

## Image Component Library - Bug #152

### Libfreenect on precise seems to miss some stuff

2013-02-20 18:42 - Christof Elbrechter

<b>Status:</b> Closed	<b>Start date:</b> 2013-02-20
<b>Priority:</b> Urgent	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> icl-8.0	

**Description**

Obviously, the libfreenect version shipped with precise is not identical to the version shipped with quantal. While the quantal version seems to provide all necessary symbols for our KinectGrabber, the precise-version seems to be older and therefore some of the used types/functions are missing

- can we fix this ?
- otherwise, we could try to check , which libfreenect version is available and then if necessary just disable some ICL features
- as far as i know, it could be the case, that grabber the kinect intensity-image was not supported in older libfreenect versions

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/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:96:9: error: 'FREENECTAPI' does not name a type
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp: In member function 'void icl::io::FreenectDevice::setMode(icl::io::KinectGrabber::Mode, icl::io::FreenectDevice::Used*, const icl::utils::Size&)':
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:282:11: error: 'freenect_frame_mode' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:282:31: error: expected ';' before 'm'
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:286:57: error: 'FREENECT_VIDEO_DUMMY' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:289:11: error: 'freenect_resolution' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:289:31: error: expected ';' before 'res'
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:293:13: error: 'm' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:293:42: error: 'res' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:293:61: error: 'freenect_find_video_mode' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:295:13: error: 'm' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:295:42: error: 'res' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:295:67: error: 'freenect_find_depth_mode' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:298:16: error: 'm' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:301:48: error: 'm' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:301:49: error: 'freenect_set_video_mode' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:303:48: error: 'm' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:303:49: error: 'freenect_set_depth_mode' was not declared in this scope
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp: In constructor 'icl::io::FreenectDevice::FreenectDevice(icl::io::FreenectContext&, int, icl::io::KinectGrabber::Mode, icl::utils::Size)':
/home/jenkins/workspace/icl-trunk/label/ubuntu_precise_32bit/icl/ICLIO/src/ICLIO/KinectGrabber.cpp:318:20: error: 'class icl::io::FreenectContext' has no member named 'openDevice'
make2: *** [ICLIO/CMakeFiles/ICLIO.dir/src/ICLIO/KinectGrabber.cpp.o] Error 1
```

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## History

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#1 - 2013-02-21 11:23 - Christof Elbrechter

- Status changed from New to Closed