

RSB OpenCV [Deprecated] - Bug #812

RSBVideoReceiver Compilation Broken / Broken YUV422 Conversion

01/20/2012 03:49 PM - S. Wrede

Status:	Resolved	Start date:	01/20/2012
Priority:	Normal	Due date:	
Assignee:	M. Havlena	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			

Description

Due to the fact that the RSBVideoReceiver is currently not versioned but used in a 0.5 as well as a 0.6 deployment context, we should explicit take of that. Furthermore, the following issues were reported by Michal:

1) gcc 4.6.1 does not like assigning * types to &
rsbvideosender.cpp:98:60: error: invalid initialization of non-const reference of type 'rsc::logging::LoggerFactory&' from an rvalue of type 'rsc::logging::LoggerFactory*'
rsbvideoreceiver.cpp:77:60: error: invalid initialization of non-const reference of type 'rsc::logging::LoggerFactory&' from an rvalue of type 'rsc::logging::LoggerFactory*'
this can be easily fixed by using LoggerFactory* and -> instead of . on the following line

2) for message of type COLOR_YUV422, it seems that no image data are allocated before calling the conversion to BGR, so there might be an extra line before 216 of IplImageConverter.cpp:
cvCreateData(image);
otherwise it produces a SegmentationFault (at least with mine OpenCV 2.3.1)

3) messages sent by the robot (Atom head, SDK1.12-RSB0.5-alpha) have channels() set to 2, this is probably a bug. As a workaround, I had to change line 203 of IplImageConverter.cpp to:

```
3);
```

Related issues:

Copied to RSB OpenCV - Bug # 2688: RSBVideoReceiver Compilation Broken / Brok...

Resolved

01/20/2012

History

#1 - 01/20/2012 03:58 PM - M. Havlena

- Status changed from New to Resolved

1) was fixed by David already
2) and 3) was just committed by me

#2 - 01/20/2012 09:19 PM - S. Wrede

- Assignee changed from S. Wrede to M. Havlena
- % Done changed from 0 to 100

Great! Thx for the fix!

#3 - 01/31/2012 12:15 PM - S. Wrede

- *Target version deleted (0.6)*

#4 - 01/26/2017 01:11 PM - J. Moringen

- *Copied to Bug #2688: RSBVideoReceiver Compilation Broken / Broken YUV422 Conversion added*