iMX6 Integrity Prerequisites

Hardware: NXP iMX6 SABRE Automotive

CGI Studio has been tested on NXP iMX6 DualPlus SABRE Automotive Infotainment Board (Sabre AI).

CMake

In order to build Candera, the Meta build system CMake needs to be installed with at least version mentioned here.
CMake is able to create the cross compilation make files that can be used with Green Hills MULTI compiler.

MinGW

To allow cross compilation with makefiles, MinGW 5.1.6 was used for this release.

Green Hills Toolchain

The build tool chain is not part of the delivery. Green Hills MULTI compiler, Green Hills Integrity and the according iMX6 Sabre BSP patch have to be obtained directly from Green Hills and installed according to their installation guide.

CGI Studio was tested with **MULTI IDE 6.1.6, Compiler 2014.1.6** with **compiler patch 9431** and **INTEGRITY for ARM v11.0.4** including iMX6 SABRE Automotive BSP and Vivante Graphics Stack **Vivante_GPU_v5011p4_r223261** . We recommend a clean install of Integrity and iMX6 SABRE Automotive BSP!

The Green Hills Probe was setup with **Green Hills Probe Firmware prerelease Version 5.3**.

Vivante Graphics Driver

The graphics driver is not part of this release. CGI Studio was integrated and tested with the Vivante Graphics stack included in The Green Hills iMX6 SABRE Automotive BSP mentioned above

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