

# **SWOSEd**

Piotr Bieniek

**COLLABORATORS**

	<i>TITLE :</i> SWOSEd		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Piotr Bieniek	August 26, 2022	

**REVISION HISTORY**

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# Chapter 1

## SWOSEd

### 1.1 SWOS Ed v1.7

SWOS Ed v1.7

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Introduction

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## 1.2 Introduction to SWOS Ed

### Introduction

SWOS Ed is a team editor for Sensible World of Soccer, which is an excellent soccer game. I think it's the best soccer game with management options available for any computer. One of its main advantages is the quantity of data, meaning the worldwide teams and players. But some of them are way out of date. For example in version 96/97 of SWOS, several names in the Polish data file are misspelled and others are just too old. Some players are even in two different teams at once! Unfortunately there's no team editor included with the game, but now using SWOS Ed you can edit your favourite team and change the abilities of all players etc.

Main features of SWOS Ed:

- It uses MUI (it's font sensitive and easy to use), and multitasks well.
- Uses internal RNC depacking (SWOS data files are packed). There's no need for an external utility to depack the files.
- It is able to pack data files using ProPack.
- It allows you to transfer players between teams and teams between leagues.
- A multiple data file mode.
- It is able to print teams' squads.
- It has an excellent player search facility.
- It allows you to change game's graphics using any paint program.
- It's localized with many translations available.

## 1.3 SWOS Ed Requirements

### Requirements

SWOS Ed should run on any Amiga with Kickstart 2.0+ with MUI 3.5 (or newer) installed on the Workbench, and 1MB of memory. But since I own a better machine I can't say for sure. I have tested my program on an A1200/Kickstart~3.0/6MB~of~RAM with MUI 3.8.

Of course you also need a copy of "Sensible World of Soccer".

SWOS Ed has been tested with SWOS 1.0, 1.1, 95/96, EC'96 and 96/97.

## 1.4 Installation on HD

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## Installation

You can install SWOS Ed on your HD the easy way by using the supplied installer script. The Installer utility needs to be present somewhere in your system path to run it. Although it's not difficult to install SWOS Ed manually. All you need to do is, drag the program's icon into whatever directory you prefer. If you want to install this guide too, do the same with the Help drawer. If you don't, you won't be able to read it by pressing the Help key. Program translations are in the Catalogs directory, so if you would like the ability to run SWOS Ed in different languages, copy this directory as well.

## 1.5 How to use SWOS Ed

### Usage

#### Main Window

If you run SWOS Ed (by double clicking on its icon) the main window will appear on the screen. It's divided into three parts labelled:

File Section

Team Section

Player Section

Menus

The menus are divided into five groups called:

Program

Team

Player

Special

Settings

Please also read the

Important

section of this guide, before you start using

SWOS Ed.

## 1.6 File Section

### File Section

Using the "SWOS Data Path" gadget you need to specify the path to the

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directory where the TEAM.??? files are stored. For example if you installed SWOS on your HD in the directory "Work:Games/SWOS", this string gadget should contain "Work:Games/SWOS/data". When you specify a correct directory path SWOS Ed will automatically scan the data files in it and display a list of countries found in the files. You can then click on the country which you want to edit and the data file will be loaded and decrunched if necessary. Below the list there are two very important gadgets. If you click on the first of them "Save to RAM:" SWOS Ed will save the data file (with your modifications) to RAM:. You can then copy it to the proper directory manually. Whereas "Save to Game" saves the file in the game's data directory and overwrites the original file. So you don't need to copy it to any other directory and can just start playing your new updated SWOS.

## 1.7 Team Section

### Team Section

This is where you can change the global team parameters. First of all you must select a team to edit. After clicking on the popup gadget you'll be able to select one from the list which appears. If you change the contents of the string gadget, this will change the actual name of the team in the game. Below this gadget you can change the coach's name, select the default formation and the colour of the kits. Everything should be fairly straightforward except for the gadgets described below.

