All the members of the OpenCL working group 2013

In the below list are the members of the OpenCL workgroup as of November 2013.

We can expect small changes each year, but this is close to the actual state. **I need the rest of Q4 to finalise all the info - any help is appreciated.**

This list has also been compiled in 2010, and you can see several differences. If the company has an SDK available, there is a link. That is a whole difference with the last list - this one is much more concrete.

Academic memberships

While such a membership costs $1000 a year, there are only three universities member in the working group. Normally this costs $10 000 and when you start in 2014 costs go to $15 000. So if you need good connections with the industry, this is a good option.

University of Bristol

Led by Simon McIntosh-Smith, the university of Bristol is doing great things in the OpenCL world. Currently most notable are their efforts to improve the OpenCL C++ wrapper.

University of Western Australia

Strong in HPC, but unclear what they're doing with OpenCL. Information welcome.

Seoul School of Computer Science and Engineering

Mostly know for their OpenCL Framework for Heterogeneous Clusters, SnuCL. Also have a 108 TFLOPS cluster, Chundoong.

Processor Manufacturers

Altera (
SDK)]

The end of last year Altera introduced their OpenCL on FPGAs beta-program, which this year has been opened up for customers of Stratix V.Next next product, the Stratix 10 will also support OpenCL.

As OpenCL has proven to reduce development-time, we can expect to hear a lot more.

AMD (
SDK)]

One of the main supporters of OpenCL since the beginning. We'll talk more about AMD later, to see what they've been doing at other fronts like HSA and hUMA.

Apple (
SDK)]

As the copyright-holder and initiator of OpenCL there is surprisingly little push from this company. OpenCL 1.2 has just been

released on the latest OSX 10.9, but no OpenCL on their mobile devices. There are rumours that iOS will get support, but there is no way to find out if this is true.

ARM (
SDK)]

ARM MALI T6xx GPUs have open support for OpenCL since end of October. ARM has several public demos showing their mobile performance.

Broadcom

No OpenCL on their Videocore, but I wouldn't be surprised if this was coming. They have been a member of this group for quite some time.

IBM

They abandoned OpenCL about a year ago.

Intel (
SDK)]

OpenCL on CPUs is already possible for quite some time, same for the Xeon Phi. New is support for new GPUs, when on Windows.

Imagination Technologies (
SDK)]

Their PowerVR is in many GPUs, including Apple phones and tablets.

Motorola

Bought by Google, which has their own proprietary solutions.

Movidius

Not public, but I have been told it is available for customers.

NVidia

Only support for OpenCL 1.1 and no sign of supporting 1.2 or 2.0. They're completely locked into CUDA - but understandable as they now able to have higher margins on their hardware. Here you can complain about their bad support for OpenCL. Porting CUDA-code to OpenCL can be done by us.

Qualcomm (
SDK)]

Their processors with Adreno 320 and 320 chips are the winners of 2013Q4, hence you see them in various phones.

ST

It has always been very unclear if they're a member as ST-Ericsson or only as ST microelectronics. Probably together with Ericsson (see below), if you look at their microcontrollers portfolio.

Case is closed, as they split up their collaboration beginning of August.

Texas Instruments

TI has OpenCL-support on their C66x multicore DSPs. No public SDK available yet, so contact your TI contact.

Vivante (
SDK)]

Starting with their GC800 series they have stable OpenCL-support.

Xilinx

Recently announced OpenCL on their FPGAs, but no demo or paper out there yet. I expect this in 2013Q4 or 2014Q1.

Device Makers

Ericsson

Like with ST, no sign of parallel life via OpenCL at all.

Nokia

Most known for their WebCL-implementation. Seems they don't do anything else.

Samsung (

SDK)]

They have their Exynos 5 platform based on ARM MALI and Imagination PowerVR.

Digital Media Professionals Inc.]

Not sure what they're doing from their website I see they are a Xilinx-partner. Any info is welcome.

Super-computers

Los Alamos

No information

Game Designers]

EA

With all the upcoming consoles using AMD processors, it is technologies supported by AMD that get into consoles. One of them is OpenCL. Not sure if they use OpenCL still.

Software Developers

Adobe

Recently introduced various OpenCL-enabled products: Premiere, Photoshop, Creative cloud.

Codeplay

Creator of compilers. Very active in Khronos, such as the High-Level Model workgroup. Website.

Fixstars

Developing OpenCL applications since 2009. Now also on FPGAs. Website.

Kishonti

Best known for their OpenCL benchmark. Website

OpenEye

Creates software for molecular modelling. website

MulticoreWare

Builds tools and software for GPUs. Website.

Presagis

Seems they bought Seaweed for their OpenGL-driver in 2010, not for investing in OpenCL.

Rightware

Has a benchmark tool for OpenCL.

Symbio

No information.

StreamHPC?

Why is StreamHPC not a member (yet)? We certainly will join when the moment is right.

Companies who left the group

Activision Blizzard

No information

Graphic Remedy

Acquired by AMD

HI

No information.

Kestrel Institute

No information

QNX

Acquired by RIM

Seaweed

Acquired by Pregasis.

Takumi

No information. Seems they decided to concentrate on OpenGL and OpenVG.

Help make this list complete

In 2010 it took several months to gather all the information, but it helped a lot of visitors to understand who is behind OpenCL. More information you can find on Khronos APIs Adopter Companies and Khronos Contributors.

I am expecting 3 to 5 new companies coming out with public SDKs in 2014.