

Cognitive Interaction Toolkit - Bug #598

OpenCV build fails with compiler error, because incompatible protoc is used

2021-07-12 17:58 - Robert Haschke

Status:	Closed	Start date:	2021-07-12
Priority:	High	Due date:	
Assignee:	Thorben Markmann	% Done:	0%
Category:	Recipe	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
<p>Recently Thorben Markmann changed cmake options for opencv-plus-contrib-cuda to BUILD_PROTOBUF=OFF. This requires an external, up-to-date protobuf compiler (OpenCV uses protoc 3.5.2 internally by default otherwise).</p> <p>However, Ubuntu 18.04 ships with 3.0.0 only. Hence, with that option enabled, I get the following compiler error: error: no match for 'operator[]' (operand types are 'const google::protobuf::RepeatedField<long int>' and 'int')</p> <p>Probably, Thorben, you use your own (newer) version of protoc.</p> <p>If so, please configure the cmake option locally for your distro instead of breaking all other existing distros.</p>			

History

#1 - 2021-09-20 14:51 - Thorben Markmann

- Status changed from New to In Progress

#2 - 2021-09-21 10:42 - Thorben Markmann

- Status changed from In Progress to Feedback

Hey, I introduced a pattern matching version at the end of the versions list, not knowing it would overwrite versions defined under variables->branches. Sorry for breaking other distributions.

Because I am experimenting with various OpenCV versions and a newer protobuf version, I added a new regex version of style "v4.4.0-no-protobuf" which won't break other distros. I also updated the general regex version (so it doesn't change the "default" parameters) and deleted the numeric versions from variables->branches since they won't get matched anymore. I pushed the changes to the new branch "bug/opencv". If you have no further objections to my changes, I will merge them to the master at the end of the week.

#3 - 2021-09-30 12:05 - Thorben Markmann

- Status changed from Feedback to Closed