
Subject: : AmigaOS4

Topic: : Porting to AmigaOS4 thread

Re: Porting to AmigaOS4 thread

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URL:

@NoCache

I ended up creating my own wrapper function to do this:

```
void fseek_mos(FILE *fp, long ofs)
```

```
{  
    long cpos = ftell(fp);  
  
    if (cpos == ofs)  
    {  
        return;  
    }  
    else if (cpos > ofs)  
    {  
        fseek(fp, ofs, SEEK_SET);  
    }  
    else  
    {  
        fseek(fp, 0, SEEK_END);  
  
        cpos = ftell(fp);  
  
        if (cpos == ofs)  
        {  
            return;  
        }  
        else if (cpos > ofs)  
        {  
            fseek(fp, ofs, SEEK_SET);  
        }  
        else  
        {  
            long i;  
            long diff = ofs - cpos;  
  
            for (i = 0; i < diff; i++)  
            {  
                fputc(0, fp);  
            }  
        }  
    }  
}
```

```
}  
}  
}  
}
```

The fputs loop could be replaced with fwrite, but I wrote this as a quick workaround for NX Engine.

Edit: I just noticed that my example uses FILE pointers, but it can be rewritten to use lseek/write for file descriptors. I have a version for C++ iostreams too that I used in Arx Libertatis.