



NVIDIA VIDEO CODEC SDK

v10.0 | June 2020

Deprecation Notices



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Chapter 1.

DEPRECATION NOTICES

The support for the following features and functionality in the existing Video Codec SDK(s) are planned to be removed in future. Hence we request and encourage all users of the SDK to take a note of this.

NVENCODE API

1. The support for NVENC presets listed below will be removed in future SDK versions.

- ▶ `NV_ENC_PRESET_DEFAULT_GUID`
- ▶ `NV_ENC_PRESET_HP_GUID`
- ▶ `NV_ENC_PRESET_HQ_GUID`
- ▶ `NV_ENC_PRESET_BD_GUID`
- ▶ `NV_ENC_PRESET_LOW_LATENCY_DEFAULT_GUID`
- ▶ `NV_ENC_PRESET_LOW_LATENCY_HQ_GUID`
- ▶ `NV_ENC_PRESET_LOW_LATENCY_HP_GUID`
- ▶ `NV_ENC_PRESET_LOSSLESS_DEFAULT_GUID`
- ▶ `NV_ENC_PRESET_LOSSLESS_HP_GUID`

Users are therefore recommended to move to the new presets defined in Video Codec SDK 10.0. Please note that the sample applications in the SDK illustrate the new presets only.

2. The support for NVENC rate control modes listed below will be removed in future SDK versions.

- ▶ `NV_ENC_PARAMS_RC_CBR_LOWDELAY_HQ`
- ▶ `NV_ENC_PARAMS_RC_CBR_HQ`
- ▶ `NV_ENC_PARAMS_RC_VBR_HQ`

3. Refer to the migration guide for achieving the equivalent functionality for the presets and rate control modes listed above.

NVDECODE API

1. Support for **CUvideosource** and the associated APIs including **cuvidCreateVideoSource**, **cuvidCreateVideoSourceW**, **cuvidDestroyVideoSource**, **cuvidSetVideoSourceState**, **cuvidGetVideoSourceState**, **cuvidGetSourceVideoFormat**, **cuvidGetSourceAudioFormat** will be removed from the decoder API in future SDK versions. Please note that the new decode sample applications in the SDK do not use these APIs, but use FFmpeg instead.

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