



```

/*
 * AppIcon.h - Icon for AppIcon. Output from IconEd.
 */
WORD chip      AppIconI1Data[] =
{
/* Plane 0 */
0x0000, 0x0000, 0x0000, 0x8000, 0x0000, 0x0000, 0x0001, 0x8000,
0x0000, 0x0000, 0x0011, 0x8000, 0x0000, 0x0000, 0x0031, 0x8000,
0x0000, 0x0000, 0x0231, 0x8000, 0x0000, 0x0000, 0x0631, 0x8000,
0x0000, 0x0000, 0x4631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0x0631, 0x8000, 0x001F, 0xFFFF, 0xFE31, 0x8000,
0x0000, 0x0000, 0x0031, 0x8000, 0x03FF, 0xFFFF, 0xFF1, 0x8000,
0x0000, 0x0000, 0x0001, 0x8000, 0x7FFF, 0xFFFF, 0xFFFF, 0x8000,
/* Plane 1 */
0xFFFF, 0xFFFF, 0xFFFF, 0x0000, 0xC000, 0x0000, 0x0000, 0x0000,
0xC7FF, 0xFFFF, 0xFFE0, 0x0000, 0xC600, 0x0000, 0x0000, 0x0000,
0xC63F, 0xFFFF, 0xFC00, 0x0000, 0xC630, 0x0000, 0x0000, 0x0000,
0xC631, 0xFFFF, 0x8000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC630, 0x0000, 0x0000, 0x0000, 0xC620, 0x0000, 0x0000, 0x0000,
0xC600, 0x0000, 0x0000, 0x0000, 0x0000, 0xC400, 0x0000, 0x0000,
0xC000, 0x0000, 0x0000, 0x0000, 0x8000, 0x0000, 0x0000, 0x0000,
};

struct Image AppIconI1 =
{
0, 0, /* Upper left corner */
49, 20, 2, /* Width, Height, Depth */
AppIconI1Data, /* Image data */
0x0003, 0x0000, /* PlanePick, PlaneOnOff */
NULL /* Next image */
};

WORD chip      AppIconI2Data[] =
{
/* Plane 0 */
0xFFFF, 0xFFFF, 0xFFFF, 0x0000, 0xC000, 0x0000, 0x0000, 0x0000,
0xC7FF, 0xFFFF, 0xFFE0, 0x0000, 0xC600, 0x0000, 0x0000, 0x0000,
0xC63F, 0xFFFF, 0xFC00, 0x0000, 0xC630, 0x0000, 0x0000, 0x0000,
0xC631, 0xFFFF, 0x8000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000,
0xC630, 0x0000, 0x0000, 0x0000, 0xC620, 0x0000, 0x0000, 0x0000,
0xC600, 0x0000, 0x0000, 0x0000, 0x0000, 0xC400, 0x0000, 0x0000,
0xC000, 0x0000, 0x0000, 0x0000, 0x8000, 0x0000, 0x0000, 0x0000,
/* Plane 1 */
0x0000, 0x0000, 0x0000, 0x8000, 0x0000, 0x0000, 0x0001, 0x8000,
0x0000, 0x0000, 0x0011, 0x8000, 0x0000, 0x0000, 0x0031, 0x8000,
0x0000, 0x0000, 0x0231, 0x8000, 0x0000, 0x0000, 0x0631, 0x8000,
0x0000, 0x0000, 0x4631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0xC631, 0x8000, 0x0000, 0x0000, 0xC631, 0x8000,
0x0000, 0x0000, 0x0631, 0x8000, 0x001F, 0xFFFF, 0xFE31, 0x8000,
0x0000, 0x0000, 0x0031, 0x8000, 0x03FF, 0xFFFF, 0xFF1, 0x8000,
0x0000, 0x0000, 0x0001, 0x8000, 0x7FFF, 0xFFFF, 0xFFFF, 0x8000,
};

struct Image AppIconI2 =
{
0, 0, /* Upper left corner */
49, 20, 2, /* Width, Height, Depth */
AppIconI2Data, /* Image data */
0x0003, 0x0000, /* PlanePick, PlaneOnOff */
NULL /* Next image */
};

struct DiskObject AppIconDObj =
{

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NULL, /* Magic Number */
NULL, /* Version */
{
NULL, /* Embedded Gadget Structure */
0, 0, 49, 21, /* Next Gadget Pointer */
GADGHIMAGE, /* Left,Top,Width,Height */
NULL, /* Flags */
NULL, /* Activation Flags */
NULL, /* Gadget Type */
(APTR) & AppIconI1, /* Render Image */
(APTR) & AppIconI2, /* Select Image */
NULL, /* Gadget Text */
NULL, /* Mutual Exclude */
NULL, /* Special Info */
0, /* Gadget ID */
NULL, /* User Data */
},
NULL, /* Icon Type */
NULL, /* Default Tool */
NULL, /* Tool Type Array */
NO_ICON_POSITION, /* Current X */
NO_ICON_POSITION, /* Current Y */
NULL, /* Drawer Structure */
NULL, /* Tool Window */
NULL, /* Stack Size */
};

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/* AppMenu.c - Execute me to compile me with Lattice 5.10a
lc -cfis -v -d0 -b1 -j73 AppMenu.c
Blink FROM LIB:c.o,AppMenu.o TO AppMenu LIBRARY LIB:LC.lib,LIB:Amiga.lib
quit
*/

#include <intuition/intuition.h>
#include <exec/memory.h>
#include <workbench/startup.h>
#include <workbench/workbench.h>

#ifdef LATTICE

/* disable SAS/C CTRL-C handing */
int
CXBRK(void)
{
    return (0);
}
int
chkabort(void)
{
    return (0);
}

#include <clib/exec_protos.h>
#include <clib/intuition_protos.h>
#include <clib/icon_protos.h>
#include <clib/wb_protos.h>
#include <clib/dos_protos.h>
#include <clib/alib_stdio_protos.h>
#endif

struct IntuitionBase *IntuitionBase;
struct WorkbenchBase *WorkbenchBase;

void
main(void);

void
main(void)
{
    struct MsgPort *msgport;
    struct Window *window;
    struct AppMenuItem *appmenuItem;
    struct IntuiMessage *imsg;
    struct AppMessage *appmsg;
    struct WBArg *argptr;

    ULONG          id = 1, userdata = 0, i;
