

Subject: : AmigaOS4

Topic: : Detecting if a 68k prog is running on os4 ?

Re: Detecting if a 68k prog is running on os4 ?

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URL:

Do you have any local structures defined in your program (without packing) that are referenced outside of your own code,. (ie; by system functions) ?

The reason I mention this is because if you look at the OS4 includes, you will notice that there are blocks like this in the include files;

```
#ifdef __GNUC__  
#ifdef __PPC__  
#pragma pack(2)  
#endif  
#elif defined(__VBCC__)  
#pragma amiga-align  
#endif
```

If you have mixed size members (or <32 bit sized members) in locally defined structures, the alignment padding can differ and some members of the structures may not be where you think they are, because of the invisible alignment padding being added.