/\* interface IDXGISwapChain \*/

/\* [unique][local][uuid][object] \*/

EXTERN\_C const IID IID\_IDXGISwapChain;

#if defined(\_\_cplusplus) && !defined(CINTERFACE)

MIDL\_INTERFACE("310d36a0-d2e7-4c0a-aa04-6a9d23b8886a")

IDXGISwapChain : public IDXGIDeviceSubObject

{

public:

virtual HRESULT STDMETHODCALLTYPE Present(

/\* [in] \*/ UINT SyncInterval,

/\* [in] \*/ UINT Flags) = 0;

virtual HRESULT STDMETHODCALLTYPE GetBuffer(

/\* [in] \*/ UINT Buffer,

/\* [annotation][in] \*/

\_In\_ REFIID riid,

/\* [annotation][out][in] \*/

\_COM\_Outptr\_ void \*\*ppSurface) = 0;

virtual HRESULT STDMETHODCALLTYPE SetFullscreenState(

/\* [in] \*/ BOOL Fullscreen,

/\* [annotation][in] \*/

\_In\_opt\_ IDXGIOutput \*pTarget) = 0;

virtual HRESULT STDMETHODCALLTYPE GetFullscreenState(

/\* [annotation][out] \*/

\_Out\_opt\_ BOOL \*pFullscreen,

/\* [annotation][out] \*/

\_COM\_Outptr\_opt\_result\_maybenull\_ IDXGIOutput \*\*ppTarget) = 0;

virtual HRESULT STDMETHODCALLTYPE GetDesc(

/\* [annotation][out] \*/

\_Out\_ DXGI\_SWAP\_CHAIN\_DESC \*pDesc) = 0;

virtual HRESULT STDMETHODCALLTYPE ResizeBuffers(

/\* [in] \*/ UINT BufferCount,

/\* [in] \*/ UINT Width,

/\* [in] \*/ UINT Height,

/\* [in] \*/ DXGI\_FORMAT NewFormat,

/\* [in] \*/ UINT SwapChainFlags) = 0;

virtual HRESULT STDMETHODCALLTYPE ResizeTarget(

/\* [annotation][in] \*/

\_In\_ const DXGI\_MODE\_DESC \*pNewTargetParameters) = 0;

virtual HRESULT STDMETHODCALLTYPE GetContainingOutput(

/\* [annotation][out] \*/

\_COM\_Outptr\_ IDXGIOutput \*\*ppOutput) = 0;

virtual HRESULT STDMETHODCALLTYPE GetFrameStatistics(

/\* [annotation][out] \*/

\_Out\_ DXGI\_FRAME\_STATISTICS \*pStats) = 0;

virtual HRESULT STDMETHODCALLTYPE GetLastPresentCount(

/\* [annotation][out] \*/

\_Out\_ UINT \*pLastPresentCount) = 0;

};