

## Cognitive Interaction Toolkit - Bug #598

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

2021-07-12 17:58 - Robert Haschke

|   |                  |                        |            |
|---|------------------|------------------------|------------|
| <b>Status:</b>  | Closed           | <b>Start date:</b>     | 2021-07-12 |
| <b>Priority:</b>  | High             | <b>Due date:</b>       |            |
| <b>Assignee:</b>  | Thorben Markmann | <b>% Done:</b>         | 0%         |
| <b>Category:</b>  | Recipe           | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>  |                  | <b>Spent time:</b>     | 0.00 hour  |
| <b>Description</b>  |                  |                        |            |
| <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:<br/>error: no match for 'operator[]' (operand types are 'const google::protobuf::RepeatedField&lt;long int&gt;' and 'int')</p> <p>Probably, Thorben, you use your own (newer) version of protoc.<br/>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