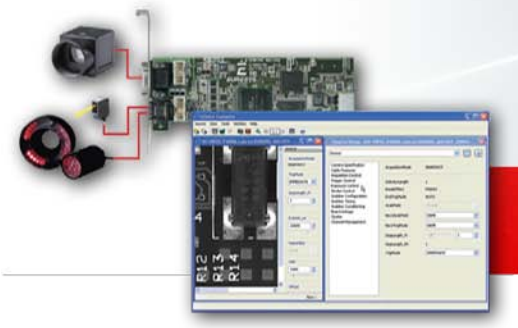

MultiCam™

MultiCam 6.7 Sample Programs for Linux

Release date: April 8, 2011

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PICOLO series

picolo_video

This is a simple SDL based application that acquires and displays live images using the first Picolo board detected by MultiCam.

Linux C/C++, 32/64 bit, SDL

Domino series

domino_snapshot _trigger

This is a simple SDL based application demonstrating the MultiCam ***Snapshot acquisition mode*** using a Domino board. The program performs one frame acquisition and displays it each time a hardware or software trigger event occurs.

Linux C/C++, 32/64 bit, SDL

GRABLINK series

grablink_snapshot_trigger

This is a simple SDL based application demonstrating the MultiCam ***Snapshot acquisition mode*** using a Grablink board. The program performs one frame acquisition and displays it each time a hardware or software trigger event occurs.

This sample code is written for the Grablink Base and the Grablink Full models. To use it with a Grablink Dual Base board, the MultiCam parameter "Connect" has to be changed according to the sample program comments. For any other Grablink board model, the "TrigCtl" parameter has to be updated according to the sample program comments.

Linux C/C++, 32/64 bit, SDL

grablink_web

This is a simple SDL based application demonstrating the MultiCam ***Web acquisition mode*** on a Grablink board. The program performs continuous web acquisition and display.

Linux C/C++, 32/64 bit, SDL

terminal

This is a console application demonstrating the serial communication with a Grablink boards using the clseremc CameraLink library.

Linux C/C++, 32/64 bit

Miscellaneous

multicam_advance_waitsignal

This is a simple SDL based application demonstrating the MultiCam ***Snapshot acquisition mode*** using the McWaitSignal function instead of the callback signaling method. The program performs a continuous image acquisition and display.

Note: this sample was written for Grablink board but can easily be adapted to be used with any other series.
Linux C/C++, 32/64 bit, SDL

io_test

A simple console application demonstrating the usage of I/O lines with the MultiCam Board object.

Linux C/C++, 32/64 bit