EXTERN\_C const IID IID\_IDXGIOutput;

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

MIDL\_INTERFACE("ae02eedb-c735-4690-8d52-5a8dc20213aa")

IDXGIOutput : public IDXGIObject

{

public:

virtual HRESULT STDMETHODCALLTYPE GetDesc(

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

\_Out\_ DXGI\_OUTPUT\_DESC \*pDesc) = 0;

virtual HRESULT STDMETHODCALLTYPE GetDisplayModeList(

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

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

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

\_Inout\_ UINT \*pNumModes,

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

\_Out\_writes\_to\_opt\_(\*pNumModes,\*pNumModes) DXGI\_MODE\_DESC \*pDesc) = 0;

virtual HRESULT STDMETHODCALLTYPE FindClosestMatchingMode(

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

\_In\_ const DXGI\_MODE\_DESC \*pModeToMatch,

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

\_Out\_ DXGI\_MODE\_DESC \*pClosestMatch,

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

\_In\_opt\_ IUnknown \*pConcernedDevice) = 0;

virtual HRESULT STDMETHODCALLTYPE WaitForVBlank( void) = 0;

virtual HRESULT STDMETHODCALLTYPE TakeOwnership(

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

\_In\_ IUnknown \*pDevice,

BOOL Exclusive) = 0;

virtual void STDMETHODCALLTYPE ReleaseOwnership( void) = 0;

virtual HRESULT STDMETHODCALLTYPE GetGammaControlCapabilities(

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

\_Out\_ DXGI\_GAMMA\_CONTROL\_CAPABILITIES \*pGammaCaps) = 0;

virtual HRESULT STDMETHODCALLTYPE SetGammaControl(

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

\_In\_ const DXGI\_GAMMA\_CONTROL \*pArray) = 0;

virtual HRESULT STDMETHODCALLTYPE GetGammaControl(

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

\_Out\_ DXGI\_GAMMA\_CONTROL \*pArray) = 0;

virtual HRESULT STDMETHODCALLTYPE SetDisplaySurface(

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

\_In\_ IDXGISurface \*pScanoutSurface) = 0;

virtual HRESULT STDMETHODCALLTYPE GetDisplaySurfaceData(

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

\_In\_ IDXGISurface \*pDestination) = 0;

virtual HRESULT STDMETHODCALLTYPE GetFrameStatistics(

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

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

};