Charm++ - Bug #1968

Some libraries are built as shared libraries even without --build-shared

08/22/2018 09:20 PM - Matthias Diener

<table>
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<th>08/22/2018</th>
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Description

At least the following seem to be always built as shared libraries:

- hwloc
- QuickThreads

The following build standalone shared libraries in the style of MPI user code and should not be affected by any changes to the above:

- one of the AMPI privatization tests

History

#1 - 08/23/2018 07:43 AM - Sam White

The AMPI privatization test is meant to be built as a shared object always, to test that privatizing global variables in shared objects works.

#2 - 08/23/2018 08:26 AM - Matthias Diener

Would it make sense to do this privatization test only when compiling with --build-shared?

#3 - 08/23/2018 08:40 AM - Sam White

That test is building a library as a shared object, it doesn't matter how AMPI is built. You should always be able to build an application with a shared object linked into it no matter how you built the (A)MPI library.

#4 - 08/23/2018 11:25 AM - Evan Ramos

- Description updated