



# NVIDIA VIDEO CODEC SDK

## Deprecation Notices

# Table of Contents

Chapter 1. Deprecation Notices..... 1

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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.

## NVENC CODE API

1. The support for NVENC presets listed below will be removed after Q1'2023.

- ▶ 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. 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 after Q1'2023.

- ▶ 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.
4. The support for `ltrUsageMode` for H264 and HEVC will be removed in future SDK versions

## NVDEC CODE API

1. Support for `CUvideosource` and the associated APIs including `cuidCreateVideoSource`, `cuidCreateVideoSourceW`, `cuidDestroyVideoSource`, `cuidSetVideoSourceState`, `cuidGetVideoSourceState`, `cuidGetSourceVideoFormat`,

`cupidGetSourceAudioFormat` will be removed from the decoder API after Q1'2023. Please note that the new decode sample applications in the SDK do not use these APIs, but use FFmpeg instead.

2. Support for CUDA 3.1 API will be removed in future SDK versions.

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