

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

|                          |   |                  |          |
|--------------------------|---|------------------|----------|
| <b>Status:</b>           | Cancelled   | <b>Priority:</b> | High     |
| <b>Author:</b>           | Yasuhiro Yoshimura  | <b>Category:</b> | ocl      |
| <b>Created:</b>          | 2012-02-26  | <b>Assignee:</b> | yao wang |
| <b>Updated:</b>          | 2013-12-28  | <b>Due date:</b> |          |
| <b>Affected version:</b> | 2.4.0 - 2.4.6   |                  |          |
| <b>Difficulty:</b>       | Easy  |                  |          |
| <b>Pull request:</b>     |   |                  |          |
| <b>Operating System:</b> | Mac OSX   |                  |          |
| <b>HW Platform:</b>      | Any   |                  |          |
| <b>Description:</b>      | <p>I checked the latest ocl module(branches/ocl rev7391) implementation.<br/>So, I found some problem in the case to run on Apple OpenCL.</p> <p>[problem 1]<br/>The following sources describe "#include &lt;CL/cl.h&gt;" to include OpenCL's header.<br/>ocl.hpp<br/>precomp.hpp<br/>safe_call.hpp</p> <p>But, Apple OpenCL does not have this header.<br/>So, I think that it should be changed as follows:</p> <pre>#ifdef __APPLE__ #include &lt;OpenCL/opencl.h&gt; #else #include &lt;CL/cl.h&gt; #endif</pre> <p>[problem 2]<br/>Some kernel files(*.cl) and kernels.cpp use double2, double4, convert_double.<br/>But, this function does not supported. So, it occurs kernel build error.</p> |                  |          |

### 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 Korniyakov

- Category set to ocl

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

- 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.