Subject: [WARNING: ATTACHMENT UNSCANNED]Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Thursday, November 8, 2018 at 7:13:01 PM Pacific Standard Time

From: Zhonglin Li

To: Miller, Mark C.

Attachments: foo_cli.bar

If i open file without telling file type, i can't add any plot.

I have another problem with CLI mode. There is an error: undefined visit module.

I also attach some log file.

On Thu, Nov 8, 2018 at 10:42 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> Ok, good.
>
> Hmm...well, I am wondering, when you go back and try it the way you originally did and got the error message....
>
> BoxLib::Error::ParmParse::Initialize(): already initialized!!!!
>
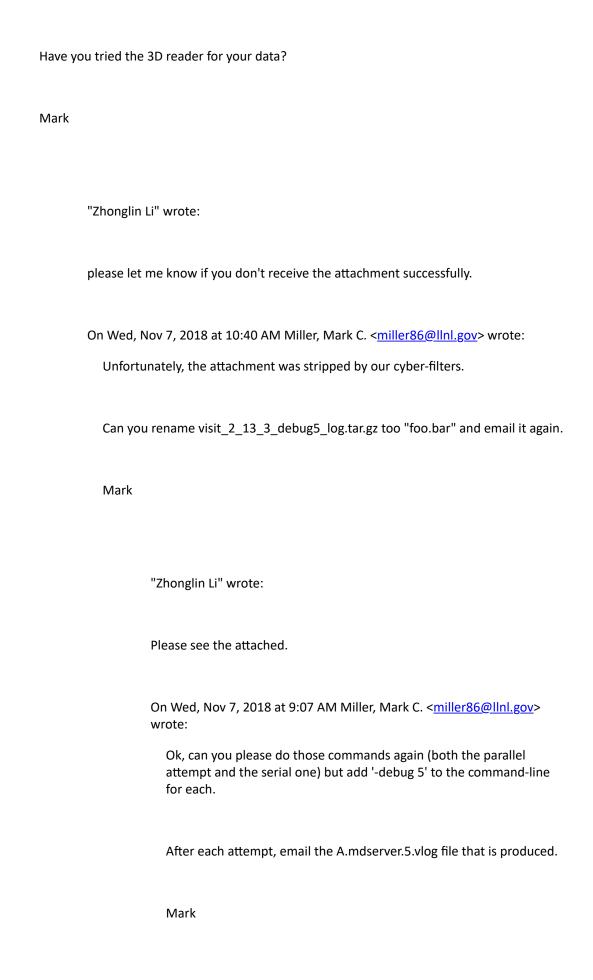> Did Visit still allow you to plot something from the file?
>
> When I look more closely at your debug logs, VisIt tried to open " /media/vm4/f76267de-ceea-44e1-b69d-06a8377e1114/ARES/Work/Flow/HPDCFillingFlow/CAL_DATA/Plot027958/Header" with Boxlib2D and that failed. Then, it tried to open with Boxlib3D and from what I can tell, that appears to have been successful.
>
> Last resort...do you have an 2D Boxlib data? If not, you can disable the 2D boxlib plugin and then VisIt should only ever try the 3D plugin and it will be automatic.
>
> To disable a plugin...
>
> 1. Go to Options->Plugin Manager...
> 2. Find Boxlib2D
> 3. Uncheck the "Enabled" box to the left
> 4. Hit the apply button
> 5. Go to Options->Save Settings (makes the change permanent)
> 6. Exit and restart VisIt
> 7. Now try to open Boxlib 3D data as you normally would

"Zhonglin Li" wrote:

Yes! It works. I just wonder how i can fix it without telling VisIt the file type.

On Thu, Nov 8, 2018 at 10:14 AM Miller, Mark C. <miller86@llnl.gov> wrote:

1. Start VisIt

2. Go to File->Open File...

3. Select the "Open file as type:" pull down

4. Find Boxlib3D in the list and select it (see attached picture)

5. navigate to the 3D boxlib "header" file you want to open and open it.

Let me know if that works.

Ordinarily, VisIt automatically determines which reader, 2D or 3D to use, but maybe that logic isn't working in your build.

