc file at hao:

```
source /opt/local/intel/Compiler/11.1/072/bin/fortvars.csh intel64
```

Then, add these lines to ~/.cshrc (see also ~foster/.cshrc):

```
set path = ( . /opt/local/intel2011/impi/4.0.1.007/intel64/bin $path )
setenv ESMF_DIR /home/tgcm/esmf/intel2011 # public release 5.2.0r
setenv ESMF_DIR /home/tgcm/esmf/ESMF_5_2_0rp1_beta_snapshot_21 # snapshot
setenv ESMF_COMPILER intel
setenv ESMF_COMM intelmpi
setenv ESMF_SITE hao
```

Then of course, source ~/.cshrc, and also remove your execdir, or go there and do "gmake clean" before resubmitting. Let me know if this helps.

--Ben

[Quoted text hidden]

Yamazaki, Yosuke <y.yamazaki@lancaster.ac.uk>

Wed, Mar 4, 2015 at 10:25 AM

To: Ben Foster <foster@ucar.edu>, Joe McInerney <joemci@ucar.edu>

Hi Ben,

Thank you very much for your help.
I did what you suggested. And the TIE-GCM is now working fine.

Cheers,
YY

From: Ben Foster [foster@ucar.edu]**Sent:** Tuesday, March 03, 2015 9:51 PM**To:** Yamazaki, Yosuke; Joe McInerney**Subject:** Re: tie-gcm

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