MMDeviceAPI 标题

1. 功能

Function Discover the endpoint device, determine their capabilities, and create driver instances for those device.

可以通过该接口来发现所有的终端设备，决定他们的能力，以及为这些设备创建驱动实例。

1. 用法

相关的头文件为Mmdeviceapi.h。

1. Entry Point Interface

Function Discover the endpoint device, determine their capabilities, and create driver instances for those device.all interface si access by the MMDeviceEnumerator. It can obtain the Enumerator of devices.

const CLSID CLSID\_MMDeviceEnumerator = \_\_uuidof(MMDeviceEnumerator); // 获得MMDevice迭代器接口CLSID

const IID IID\_IMMDeviceEnumerator = \_\_uuidof(IMMDeviceEnumerator);

hr = CoCreateInstance( CLSID\_MMDeviceEnumerator, NULL,

CLSCTX\_ALL, IID\_IMMDeviceEnumerator, (void\*\*)&pEnumerator);

1. Key Interfaces

IMMDevice

IMMDeviceCollection

IMDeviceEnumerator

IMMEndPoint

IMMNotificationClient

1. Api around Programing

MMDevice API

WASAPI

DeviceTopology API

EndpointVolume API

Structures

Enumeration and Costants

Audio Endpoint Properties

The audio core APIs are implement in mmdevapi.dll, Audioses.dll. and they run in user mode.

These APIs serve higher-level audio API, such as DirectSound, waveXxx.