Mark

"Zhonglin Li" wrote:

I have bothe 2D and 3D boxlib reader named as libbox2D.a and libbox3D.a.

On Thu, Nov 8, 2018 at 1:38 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.

BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.

Have you tried the 3D reader for your data?

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.
>
> Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...
>
> I think the command line would be something like...
>
> visit -np 8 -launchengine
>
> and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)
>
> Then try opening the boxlib file you tried before.
>
> Mark
>
> "Zhonglin Li via visit-users" wrote:
>
> Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:

./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Wednesday, November 7, 2018 at 6:42:44 PM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

Ok, good.

Hmm...well, I am wondering, when you go back and try it the way you originally did and got the error message....

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

Did Visit still allow you to plot something from the file?

When I look more closely at your debug logs, VisIt tried to open " /media/vm4/f76267de-ceea-44e1-b69d-06a8377e1114/ARES/Work/Flow/HPDCFillingFlow/CAL_DATA/Plot027958/Header" with Boxlib2D and that failed. Then, it tried to open with Boxlib3D and from what I can tell, that appears to have been successful.

Last resort...do you have an 2D Boxlib data? If not, you can disable the 2D boxlib plugin and then VisIt should only ever try the 3D plugin and it will be automatic.

To disable a plugin...
1. Go to Options->Plugin Manager...
2. Find Boxlib2D
3. Uncheck the "Enabled" box to the left
4. Hit the apply button
5. Go to Options->Save Settings (makes the change permanent)
6. Exit and restart VisIt
7. Now try to open Boxlib 3D data as you normally would

"Zhonglin Li" wrote:

Yes! It works. I just wonder how i can fix it without telling VisIt the file type.

On Thu, Nov 8, 2018 at 10:14 AM Miller, Mark C. <miller86@llnl.gov> wrote:

1. Start VisIt

2. Go to File->Open File...

3. Select the "Open file as type:" pull down

4. Find Boxlib3D in the list and select it (see attached picture)

5. navigate to the 3D boxlib "header" file you want to open and open it.

Let me know if that works.

Ordinarily, VisIt automatically determines which reader, 2D or 3D to use, but maybe that logic isn't working in your build.

Mark

"Zhonglin Li" wrote:

I have bothe 2D and 3D boxlib reader named as libbox2D.a and libbox3D.a.

On Thu, Nov 8, 2018 at 1:38 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.

BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.

Have you tried the 3D reader for your data?

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:
./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Wednesday, November 7, 2018 at 6:33:14 PM Pacific Standard Time

From: Zhonglin Li

To: Miller, Mark C.

Yes! It works. I just wonder how i can fix it without telling VisIt the file type.

On Thu, Nov 8, 2018 at 10:14 AM Miller, Mark C. <miller86@llnl.gov> wrote:
1. Start VisIt
2. Go to File->Open File...
3. Select the "Open file as type:" pull down
4. Find Boxlib3D in the list and select it (see attached picture)
5. navigate to the 3D boxlib "header" file you want to open and open it.

Let me know if that works.

Ordinarily, VisIt automatically determines which reader, 2D or 3D to use, but maybe that logic isn't working in your build.

Mark

"Zhonglin Li" wrote:

I have bothe 2D and 3D boxlib reader named as libbox2D.a and libbox3D.a.

On Thu, Nov 8, 2018 at 1:38 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.

BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.

Have you tried the 3D reader for your data?

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:

./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Wednesday, November 7, 2018 at 6:14:05 PM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

Attachments: screen2.png

1. Start VisIt
2. Go to File->Open File...
3. Select the "Open file as type:" pull down
4. Find Boxlib3D in the list and select it (see attached picture)
5. navigate to the 3D boxlib "header" file you want to open and open it.

Let me know if that works.

Ordinarily, VisIt automatically determines which reader, 2D or 3D to use, but maybe that logic isn't working in your build.

