
Subject: prespec code

Posted by [RiccardoAvigo](#) on Tue, 16 Sep 2014 06:45:10 GMT

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Hi everyone,

I have recently installed prespec code on the server I use for the data analysis. It works fine but I received a lot of messages concerning the buffer. An example of output message is here:

```
/data/avigo/62Fe_ag63_1081.lmd
opened plugin libprespecLYCCA.so
trying to open file /data/avigo/62Fe_ag63_1081.lmdcheck header: swap=0, header=1,
buffer=0, size=32768
Check buffer: swap=0, header=1, buffer=1, size=32768
Read header again, 32768 bytes
type 2000, subtype 1
strings 12 41 8 0 0 0
Allocate 32768 bytes
-> success
Read buffer 32768
Buffer: 16358 words
Read buffer 32768
Buffer: 16360 words
Read buffer 32768
Buffer: 16360 words
Read buffer 32768
Buffer: 16360 words
Read buffer 32768
Buffer: 16360 words
Read buffer 32768
Buffer: 16360 words
Read buffer 32768
Buffer: 16360 words
Read buffer 32768
```

and so on....

may I ask you if this is a problem for the sorting and how could I solve it?

thanks in advance for the help,

cheers,

Riccardo

Subject: Re: prespec code

Posted by [miree](#) on Tue, 16 Sep 2014 09:25:13 GMT

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Hi Riccardo,

this is no problem for the sorting. It is just polluting the terminal with text.

If you want to get rid of it, you have to remove 2 lines (line 2070 and 1001 in the file eventapiV50/f_evt.c

```
2069  l_temp=read(ps_chan->l_channel_no,pc_temp, ps_chan->l_io_buf_size);
2070  // printf("Read buffer %d\n",l_temp);
2071  if(l_temp == 0)          return(GETEVT__NOMORE);

1000  if(ps_chan->ps_bufhe->l_dlen <= MAX__DLEN)l_used=ps_chan->ps_bufhe->i_used;
1001  // printf("Buffer: %d words\n",l_used);
1002  ps_chan->l_buf_posi = ps_chan->l_io_buf_posi + sizeof(s_bufhe);
```

Then recompile the eventapi and recompile prespec.

Subject: Re: prespec code
Posted by [RiccardoAvigo](#) on Tue, 16 Sep 2014 09:36:23 GMT
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Thank you very much,

it works!!

thanks again,

cheers,

Riccardo

Subject: Re: prespec code
Posted by [a_boso](#) on Mon, 23 Feb 2015 11:54:49 GMT
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Hi everybody,

I was trying to download the last version of the code, so I did:

```
- agatagsi@lx-pool.gsi.de:git/prespec
- ./configure --prefix=$HOME --with-gsievt-lib-path=/home/boso/prespec/eventapiV50
--with-gsievt-include-path=/home/boso/prespec/eventapiV50
- make install
```

I set the environment variables; I check and I have /home/boso/lib in the LD_LIBRARY_PATH

Everything seems fine; but when I launch the code I get the following errors:

```
cannot open module file "libprespecLYCCA.so": /home/boso/lib/libprespecLYCCA.so:
undefined symbol: GOMP_parallel_end
module file is not open
ERROR: Controller config: In file ./Daq/unpack_user.config line 22: library LYCCA has no
unpacker with name v830
module file is not open
ERROR: Controller config: In file ./Daq/unpack_user.config line 23: library LYCCA has no
unpacker with name v1290TMM
ERROR: Controller config: In file ./Daq/unpack_user.config line 27: couldn't find any modules
module file is not open
ERROR: Controller config: In file ./Daq/unpack_agata.config line 31: library LYCCA has no
unpacker with name v1290TMM
module file is not open
ERROR: Controller config: In file ./Daq/unpack_agata.config line 32: library LYCCA has no
unpacker with name v830
ERROR: Controller config: In file ./Daq/unpack_agata.config line 36: couldn't find any
modules
module file is not open
ERROR: Controller config: In file ./Daq/unpack_user.config line 22: library LYCCA has no
unpacker with name v830
module file is not open
ERROR: Controller config: In file ./Daq/unpack_user.config line 23: library LYCCA has no
unpacker with name v1290TMM
ERROR: Controller config: In file ./Daq/unpack_user.config line 27: couldn't find any modules
module file is not open
ERROR: Controller config: In file ./Daq/unpack_lycca.config line 24: library LYCCA has no
unpacker with name v785
module file is not open
ERROR: Controller config: In file ./Daq/unpack_lycca.config line 25: library LYCCA has no
unpacker with name v785
module file is not open
ERROR: Controller config: In file ./Daq/unpack_lycca.config line 26: library LYCCA has no
unpacker with name v785
module file is not open
...

```

and so on..

So it is a problem related with GOMP_parallel_end which doesn't permit to load the libprespecLYCCA.so library; it seems OpenMP was not properly linked during the compilation, or something similar; do you have any ideas on how to fix it?

Thank you,
Cheers,

Alberto

Subject: Re: prespec code
Posted by [miree](#) on Mon, 23 Feb 2015 12:39:30 GMT
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Hi Alberto,

some time ago I used OpenMP to make selfcalibration of DSSSD faster on multicore machines.

I removed this now since it seems to causes problems one some systems.

You can pull again. The error should be gone.... post again if not

Michael

Subject: Re: prespec code
Posted by [a_boso](#) on Mon, 23 Feb 2015 14:22:33 GMT
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Now it works!!

Thank you very much!!

Alberto
