OpenCV - Bug # 1623: ocl module have some problem in the case to run on Apple OpenCL

Status:	Cancelled	**Priority:**	High
Author:	Yasuhiro Yoshimura	**Category:**	ocl
Created:	2012-02-26	**Assignee:**	yao wang
Updated:	2013-12-28	**Due date:**	

Affected version:	2.4.0 - 2.4.6
Difficulty:	Easy
Pull request:	
Operating System:	Mac OSX
HW Platform:	Any
Description:	I checked the latest ocl module(branches/ocl rev7391) implementation.
	So, I found some problem in the case to run on Apple OpenCL.
	[problem 1]
	The following sources describe "#include <CL/cl.h>" to include OpenCL's header.
	ocl.hpp
	precomp.hpp
	safe_call.hpp
	But, Apple OpenCL does not have this header.
	So, I think that it should be changed as follows:
	#ifdef __APPLE__
	#include <OpenCL/opencl.h>
	#else
	#include <CL/cl.h>
	#endif
	[problem 2]
	Some kernel files(*.cl) and kernels.cpp use double2, double4, convert_double.
	But, this function does not supported. So, it occurs kernel build error.

Associated revisions

2013-10-24 12:18 pm - Roman Donchenko

Merge pull request #1623 from ImAlsoGreg:2.4-pkgconfig-dash-l

History

2012-02-29 04:11 pm - Kirill Kornyakov

- Category set to ocl

2012-02-29 04:11 pm - Kirill Kornyakov

- Assignee set to yao wang

2013-12-28 03:43 pm - Ilya Lavrenov

- Status changed from Open to Cancelled

- HW Platform set to Any

- Operating System set to Mac OSX

- Difficulty set to Easy

- Affected version set to 2.4.0 - 2.4.6

I'm sure that the problem solved. Closed.