Mark

> "Zhonglin Li" wrote:
>
> I have bothe 2D and 3D boxlib reader named as libbox2D.a and libbox3D.a.
>
> On Thu, Nov 8, 2018 at 1:38 AM Miller, Mark C. <miller86@llnl.gov> wrote:
>
>> I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.
>>
>> BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.
>>
>> Have you tried the 3D reader for your data?

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:
./build_visit –-static -–boxlib - -parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Wednesday, November 7, 2018 at 9:38:36 AM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.

BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.

Have you tried the 3D reader for your data?

Mark

> "Zhonglin Li" wrote:
>
> please let me know if you don't receive the attachment successfully.
>
> On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:
>
>> Unfortunately, the attachment was stripped by our cyber-filters.
>>
>> Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.
>>
>> Mark
>>
>>> "Zhonglin Li" wrote:
>>>
>>> Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:
./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Wednesday, November 7, 2018 at 9:04:54 AM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

I got it. Thanks. Will update you later today

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:
./build_visit –-static -–boxlib -–parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Tuesday, November 6, 2018 at 9:40:56 PM Pacific Standard Time

From: Zhonglin Li

To: Miller, Mark C.

Attachments: foo.bar

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> Unfortunately, the attachment was stripped by our cyber-filters.
>
> Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.
>
> Mark
>
> > "Zhonglin Li" wrote:
> >
> > Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:

./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Tuesday, November 6, 2018 at 6:40:36 PM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.
>
> Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...
>
> I think the command line would be something like...
>
> visit -np 8 -launchengine
>
> and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)
>
> Then try opening the boxlib file you tried before.
>
> Mark
>
>
>> "Zhonglin Li via visit-users" wrote:
>>
>> Hi VisIt develop team,
>>
>> I build VisIt 2.13.3 from source code successfully on ubuntu16.04.
>>
>> However, when I open Boxlib plotfiles, an error comes out:
>>
>> BoxLib::Error::ParmParse::Initialize(): already initialized!!!!
>>
>> My build command is:
>> ./build_visit –-static -–boxlib --parallel
>>
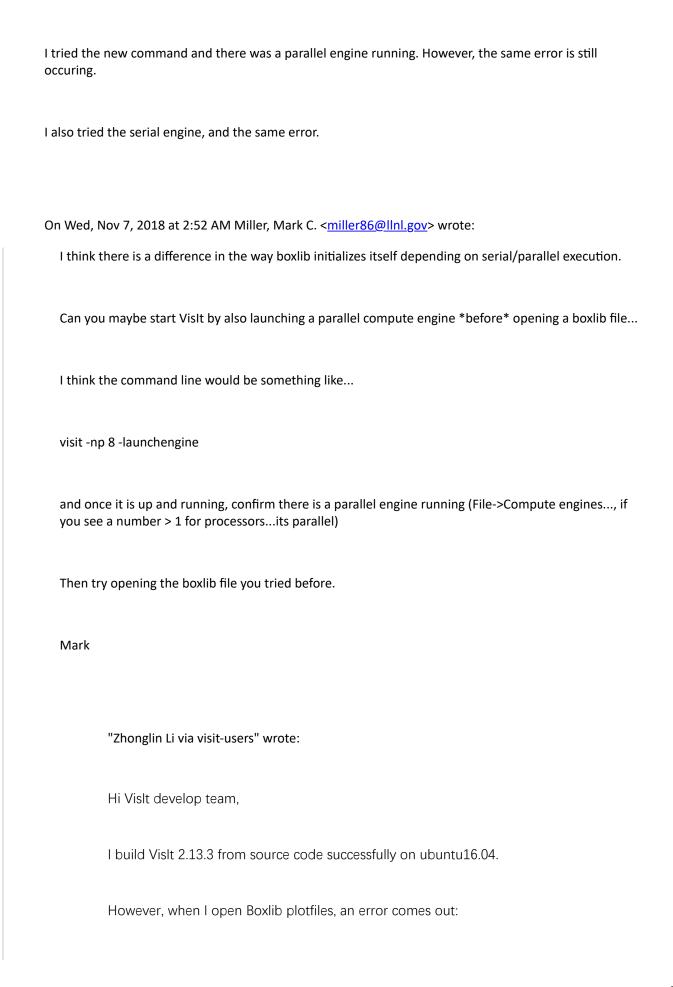>> Can you help me with this problem?
>>
>> Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt
Date: Tuesday, November 6, 2018 at 5:44:45 PM Pacific Standard Time
From: Zhonglin Li
To: Miller, Mark C.
CC: visit-users@elist.ornl.gov, visit-users@ornl.gov
Attachments: ATT00001.txt

