

FeatStd Features

CMake feature switches have been renamed for V3.x releases, see [Change Log](#)

Select FeatStd Features

The FeatStd library feature set is specified by the following CMake settings:

Name	Description	Possible values
FEATSTD_LOG_ENABLED	Whether or not CGI-Studio logging system shall be enabled.	ON/OFF
FEATSTD_SYSTEM_MEMORY_STATISTICS_ENABLED	Whether or not CGI-Studio shall collect memory allocation statistics.	ON/OFF
FEATSTD_SYSTEM_MEMORY_STATISTICS_FILE_AND_LINE_TRACKING_ENABLED	If FEATSTD_SYSTEM_MEMORY_STATISTICS_ENABLED is enabled, this option can be enabled to generate file and line number output for memory allocation statistics.	ON/OFF
FEATSTD_FRACTIONAL_NUMBER_TYPE	Configures the build system to replace the 32 bit fractional number representation (designated in e.g. Candera by the symbol Float), with one of 3 options: • Float floating point representation • Fixed16p16 fixed point implementation with 16 bit integer part and 16 bit fractional part. • Fixed24p12 fixed point implementation with 24 bit integer part and 12 bit fractional part. The fixed point implementation used is <code>FixedPointPlatform::FixedPoint</code> and the mathematical functions are defined in <code>FixedPointPlatform::Math</code>.	Float Fixed16p16 Fixed24p12

FEATSTD_MONITOR_ENABLED	Enable CGI Analyzer compliant performance tracing (compile time switch). Monitor is an optional module only available upon special request. To enable this feature, CGI Analyzer tool chain which is a separate add-on component to CGI Studio, is required.	ON/OFF
FEATSTD_GLERRORS_AND_EGLERRORS_ENABLED	Enables calls to glGetError and eglGetError.	ON/OFF

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