

# **portswitch**

Steve Sloggett

**COLLABORATORS**

	<i>TITLE :</i> portswitch		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Steve Sloggett	July 20, 2024	

**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## portswitch

### 1.1 Port Switch v1.2 © Software Ambience 1995/96 (Freeware)

Port Switch v1.2  
© Software Ambience 1995/96

Kickstart 2.0 version  
Programmed by Steve Sloggett

Distribution  
Introduction  
Requirements  
Usage  
History  
Acknowledgements  
Software Ambience

### 1.2 Distribution

#### Disclaimer

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The source code can be used as part of any program provided that I am

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given credit for my work by means of the following statement:

Part of this program is based upon Port Switch v1.2 which is  
© Software Ambience 1995/96

I would also appreciate being notified of this fact.

The following files should be contained within the distribution. If any are missing, please contact the author for the complete distribution. The sizes quoted are for the file when it has not been crunched.

```
Port Switch (dir)
  Documentation (dir)
    PortSwitch.Doc
    PortSwitch.Guide
  Source (dir)
    PortSwitch.C
  PortSwitch
```

If you have any complaints, suggestions, bug reports, requests for updates, samples of your work, or spare cash, please send them to:

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PGP encryption available

World Wide Web: <http://area51.upsu.plym.ac.uk/~steve>

## 1.3 Introduction

Introduction

Why did I write Port Switch? Well... due to excessive wear to the mouse port on my A1200, a pin broke off and rendered my mouse useful only if I wanted to move the pointer horizontally :-)

Obviously, this wasn't a good thing. So, I wrote this program as a short-term way of getting my mouse operational again.

Please be aware, however, that it can only do as much as you could using the keyboard mouse emulation .

## 1.4 Keyboard Mouse Emulation

Keyboard Mouse Emulation

It is possible to use certain keyboard combinations as a replacement

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for the mouse. These are:

- o Buttons

- Hold down an Amiga key and press the Left-Alt or Right-Alt keys for the appropriate button

- o Movement

- Hold down an Amiga key and use the Cursor keys, and to increase the movement speed, hold down the Shift key

## 1.5 Requirements

Requirements

This program requires Kickstart 2.0 or higher. If it is not present, the program will not work.

## 1.6 Usage

Usage

This program should be used from the CLI or Shell. The syntax is:

```
PORT/N/A
```

This is the port number that the mouse is to be controlled from. This can either be 0 or 1. If this is not supplied, the program assumes the default mouse port, 0.

Example Usage

If you wanted to change the port to port 1, simply type:

```
PortSwitch 1
```

and in response, providing if it was successful, you will see:

```
Port Switch v1.2 © Software Ambience 1995/96 (Freeware)  
Programmed by Steve Sloggett
```

```
Mouse control port is now changed
```

## 1.7 History

History

Below is a list, in ascending order, of all the versions to date of this program with information as to what has changed.

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- o 1.0 (28th December 1995)  
Initial version.
- o 1.1 (29th December 1995)  
Added command line parameters and various code improvements.
- o 1.2 (17th February 1996)  
Miscellaneous changes.

### Configurations

This program has been fully tested on the configurations listed below:

- o A500 Plus with a 68000 processor, Kickstart 2.04 and 1 megabyte of chip ram
- o A1200 with a 68030 processor and MMU, Kickstart 3.0, 2 megabytes of chip ram, 4 megabytes of fast ram, an external disk drive, and a 250 megabyte PCMCIA external hard drive.
- o A1200 with a 68020 processor, Kickstart 3.0, 2 megabytes of chip ram, an external disk drive, and a 130 megabyte PCMCIA external hard drive, and a CD-ROM drive.

## 1.8 Acknowledgements

### Acknowledgements

Without the following people, this program would never have existed. I wish to extend many thanks to:

- o Ross O'Connor  
For the use of his A1200 for testing.
- o James Lester  
For the use of his A500 Plus for testing.

## 1.9 Software Ambience

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## 1.10 Steve Sloggett's Public PGP Key

### Steve Sloggett's Public PGP Key

Below is my public PGP key. If you do not trust this copy, then you can get it from me by sending an e-mail message to "s.sloggett@plymouth.ac.uk" with a subject of "Send Key".

-----BEGIN PGP PUBLIC KEY BLOCK-----  
Version: 2.6.3i

---

```
mQCNAzEmI0IAAAEEAOY5samfgzH5UxWF+F65Vb8MF1DCJmlAYUvX78+NuIDtusYK
npsbZfAm8zfffenBfNCg58MJPjEP0ogukqMPKvrMx63PvSghk2CdkwZb10nSX47yV
uF+hnV4RzU1I2MmpLW2ubmDJ7BQNWAF+u6gFiPDszEC3fr1TNKjMkiGaCMgVAAUR
tCpTdGV2ZSBTbG9nZ2V0dCA8cy5zbG9nZ2V0dEBwbH1tb3V0aC5hYy51az6JAJUD
BRAXJiNCqMySIZoIyBUBAZ1TA/9+u+z0Kuuqu1Qa1oFxet0GK44uO6JLHFkMBF53
Hb5MPtpbPkENN24nmOTXXhWqoRMA8K7jBH2W8INZTrRCUA51BpWIKf5ZdgpPjWmx
kLbbrz4ikeIMiEARbUKHRUYaqwSi/rZzIz1iMLiAA7s7k3A9b3kXPqFbo5mdfU5M
1/1psg==
=gdwE
-----END PGP PUBLIC KEY BLOCK-----
```