



ATI STREAM COMPUTING SAMPLE

Recursive Gaussian

1 Overview

1.1 Location `$(ATISTREAMSDKSAMPLESROOT)\samples\opencl\cl\app`

1.2 How to Run See the *Getting Started* guide for how to build samples. You first must compile the sample.

Use the command line to change to the directory where the executable is located. The default executables are placed in `$(ATISTREAMSDKSAMPLESROOT)\samples\opencl\bin\x86` for 32-bit builds and `$(ATISTREAMSDKSAMPLESROOT)\samples\opencl\bin\x86_64` for 64-bit builds.

Type the following command(s).

1. `RecursiveGaussian`
This applies recursive Gaussian filter on input image.
2. `RecursiveGaussian -h`
This prints the help message.

1.3 Command Line Options [Table 1](#) lists, and briefly describes, the command line options.

Table 1 Command Line Options

Short Form	Long Form	Description
-h	--help	Shows all command options and their respective meanings.
-q	--quiet	Quiet mode. Suppresses all text output.
-e	--verify	Verify results against reference implementation.
-v	--verbose	Verbose output.
-t	-timing	Print timing.
	--device	Devices on which the program is to be run. Acceptable values are <code>cpu</code> or <code>gpu</code> .

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