ImageSource

Reference Document

Prepared by:

Kevin Ryans

Paul Vilchez

# Introduction

This document outlines the resources used by ImageSource for its development and documentation.

# Doxygen (doxygen.org)

Doxygen is a documentation editor with support for C#, the language ImageSource was developed in. It is an open source program, licensed under the GPL.

Doxygen generates documentation using comments inside of the program source code. It can output this documentation in a number of forms including PDF and HTML.

Doxygen can be found at [www.doxygen.org](http://www.doxygen.org).

ImageSource uses Doxygen 1.7.2.

# Emgu CV (emgu.com)

Emgu CV is an open source wrapper for the OpenCV Image Processing Library. The wrapper allows .NET languages (such as C#) to access the functions within OpenCV. Emgu CV is available under a dual-license system, which includes the GNU General Public License.

Emgu CV can be found at [www.emgu.com](http://www.emgu.com).

ImageSource uses Emgu CV 2.1.

# OpenCV (opencv.willowgarage.com/wiki/)

From the OpenCV homepage, OpenCV is “library of programming functions for real time computer vision.” OpenCV is an open source project, under a BSD license.

OpenCV can be found at http:// opencv.willowgarage.com/wiki/.

ImageSource uses OpenCV 2.1.