C调用

```
extern "C" __declspec(dllexport) void ShowMsg();
```

Ordinal ^	Hint	Function	Entry Point
1 (0x0001)	0 (0x0000)	ShowMsg	0x00001005

STDCALL

```
extern "C" __declspec(dllexport) void __stdcall ShowMsg();
```

Ordinal ^	Hint	Function	Entry Point
1 (0x0001)	0 (0x0000)	_ShowMsg@0	0x00001005

@0 表示没有参数
@4 参数4个字节

FASTCALL

```
extern "C" __declspec(dllexport) void __fastcall ShowMsg();
```

Ordinal ^	Hint	Function	Entry Point
1 (0x0001)	0 (0x0000)	@ShowMsg@0	0x00001005

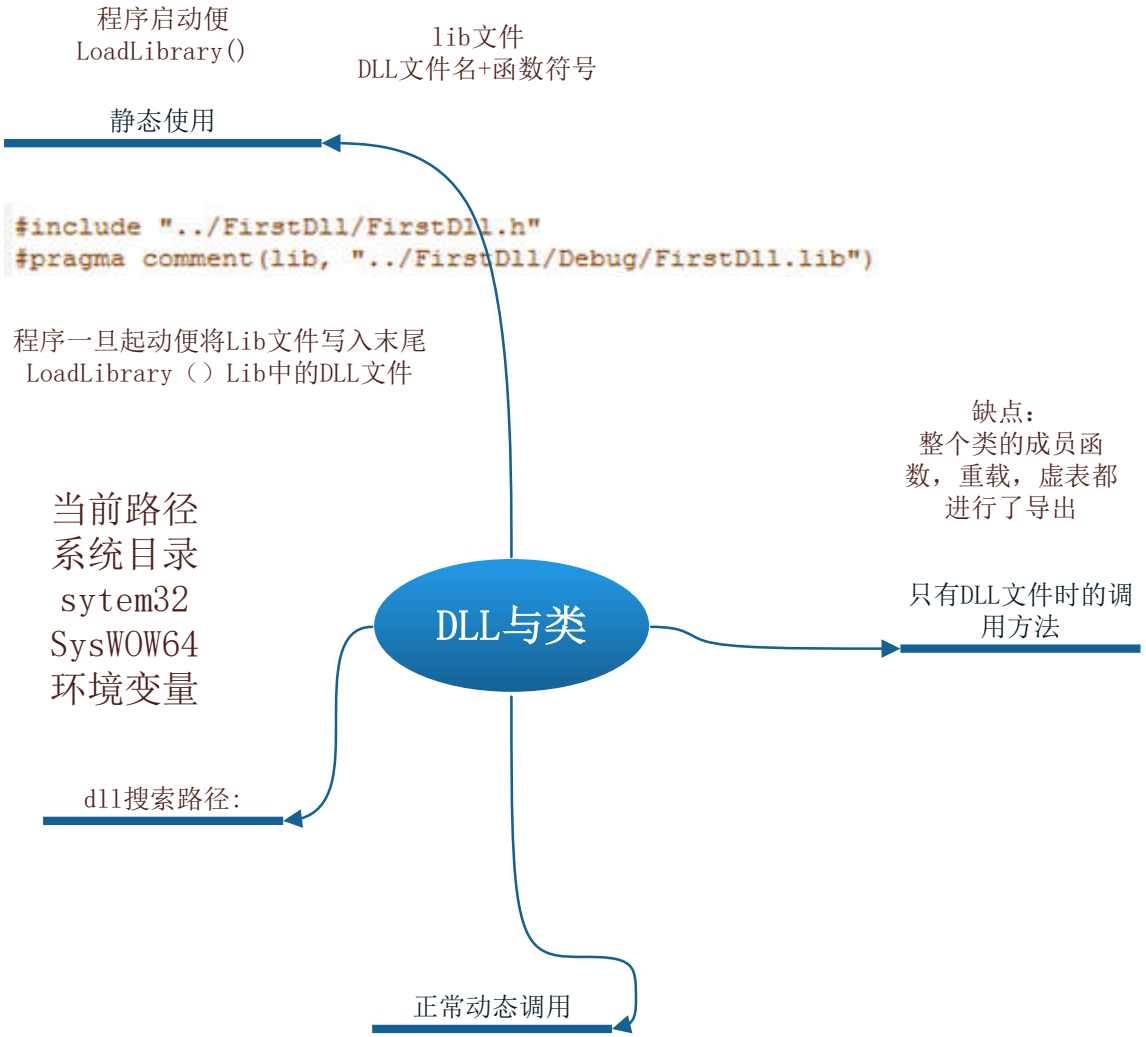
C++名称粉碎

```
__declspec(dllexport) void ShowMsg();
```

Ordinal ^	Hint	Function	Entry Point
1 (0x0001)	0 (0x0000)	?ShowMsg@@YAXXZ	0x00001005

VC6.0

动态链接库




```
class CMyTest
{
};

typedef void (CMyTest::*FUNTYPE)();

union Conver
{
  FUNTYPE m_pfn;
  void    *m_p;
};


typedef CTest* (*CRAETE_OBJECT)();
```

```
//动态使用
BOOL b;
HMODULE hDll = LoadLibrary("FirstDll.dll"); //引用计数++
hDll = LoadLibrary("FirstDll.dll");
if (hDll != NULL)
{
  //调用类
  CMyTest *pObject = (CMyTest*)new char[0x1000];

  //获取构函数地址    ??0CTest@@QAE@XZ == public: __thiscall CTes
  Conver conver;
  conver.m_p = (void*)GetProcAddress(hDll, "??0CTest@@QAE@XZ");
  (pObject->*conver.m_pfn)();

  // ?ShowMsg@@YGXXZ == void __stdcall ShowMsg(void)
  conver.m_p = (void*)GetProcAddress(hDll, "?ShowMsg@@YGXXZ");
  (pObject->*conver.m_pfn)();

  // ??1CTest@@UAE@XZ == public: virtual __thiscall CTest::~CTest
  conver.m_p = (void*)GetProcAddress(hDll, "??1CTest@@UAE@XZ");
  (pObject->*conver.m_pfn)();

  delete[] (void*)pObject;
```

```
//方法2:
CRAETE_OBJECT pfnCreateObj = (CRAETE_OBJECT)GetProcAddress(hDll, "?CreateObject@@YAPAVCTest@@XZ");;
CTest *pTest = pfnCreateObj();
pTest->ShowMsg();
```

```
ll CTest::CTest(void)

XZ");


Z");

:~CTest(void)
XZ");
```