

# 组合框和列表框

```
1  LRESULT CALLBACK MyWindowProc(HWND hwnd, UINT Msg, WPARAM wParam, LPARAM
   lParam) {
2
3      switch (Msg) {
4      case WM_DESTROY:
5          PostQuitMessage(0);
6          break;
7
8      case WM_CREATE: {
9          LPCREATESTRUCT pcs = (LPCREATESTRUCT)lParam;
10
11          HWND hComboBox = CreateWindowA("combobox", NULL, WS_CHILD |
WS_VISIBLE | CBS_DROPDOWNLIST | CBS_AUTOHSCROLL | WS_VSCROLL | CBS_SORT,
12          30, 30, 200, 60, hwnd, (HMENU)4001, pcs->hInstance, NULL);
13          SendMessageA(hComboBox, CB_ADDSTRING, 0, (LPARAM)"C语文");
14          SendMessageA(hComboBox, CB_ADDSTRING, 0, (LPARAM)"A数学");
15          SendMessageA(hComboBox, CB_ADDSTRING, 0, (LPARAM)"B英语");
16          SendMessageA(hComboBox, CB_ADDSTRING, 0, (LPARAM)"E体育");
17
18          SendMessageA(hComboBox, CB_INSERTSTRING, 1, (LPARAM)"D信息学");
19
20          SendMessageA(hComboBox, CB_SETCURSEL, 3, 0);
21
22          HWND hListBox = CreateWindowA("listbox", NULL, WS_CHILD | WS_VISIBLE
| CBS_DROPDOWNLIST | CBS_AUTOHSCROLL | WS_VSCROLL | CBS_SORT | LBS_NOTIFY,
23          30, 150, 200, 60, hwnd, (HMENU)5001, pcs->hInstance, NULL);
24
25          SendMessageA(hListBox, LB_ADDSTRING, 0, (LPARAM)"C语文");
26          SendMessageA(hListBox, LB_ADDSTRING, 0, (LPARAM)"A数学");
27          SendMessageA(hListBox, LB_ADDSTRING, 0, (LPARAM)"B英语");
28          SendMessageA(hListBox, LB_ADDSTRING, 0, (LPARAM)"E体育");
29
30          SendMessageA(hListBox, LB_INSERTSTRING, 1, (LPARAM)"D信息学");
31
32          SendMessageA(hListBox, LB_SETCURSEL, 3, 0);
33
34      }break;
35
36      case WM_COMMAND: {
37          WORD id = LOWORD(wParam);
38          WORD code = HIWORD(wParam);
39          HWND hCtrl = (HWND)lParam;
40
41          if (id == 5001 && code == LBN_SELCHANGE) {
42              int idx = SendMessageA(hCtrl, LB_GETCURSEL, 0, 0);
43              TCHAR buf[64];
44              SendMessageA(hCtrl, LB_GETTEXT, idx, (LPARAM)buf);
45              MessageBoxA(hwnd, buf, "cat", MB_OK);
46          }
47      }break;
48
49      case WM_CTLCOLORLISTBOX: {
```

```
50     HDC hdc = (HDC)wParam;
51     HWND hCtrl = (HWND)lParam;
52
53     UINT CtrlID = GetWindowLongA(hCtrl, GWL_ID);
54
55     if (CtrlID == 5001) {
56         SetTextColor(hdc, RGB(0, 255, 255));
57         SetBkMode(hdc, TRANSPARENT);
58         return (LRESULT)CreateSolidBrush(RGB(10, 10, 10));
59     }
60
61     }break;
62     }
63
64     return DefWindowProcA(hwnd, Msg, wParam, lParam);
65 }
```