The "Pattern" gadget. This specifies the appearance of the players shirts.  
Solid - means that whole shirt is Shirt 1 colour.  
Sleeves - the shirts are Shirt 1 colour with sleeves Shirt 2 colour.  
Vertical and horizontal stripes - the shirts have coloured stripes, using both Shirt colours obviously.

The "Division" gadget allows you to change the division which the team plays in. Please remember that you can't change the number of teams playing in a division. For example if you promote any team to a higher division you must also relegate one team. Otherwise SWOS will just crash at the end of the season or even earlier.

The "Team Grid" gadget opens a separate window, which shows the team's current formation and the positions of individual players on the pitch. You can change those positions using drag&drop, but the grid data is lost if you change the number of any player. Of course you can always set the grid again.

## 1.8 Player Section

### Player Section

The player section is the part of the window where you can change the individual players data. You can select which player to edit, change his name, nationality, skin, hair, type and many other attributes. Note that it's impossible to have a player with black skin and light hair.

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## 1.9 Program Menu

### Program Menu

- About - Displays about requester. Only for informational purposes.
- About MUI - Display info about MUI.
- Quit - Guess what this does! I'll let you into a secret, it doesn't format your hard drive...

## 1.10 Team Menu

### Team Menu

- Copy - Copies the selected team's data to the internal team clipboard.
- Paste - Copies team data from the clipboard into the selected team.
- Exchange - Exchange the contents of the clipboard with the selected team's data.
- Load - Loads team data from a file (created using the Save option) and replaces the current team with the loaded data.
- Save As - Saves the current team's data to a file, which can be loaded back in later using the Load option.
- Print Squad - Prints a squad list for the current team.

## 1.11 Player Menu

### Player Menu

- Copy - Copies the selected player's data to the internal player clipboard.
  - Paste - Copies player data from the clipboard into the selected player.
  - Exchange - Exchange the contents of the clipboard with the selected player's data.
  - Search - Searches for players who match skills set by the user. It opens a separate window titled "Search for Player". In the "Name Pattern" gadget you can type an AmigaDOS pattern. Only players whose names match with this pattern will be eventually found. For example if you type "#?R#?" you are asking the computer for a list of players with letter "R" in the name. There are two listviews below "Name Pattern" gadget in the window. You can select nationality and player type here. Entries marked with "+" are selected. So if you want
-



information about Polish goalkeepers, you must select "POL" and "G" and leave all the others unselected. "Invert" button inverts the state of all entries in the listview, all selected entries become unselected and vice-versa. There is also a group of gadgets on the right side of the window. You can set the minimum and maximum values for players' skills here. Only players with every single skill between the min and max will be found. For example, if you want information about reserves, set Number min at 12 and Number max at 16. Now just two more buttons. "Search Memory" searches for specified players in the memory. If multifile mode is not active it scans only the current league data, if multifile mode is active it scans all the leagues currently loaded into memory. "Search Files" searches for players in all the datafiles from the SWOS data path. You can see a list of all found players in the "Search Report" listview, you can also clear this report using the "Clear Report" gadget.

- Find Duplicates - This option is very similar to the Search option. It tries to find players with duplicate names in the same data files. For example you can check if any player is entered in the data files more than once. If the "Only Surname" gadget is toggled on, players like "T.SMITH", "TOM SMITH" and "BEN SMITH" are treated as though they have exactly the same name. "Check the Nationality" makes the program additionally check the player's nationality. The other gadgets and their functions are the same as for the "Search" option.

## 1.12 Special Menu

### Special Menu

- Update Cup Teams - This option lets you update teams playing in european cups easily. Just make the changes to squads in the ← national leagues' data files and then select this option. The old squads in the cup data files will be replaced by new ones. If a file needed to update the cup squads is loaded into memory already, you will be asked if SWOS Ed should use the file in memory or the one on the disk. In the unregistered version of SWOS Ed this option is limited to only updating the Champions League.
- Convert Graphics - Thanks to this option you can now change the graphics in the rest of the game. First of all, you must set the proper SWOS grafs path. For example, if SWOS is installed on your hard drive in Work:Games/SWOS directory, you should type Work:Games/SWOS/grafs in the box. Then the files which contain the game's graphics will be listed below. When you select any file and click "Convert RAM->ILBM" gadget you'll be able to save that file in IFF ILBM format. Now load the file into Personal Paint or Deluxe Paint etc, make the changes you want to the graphics and save the modified picture in ILBM format.

