

Image Component Library - Bug #152

Libfreenect on precise seems to miss some stuff

2013-02-20 18:42 - Christof Elbrechter

Status: Closed	Start date: 2013-02-20
Priority: Urgent	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: 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

```
/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
```

History

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

- Status changed from New to Closed