NVIDIA VIDEO CODEC SDK

Deprecation Notices

弃用通知

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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. 现有视频编解码 SDK 中的以下特性及功能支持计划在未来版本中移除。因此，我们建议并鼓励所有 SDK 用户留意本通知内容。

NVENCODE API

1. The support for NVENC presets listed below will be removed in future SDK versions. 未来的 SDK 版本将不再支持以下 NVENC 预设
   - `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. 因此，建议用户迁移至新的预设。请注意，SDK 中的示例应用程序仅展示新预设的使用方法
2. The support for NVENC rate control modes listed below will be removed in future SDK versions. 未来的 SDK 版本将不再支持以下 NVENC 码率控制模式
   - `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. 有关如何实现上述预设及码率控制模式等效功能的信息，请参考迁移指南。

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.

未来的 SDK 版本将从解码器 API 中移除对 CUvideosource（CUDA 视频源）及相关 API 的支持，涉及的 API 包括：cuvidCreateVideoSource（创建 CUDA 视频源）、cuvidCreateVideoSourceW（宽字符版创建 CUDA 视频源）、cuvidDestroyVideoSource（销毁 CUDA 视频源）、cuvidSetVideoSourceState（设置 CUDA 视频源状态）、cuvidGetVideoSourceState（获取 CUDA 视频源状态）、cuvidGetSourceVideoFormat（获取视频源视频格式）、cuvidGetSourceAudioFormat（获取视频源音频格式）。请注意，SDK 中的新解码示例应用程序不再使用这些 API，而是采用 FFmpeg。

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