    BOOL           ABORT = FALSE;

    /* Open Intuition.library & Workbench.library. Fail silently if < 36 */
    if (IntuitionBase = OpenLibrary("intuition.library", 36))
    {
        if (WorkbenchBase = OpenLibrary("workbench.library", 36))
        {
            /* Create the message port to which Workbench can send messages */
            if (msgport = CreateMsgPort())
            {
                if (window =
                    OpenWindowTags(NULL, WA_Left, 0, WA_Top, 1, WA_Width, 160,
                                   WA_Height, 50, WA_IDCMP, CLOSEWINDOW,
                                   WA_Flags, WINDOWCLOSE | WINDOWDRAG,
                                   WA_Title, "AppMenu", TAG_END))
                {
                    /* Use our window to attach an menu item to the Tools menu. */
                    if (appmenuItem = AddAppMenuItem(id, userdata,
                                                    "AppMenuItem", msgport, NULL))
                    {
                        do
                        {
                            /* Wait for either a CLOSEWINDOW or an AppMessage */
                            Wait(1 << window->UserPort->mp_SigBit |
                                 1 << msgport->mp_SigBit);
                            while (imsg = (struct IntuiMessage *)

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                                GetMsg(window->UserPort))
                            {
                                if (imsg->Class = CLOSEWINDOW)
                                    ABORT = TRUE;
                                ReplyMsg((struct Message *) imsg);
                            }
                            while (appmsg = (struct AppMessage *) GetMsg(msgport))
                            {
                                /*
                                 * The AppMessage type will be MTYPE_APPMENU,
                                 * the ID & userdata are what we supplied when
                                 * the window was designed as an AppWindow.
                                 * Since there are no Workbench arguments for
                                 * menu operations, NumArgs will always be 0.
                                 */
                                printf(
                                    "am: appmsg=%lx, Type=%ld, ID=%ld, UserData=%ld, NumArgs=%ld\n",
                                    appmsg, appmsg->am_Type, appmsg->am_ID,
                                    appmsg->am_UserData, appmsg->am_NumArgs);
                                argptr = appmsg->am_ArgList;
                                for (i = 0; i < appmsg->am_NumArgs; i++)
                                {
                                    /*
                                     * The lock will be on the directory in
                                     * which the file resides. If there is no
                                     * filename, either a volume or window was
                                     * dropped on us.
                                     */
                                    printf("\targ(%ld): Name='%s', Lock=%lx\n", i,
                                            argptr->wa_Name, argptr->wa_Lock);
                                    /* Point to next argument */
                                    argptr++;
                                }

                                ReplyMsg((struct Message *) appmsg);
                            }
                        } while (ABORT == FALSE);
                        /* remove the AppMenu and close down */
                        RemoveAppMenuItem(appmenuItem);
                    }
                    else
                        printf("Couldn't add AppMenuItem\n");
                    CloseWindow(window);
                }
                else
                    printf("Couldn't open window\n");
                DeleteMsgPort(msgport);
            }
            else
                printf("Couldn't create messageport\n");
            CloseLibrary(WorkbenchBase);
        }
        else
            printf("Couldn't open workbench.library\n");
        CloseLibrary(IntuitionBase);
    }
    else
        printf("Couldn't open intuition.library\n");
}

```

