
Subject: problems reading lcio files in direct access mode
Posted by [daniel_jeans](#) on Wed, 10 Nov 2010 14:32:16 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear LCIO experts,

We are having problems reading lcio files (using the readNextEvent method of LCReader) written with v01-51 using code compiled against lcio v01-51, when using the DirectAccess mode.

I attach a small test code to illustrate the problem. It tries to read the first 10 events of a file using the readNextEvent method. (we compile as follows: "g++ -I\${LCIO}/src/cpp/include -L\${LCIO}/lib -llcio -o testlcio.exe testlcio.cc")

When we compile against lcio v1-11, and run on a file made with v1-11, it runs fine both in direct and not-direct modes.

When we compile against v01-51, and run on a file made with v01-11, it also works fine in both modes.

When we compile against v01-51, and run on a file made with v01-51, indirect mode works fine, but using directAccess, readNextEvent (and nextRunHeader) never gives any valid events.

We notice that if we first do a readEvent (with valid run and event numbers), then readNextEvent does function properly, also in this last case.

Is this expected behaviour? It is inconvenient for us...

Thanks,
Daniel and Manqi.

File Attachments

1) [testlcio.cc](#), downloaded 712 times
