

SoS - Stephen's Operating System

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Contents

1	Introduction	3
2	Applications	4
2.1	Seashell	4
2.2	GNU C Compiler	4
3	Licencing and Copyright	5

1 Introduction

SoS is a small operating system written in C++ and assembly. It is designed for 64 bit CPUs, like the AMD Athlon and Intel Core series processors. Because the GRUB bootloader is used for booting SoS, it can be run off a CD, floppy disk, hard drive or even a USB drive.

In the future, SoS will run a standard C and C++ library, as well as the GNU C compiler and associated tools.

To be completed ...

2 Applications

2.1 Seashell

Seashell will be SoS's default terminal. Initially, the terminal will be compiled into the kernel, but after I have finished porting the C library, and have an elf loader, it will become a seperate application.

Once SoS has a graphical user interface, a graphical version of Seashell will be written.

2.2 GNU C Compiler

Once SoS has a C library, I intend to port the whole GNU C compiler to SoS - to do this, I will also have to make a cross compiler on my computer.

3 Licencing and Copyright

SoS is Copyright 2003 - 2008, Stephen Gentle.

Portions of SoS are based on code Copyright James Molloy 2007 - 2008.

Portions of SoS are based on code Copyright Brandon F, 2006 - 2008.

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