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Subject: : AmigaOS4

Topic: : Porting to AmigaOS4 thread

Re: Porting to AmigaOS4 thread

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Date: : 2020/11/20 11:57:14

URL:

@Raziel

Not sure but try this, and hope it removes some ASL warnings.

```
...  
#include <proto/exec.h>  
#include <proto/dos.h>  
#include <proto/asl.h>
```

```
extern struct Library *AslBase;  
extern struct AslIFace *IAsl;
```

```
Common::DialogManager::DialogResult AmigaOSDialogManager::showFileBrowser(const Common::U32String  
&title, Common::FSNode &choice, bool isDirBrowser) {
```

```
    char pathBuffer[MAXPATHLEN];
```

```
    AslBase = IExec->OpenLibrary("asl.library", 50);
```

```
    DialogResult result = kDialogCancel;
```

```
    Common::String utf8Title = title.encode();
```

```
    if (AslBase) {
```

```
        IAsl = (struct AslIFace*)IExec->GetInterface(AslBase, "main", 1, NULL);
```

```
        struct FileRequester *fr = NULL;
```

```
        if (ConfMan.hasKey("browser_lastpath")) {
```

```
            strncpy(pathBuffer, ConfMan.get("browser_lastpath").c_str(), sizeof(pathBuffer) - 1);
```

```
        }
```

```
        fr = (struct FileRequester *)IAsl->AllocAslRequestTags(ASL_FileRequest, TAG_DONE);
```

```

if (!fr)
    return result;

char *newTitle = utf8ToLocal((char *)utf8Title.c_str());

if (IASl->AslRequestTags(fr, ASLFR_TitleText, newTitle, ASLFR_RejectIcons, TRUE, ASLFR_InitialDrawer
, pathBuffer, ASLFR_DrawersOnly, (isDirBrowser ? TRUE : FALSE), TAG_DONE)) {

    if (strlen(fr->fr_Drawer) < sizeof(pathBuffer)) {
        strncpy(pathBuffer, fr->fr_Drawer, sizeof(pathBuffer));
        if (!isDirBrowser) {
            IDOS->AddPart(pathBuffer, fr->fr_File, sizeof(pathBuffer));
        }
        choice = Common::FSNode(pathBuffer);
        ConfMan.set("browser_lastpath", pathBuffer);
        result = kDialogOk;
    }
}

free(newTitle);
IASl->FreeAslRequest((APTR)fr);
IExec->DropInterface((struct Interface*)IASl);
IExec->CloseLibrary(AslBase);
}

return result;
}

#endif

```

In case it warns about:  
extern struct Library \*AslBase;  
extern struct AslIFace \*IASl;  
just comment them out.