Allied Vision

Installing libpng12

V1.0.0

Introduction

By default, Ubuntu 18.04 supports libpng16. On ARM-based systems like NVIDIA Jetson, starting Vimba Viewer or any other qt-based Vimba example causes an error, because they are linked to libpng12. To avoid the error, we recommend installing libpng12 or compiling an example from the sources.

Installing libpng12

To install libpng12:

```
# Download libpng12 from https://packages.ubuntu.com/xenial/libpng12-0
tar xvf libpng_1.2.54.orig.tar.xz
cd libpng-1.2.54
./autogen.sh
./configure
make -j8 # Use the number of kernels of your system
sudo make install
sudo ldconfig
# Reboot the system
```

Compiling from the sources

Navigate to the examples directory, for example, Vimba Viewer. Compiling will create a binary linked to libpng16, which is already on the system.

```
# Navigate to your Vimba installation directory
cd VimbaCPP/Examples/VimbaViewer/Build/Make
make -j8 # Use the number of kernels of your system
sudo make install
```