

ViSOR

Vision Software Open Repository

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1 Desiderata

ViSOR (Vision Software Open Repository) is a repository of computer vision software hosted by the Centre for Machine Perception at the Czech Technical University in Prague. Its goals are:

1. To disseminate a wide range of software and data for computer vision.
2. To facilitate quantifiable comparisons of computer vision methods by providing both the source code of the algorithms and the test data.
3. To encourage the widest possible cooperation in the development and testing of new computer vision software.
4. To make the hosted software freely available for use and for modification (open source).
5. To provide a focal point for discussion of ideas for further improvements in computer vision software.

2 Hosting Requirements

The software hosted under ViSOR is not a monolithic package. It is a collection of heterogeneous tools, small and large, by various authors.

Some of the software packages may interface so as to work together. While this is encouraged, it is not a requirement. In order for a software package to be hosted by ViSOR, it has to satisfy these simple requirements:

1. It should be submitted by the author, i.e. the owner of the copyright and/or the intellectual rights. Generally speaking, the author automatically owns these rights.
2. The author's name should be written clearly in a comment on the first line of each of the source files he/she is contributing. This is a good practice whenever writing any software. The author's affiliation (if any) should be added, as well as contact details (email).
3. The open source licence under which the software is being made available should be clearly identified and supplied in a plain file `license.txt`. Possible choices are: BSD, GNU version3, etc.
4. The following documentation should be provided: a brief overall description for the WIKI pages, and a more detailed manual or user guide in `.pdf`. It should specify the environment under which the software runs and should concisely state all the details necessary to run it successfully without having to spend time searching for additional information.
5. Test data file(s) in the correct format should be included, so that a test run of the algorithm can be easily and quickly reproduced. The test files should be of minimal length necessary for this purpose.