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.
>
>
>
> After each attempt, email the A.mdserver.5.vlog file that is produced.
>
>
>
> Mark
>
>
>
>   "Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

<mark>BoxLib::Error::ParmParse::Initialize(): already initialized!!!!</mark>

My build command is:

./build_visit —-static -—boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt
Date: Tuesday, November 6, 2018 at 5:07:42 PM Pacific Standard Time
From: Miller, Mark C. via visit-users
To: Zhonglin Li
CC: Miller, Mark C., visit-users@ornl.gov, visit-users@elist.ornl.gov
Attachments: ATT00001.txt

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:
./build_visit –-static -–boxlib -–parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Tuesday, November 6, 2018 at 5:07:42 PM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

CC: visit-users@elist.ornl.gov, visit-users@ornl.gov

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

<mark>BoxLib::Error::ParmParse::Initialize(): already initialized!!!!</mark>

My build command is:
./build_visit ––static -–boxlib ‑‑parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Tuesday, November 6, 2018 at 5:05:12 PM Pacific Standard Time

From: Zhonglin Li

To: Miller, Mark C.

CC: visit-users@elist.ornl.gov, visit-users@ornl.gov

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

> Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

> I think the command line would be something like...

> visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:

./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Tuesday, November 6, 2018 at 10:52:49 AM Pacific Standard Time

From: Miller, Mark C. via visit-users

To: VisIt software users community, visit-users@ornl.gov

CC: Miller, Mark C., Zhonglin Li

Attachments: ATT00001.txt

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

        "Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:
./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Tuesday, November 6, 2018 at 10:52:49 AM Pacific Standard Time

From: Miller, Mark C.

To: VisIt software users community, visit-users@ornl.gov

CC: Zhonglin Li

I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

> "Zhonglin Li via visit-users" wrote:
>
> Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

<mark>BoxLib::Error::ParmParse::Initialize(): already initialized!!!!</mark>

My build command is:
./build_visit –-static -–boxlib - -parallel

Can you help me with this problem?

Zhonglin

Subject:	[visit-users] Open boxlib plotfile error-Sefl-built VisIt
Date:	Tuesday, November 6, 2018 at 4:19:44 AM Pacific Standard Time
From:	Zhonglin Li via visit-users
To:	visit-users@ornl.gov
CC:	Zhonglin Li
Attachments:	ATT00001.txt

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

<mark>BoxLib::Error::ParmParse::Initialize(): already initialized!!!!</mark>

My build command is:
./build_visit –-static -–boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [WARNING: ATTACHMENT UNSCANNED]Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Thursday, November 8, 2018 at 8:07:45 PM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

Hi Zhonglin,

Unfortunately, I don't have access to an ubuntu system to help diagnose.

Best I can offer is to add an issue ticket and see if another developer on our team might have time to help.

In the meantime, we should be uploading ubuntu binaries for 2.13.3 any day now...

https://wci.llnl.gov/simulation/computer-codes/visit/executables

Mark

"Zhonglin Li" wrote:

If i open file without telling file type, i can't add any plot.

I have another problem with CLI mode. There is an error: undefined visit module.

I also attach some log file.

On Thu, Nov 8, 2018 at 10:42 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, good.

Hmm...well, I am wondering, when you go back and try it the way you originally did and got the error message....

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

Did Visit still allow you to plot something from the file?

When I look more closely at your debug logs, VisIt tried to open " /media/vm4/f76267de-ceea-44e1-b69d-06a8377e1114/ARES/Work/Flow/HPDCFillingFlow/CAL_DATA/Plot027958/Header" with Boxlib2D and that failed. Then, it tried to open with Boxlib3D and from what I can tell, that appears to have been successful.

