Hello World on Microsoft Windows Host

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주관: 대한컨설팅그룹 (http://www.micinside.com)
후원: Intel Korea, PDC(Parallel Development Community) http://cafe.naver.com/speedbetter
Many-core-hosted (native) Intel Xeon Phi

Coproprocessors on Microsoft Windows

Target

uOS (Linux)

Cross Compiler

PCI Express Bus (TCP/IP)

1. 192.168.1.100
   192.168.<coprocessor>.100

2. mic0
   mic<coprocessor>
Hello World - Videos

1. Intel Xeon Phi Coprocessor and Tools
   micinfo, micctrl

2. Execution Models
   1) Multi-core-hosted
      icl main.cpp
   2) Many-core-hosted(native)
      icl -Qmic main.cpp
   3) Offload
      icl -GR- main.cpp
      set OFFLOAD_REPORT=3

3. Running Many-core-hosted(native) application on Host
   micnativeloadex a.out

4. Dependency with OpenMP
   icl -Qmic -openmp main.cpp
   micnativeloadex a.out

5. Monitoring with OpenMP
   micsmc-gui