**IURLSearchHook interface**

Exposes a method that is used by the browser to translate the address of an unknown URL protocol.

HRESULT STDMETHODCALLTYPE CShellURLSearchHookExt::Translate(LPWSTR lpszSearchURL, DWORD cchBufferSize)

{

USES\_CONVERSION;

TCHAR szInfo[MAX\_PATH] = {0};

sprintf(szInfo, "URL:[%d][%s]" ,cchBufferSize, OLE2CT(lpszSearchURL));

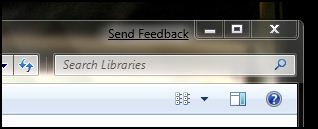
GfxPutLog(szInfo);

return S\_OK;

}

**ISearchBoxInfo interface**

Exposes methods that allow the caller to retrieve information entered into a search box.



**ISearchBoxInfo::GetCondition method**

Retrieves the contents of the search box as an [**ICondition**](http://msdn.microsoft.com/en-us/library/windows/desktop/bb233175.aspx) object.

HRESULT GetCondition(

[in]   REFIID riid,

[out]  void \*\*ppv

);

**Parameters**

*riid* [in]

Type: **REFIID**

A reference to the IID of the interface to retrieve through *ppv*, typically IID\_ICondition.

*ppv* [out]

Type: **void\*\***

When this method returns successfully, contains the interface pointer requested in *riid*. This is typically [**ICondition**](http://msdn.microsoft.com/en-us/library/windows/desktop/bb233175.aspx).

**Return value**

Type: **HRESULT**

If this method succeeds, it returns **S\_OK**. Otherwise, it returns an **HRESULT** error code.

**ISearchBoxInfo::GetText method**

Retrieves the contents of the search box as plain text.

**Syntax**

C++

HRESULT GetText(

[out]  LPWSTR \*ppsz

);

**Parameters**

*ppsz* [out]

Type: **LPWSTR\***

Pointer to a buffer that, when this method returns successfully, receives the full text entered in the search box.

**Return value**

Type: **HRESULT**

If this method succeeds, it returns **S\_OK**. Otherwise, it returns an **HRESULT** error code.