IWOCL14: Vtune Amplifier Tutorial

If you are attending the IWOCL VTune Amplifier tutorial on Monday morning you and want to "play along" with the examples, you should download and install the necessary software.

Actually to run the OpenCL* code on the integrated graphics in an Intel® processor you will need to have a 3rd or 4th generation Intel Core processor (code-named "Ivybridge" and "Haswell") running the Microsoft* Windows operating system. (If you can work out its product number you can check which type of processor you have at http://ark.intel.com)

To run OpenCL on the CPU itself you don't need such a modern CPU, but you should still install the most recent OpenCL CPU runtime :-

> 64 bit at
> http://registrationcenter.intel.com/irc_nas/3782/intel_sdk_for_ocl_applications_2013_r3_runtime_x64_setup.msi ,

> 32 bit at
> http://registrationcenter.intel.com/irc_nas/3782/intel_sdk_for_ocl_applications_2013_r3_runtime_x64_setup.msi .

Either approach will also require

1. the Intel OpenCL SDK 2013 from https://software.intel.com/en-us/vcsource/tools/opencl-sdk
2. An installation of VTune XE 2013. You can download this from https://software.intel.com/en-us/intel-vtune-amplifier-xe-evaluation-options and request an evaluation license.
   (The current beta test of VTune XE 2015 is also suitable, but is more work to install if you're not already in the beta test program).

Even if you decide not to install the OpenCL driver, you can still install VTune and use it to examine the canned profile data, which can be downloaded from https://software.intel.com/en-us/vcsource/samples/monte-carlo/

Of course, you don't **have** to do any of this; you can just sit back and enjoy the show. If you do decide to download, though, it's better to do it before you leave home than to try to rely on a potentially flaky event WiFi.

We look forward to seeing you on Monday at 9am.

* Other names and brands may be the property of others.