

Analysis of behavioral patterns of *Drosophila Melanogaster* species is a subject of study of many laboratories. The behavior of individuals, for example in different gene lines, is monitored. In order for this analysis to be possible, it is necessary to have a device that is capable of tracking the fly and providing machine-readable data about them. These data are the output of a trace program `FlyCatcher`, which records the positions of the observed objects. Thanks to this, we can determine the location, the mutual position of individuals and other parameters. `FlyCatcher` is based on the use of the `AForge` library which handles multimedia files. `FlyCatcher` lets us process videos made in the lab and provide outputs in the `.csv` format. This format is further processed by external statistical programs.