Last resort...do you have an 2D Boxlib data? If not, you can disable the 2D boxlib plugin and then VisIt should only ever try the 3D plugin and it will be automatic.

To disable a plugin...

1.   Go to Options->Plugin Manager...

2.   Find Boxlib2D

3.   Uncheck the "Enabled" box to the left

4.   Hit the apply button

5.   Go to Options->Save Settings (makes the change permanent)

6.   Exit and restart VisIt

7.   Now try to open Boxlib 3D data as you normally would

"Zhonglin Li" wrote:

Yes! It works. I just wonder how i can fix it without telling VisIt the file type.

On Thu, Nov 8, 2018 at 10:14 AM Miller, Mark C. <miller86@llnl.gov> wrote:

1.   Start VisIt

2.   Go to File->Open File...

3.   Select the "Open file as type:" pull down

4. Find Boxlib3D in the list and select it (see attached picture)

5. navigate to the 3D boxlib "header" file you want to open and open it.

Let me know if that works.

Ordinarily, VisIt automatically determines which reader, 2D or 3D to use, but maybe that logic isn't working in your build.

Mark

"Zhonglin Li" wrote:

I have bothe 2D and 3D boxlib reader named as libbox2D.a and libbox3D.a.

On Thu, Nov 8, 2018 at 1:38 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.

BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.

Have you tried the 3D reader for your data?

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

After each attempt, email the A.mdserver.5.vlog file that is produced.

Mark

"Zhonglin Li" wrote:

I tried the new command and there was a parallel engine running. However, the same error is still occuring.

I also tried the serial engine, and the same error.

On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.
>
> Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...
>
> I think the command line would be something like...
>
> visit -np 8 -launchengine
>
> and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)
>
> Then try opening the boxlib file you tried before.
>
> Mark
>
>
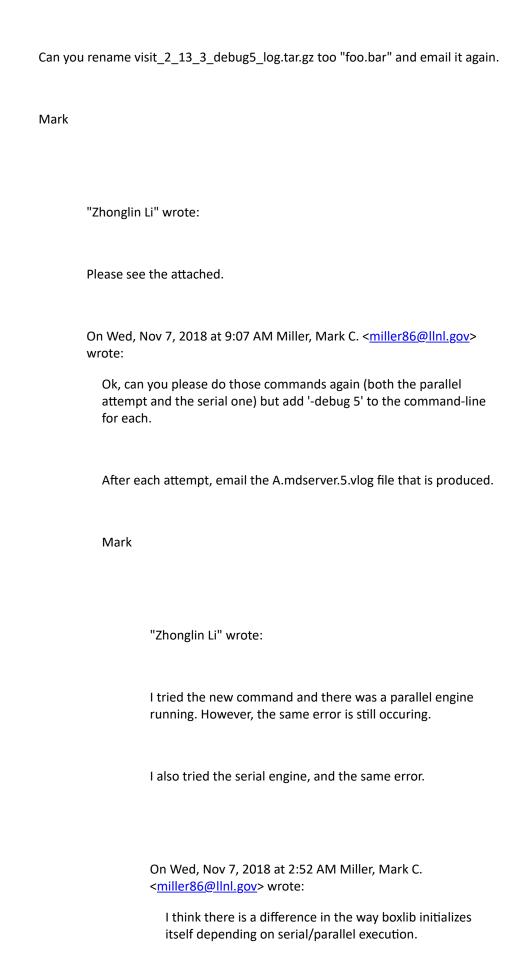> "Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize():   already initialized!!!!

My build command is:
./build_visit --static --boxlib --parallel

Can you help me with this problem?

Zhonglin

Subject: Re: [WARNING: ATTACHMENT UNSCANNED]Re: [visit-users] Open boxlib plotfile error-Sefl-built VisIt

Date: Thursday, November 8, 2018 at 8:02:03 PM Pacific Standard Time

From: Miller, Mark C.

To: Zhonglin Li

"Zhonglin Li" wrote:

If i open file without telling file type, i can't add any plot.

I have another problem with CLI mode. There is an error: undefined visit module.

I also attach some log file.

