
Software & Libraries

OpenCV (<http://opencv.org/>)

Summary

The biggest and the most extensive open source computer vision library. OpenCV has more than 47 thousand people of user community and estimated number of downloads exceeding 10 million.

Languages

C/C++ with interfaces to Python and Java.

Platforms

Windows, Linux, Mac OS, iOS, Android, Raspberry Pi, and NVIDIA Jetson TK1.

License (<http://opencv.org/license.html>)

BSD : It is free for both academic and commercial use.

Note : Not all parts of OpenCV are free.

VLFeat (<http://www.vlfeat.org/>)

Summary

Computer vision algorithms specializing in image understanding and local features extraction and matching.

Languages

C with interfaces in MATLAB

Platforms

Windows, Mac OS X, and Linux.

License

BSD : It is free for academic and commercial use.

SimpleCV (<http://simplecv.org/>)

Summary

SimpleCV is an open source wrapper around computer vision libraries such as OpenCV that hides some of its complexities.

Languages

Python

Platforms

Windows, Mac OS X, Linux, and Raspberry Pi.