

COMPUTER VISION – final project

USER GUIDE

In this little guide is reported the organization of the delivered project.

the source file of the project is called “CV_final_project.cpp” and it is present in the folder “source”. the program was designed to be run from the "build" folder; so, starting from the cmake file “CmakeLists.txt”, the final destination of the building process must be the “build” folder. At the end, the .exe file must be present in the “build” folder. The project is thought to be executed in this particular path because, exploiting relative path, it is able to access to all the data and file that it need to use for compile the solution in a correct way. The “additional_sources” folder contain some extra files, described in the report. Cascade and SVM are the folder that contain the cascade of classifier and HOG-SVM model used for the object detection. “final_results” folder contains the pre-compiled results. “results” is the folder in which the program will save the results during the execution.”source” is the folder that contain the main project.cpp. “TEST_DATASET” contain the images that must be tested.

Warning: the program is designed to save the visualization of final result in the folder “results”. There could be some problem with the antivirus, if it is active. In the following it is reported the organization of the folder in the delivered project.

▷	additional_sources	folder that contains .cpp file used as additional processing source
▷	build	folder that will contain the builded program (.exe file)
▷	cascade	folder that contain the trainade cascade of classifier model
▷	final_results	folder that contain the pre-builded results
▷	results	folder that contain the saved results when .exe program in "build" folder is executed
▷	source	folder that contain the main program .cpp that must be builded
▷	SVM	folder that contain the trained SVM model
▷	TEST_DATASET	folder that contain test images
	CMakeLists.txt	cmake file .txt for building the program .cpp