On Thu, Nov 8, 2018 at 10:42 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> Ok, good.
>
>
>
> Hmm...well, I am wondering, when you go back and try it the way you originally did and got the error message....

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

Did Visit still allow you to plot something from the file?

When I look more closely at your debug logs, VisIt tried to open " /media/vm4/f76267de-ceea-44e1-b69d-06a8377e1114/ARES/Work/Flow/HPDCFillingFlow/CAL_DATA/Plot027958/Header" with Boxlib2D and that failed. Then, it tried to open with Boxlib3D and from what I can tell, that appears to have been successful.

Last resort...do you have an 2D Boxlib data? If not, you can disable the 2D boxlib plugin and then VisIt should only ever try the 3D plugin and it will be automatic.

To disable a plugin...

1. Go to Options->Plugin Manager...
2. Find Boxlib2D
3. Uncheck the "Enabled" box to the left
4. Hit the apply button
5. Go to Options->Save Settings (makes the change permanent)
6. Exit and restart VisIt
7. Now try to open Boxlib 3D data as you normally would

> "Zhonglin Li" wrote:
>
> Yes! It works. I just wonder how i can fix it without telling VisIt the file type.
>
> On Thu, Nov 8, 2018 at 10:14 AM Miller, Mark C. <miller86@llnl.gov> wrote:
>
> > 1. Start VisIt
> >
> > 2. Go to File->Open File...
> >
> > 3. Select the "Open file as type:" pull down
> >
> > 4. Find Boxlib3D in the list and select it (see attached picture)
> >
> > 5. navigate to the 3D boxlib "header" file you want to open and open it.

Let me know if that works.

Ordinarily, VisIt automatically determines which reader, 2D or 3D to use, but maybe that logic isn't working in your build.

Mark

"Zhonglin Li" wrote:

I have bothe 2D and 3D boxlib reader named as libbox2D.a and libbox3D.a.

On Thu, Nov 8, 2018 at 1:38 AM Miller, Mark C. <miller86@llnl.gov> wrote:

I am seeing error messages that indicate you are using the 2D reader to open a 3D dataset.

BoxLib has a compile-time switch for spatial dimension. That means we have two boxlib readers, BoxLib2D and BoxLib3D for 2D and 3D data respectively.

Have you tried the 3D reader for your data?

Mark

"Zhonglin Li" wrote:

please let me know if you don't receive the attachment successfully.

On Wed, Nov 7, 2018 at 10:40 AM Miller, Mark C. <miller86@llnl.gov> wrote:

Unfortunately, the attachment was stripped by our cyber-filters.

Can you rename visit_2_13_3_debug5_log.tar.gz too "foo.bar" and email it again.

Mark

"Zhonglin Li" wrote:

Please see the attached.

On Wed, Nov 7, 2018 at 9:07 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> Ok, can you please do those commands again (both the parallel attempt and the serial one) but add '-debug 5' to the command-line for each.

> After each attempt, email the A.mdserver.5.vlog file that is produced.

> Mark

> "Zhonglin Li" wrote:

> I tried the new command and there was a parallel engine running. However, the same error is still occuring.

> I also tried the serial engine, and the same error.

> On Wed, Nov 7, 2018 at 2:52 AM Miller, Mark C. <miller86@llnl.gov> wrote:

> > I think there is a difference in the way boxlib initializes itself depending on serial/parallel execution.

Can you maybe start VisIt by also launching a parallel compute engine *before* opening a boxlib file...

I think the command line would be something like...

visit -np 8 -launchengine

and once it is up and running, confirm there is a parallel engine running (File->Compute engines..., if you see a number > 1 for processors...its parallel)

Then try opening the boxlib file you tried before.

Mark

"Zhonglin Li via visit-users" wrote:

Hi VisIt develop team,

I build VisIt 2.13.3 from source code successfully on ubuntu16.04.

However, when I open Boxlib plotfiles, an error comes out:

BoxLib::Error::ParmParse::Initialize(): already initialized!!!!

My build command is:

./build_visit –-static -–boxlib -‐parallel

Can you help me with this problem?