

CGI Studio 3.15.1

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General 3.15.1

This page describes general updates that were made to CGI Studio version 3.15.1.

Scene Composer

- Improved import procedures
- General performance improvements

Sample Solution

- Updated GettingStartedControls Solution
- Updated Post Processing Solution
- Updated 3D Effects Solution

New CMake Environment

Added CMake flags to customize Control behaviors

Documentation

Added ["Candera Graphics Programming"](#) as a best practice for Traveo2.

Professional Edition

Improved CGI Studio Professional Edition installer and easier user onboarding with supported platforms.

Candera 3.15.1

Candera Engine

- [Dirty Area Management](#) support added
- Improved performance for several rendering related functions
- Switched from zlib to miniz to reduce code size
- Improved touch interaction handling
- Bitmap Stride information is automatically set on supported platforms

Controls 3.15.1

Core Controls

Added a new set of Core Controls

- CoreDial
- CoreText
- CoreButton
- CoreDigitalClock
- CoreProgressBar
- CoreTextButton
- CoreCheckBox
- CoreToggleButton
- CoreRadioButton
- CoreTextValue
- CoreSlider
- CoreScrollView
- CoreMultiStateButton

Behavior 3.15.1

Image and Video Decoding

- JPEG Decoder: Traveo II behavior to allow usage of the platforms JPEG decoder

Value Processing

- Value Generator behavior added

Scene Composer 3.15.1

New Feature

- Dirty Area Management added
- Bitmap stride information can be configured on asset export

Import feature improvements

- Added new FBX import options
- Improved glTF import
- Smart Importer
 - Added "Freehand dialog background color" to the Smart Importer preferences
 - Adjusted default values for pivot points

Other improvements

- Performance improvements
- Improved connection handling to target when using Text Size Report
- Other minor modifications

Solutions

- Getting Started Controls extension to showcase Core Controls
- Upgraded Post Processing Sample
- Improved 3D Effects Solution