If you are a registered user of SWOS Ed you can convert the altered graphic file back to RAW format. Just click "Convert ILBM->RAW" and select the modified ILBM file. You shouldn't change the size, colour depth or screenmode of the picture, because it won't let you convert the file back to RAW if you do. Any changes to the palette won't have any affect on the game, since the colour information is stored in the SWOS executable, not in the graphics data files.

The graphic converter was tested with the 96/97 version of SWOS and seems to work fine. You don't even have to pack the data files using ProPack.

## 1.13 Settings Menu

### Settings Menu

**Multifile Mode** - This allows SWOS Ed to load several data files into memory and switch between them without losing any changes. When it is not set, changing the league causes the data in memory to be deleted after loading another league. If multifile mode is activated when you change leagues, data is not lost, but stored in memory. So whenever you select that league again, the data won't have to be loaded from disk again, but is recovered from memory and any changes you made will be kept intact.

**Graphics** - If you have an Amiga with Kickstart 3.0 you can show the actual appearance of the kits while editing. This option will toggle it on and off. For the colours to be displayed correctly, you need to run SWOS Ed on a screen with at least 16 colours, preferably 32 if possible.

**Packing** - If you have the ProPack utility installed on your hard disk as "C:ProPack" SWOS Ed is able to auto-pack data files. "None" means that no compression is used, "Size" means that files are packed using an algorithm that makes them as small as possible, "Speed" - files are packed using an algorithm that makes them unpack quicker. Speed compression is used in SWOS 1.0 and SWOS 1.1, Size compression is used in SWOS 95/96. If you don't have ProPack, there is some information about it in the

Problems section of this guide.

**Interface** - "Pop-lists" sets the list of teams and players to appear in normal pop-lists. "Windows" puts the lists in separate windows which you can move and scale. What's more, when you select a team or player, the windows are updated. It's much easier to use than "Pop-lists", when you just want to change some skills or make a few transfers without major editing of the data file.

- Save Prefs - Saves the config file. It stores information like paths, current multifile mode status and interface mode status as well. It is pre-loaded whenever you use SWOS Ed.
- MUI Settings - Calls MUI preferences program. Changes which you made to MUI configuration will only apply for SWOS Ed.

## 1.14 SWOS Ed Copyright

### Copyright

SWOS Ed is shareware. This means you can freely copy it, give it to your friends etc. But if you decide to use it, you have to send a small fee to the

author

. You are not allowed to modify any file or reassemble the executables.

SWOS Ed is a

MUI

application.

MUI

is copyrighted 1992-96 by Stefan

Stuntz.

SWOS Ed has been tested for a while and found to be stable in everyday use. However the author is not responsible for any loss of data, damages to software or hardware that may result directly or indirectly from the use of this program.

I've worked on developing SWOS Ed for over a year now and I have to spend a lot of time working on SWOS Ed's sources when I want to improve anything. As you can probably understand, I would like some reward for all this work. If you find my program useful and you like using it, please register. The unregistered version has some of the new options disabled and displays a shareware reminder when you start the program, which forces you to wait about 20 seconds. Please try to be understanding, I really do need an accelerator board for my A1200...

First of all, if you live in Poland it is much easier to register than all those people who live in other countries. Read the Polish version of SWOSEd.guide for details. All non-Poles, please, read below for how to register.

I feel that the registration fee is not very high. Earlier versions of SWOS Ed were postcardware and those people, who sent me a postcard before 20th of March 1997 pay even less.

Currency (only these from the list are supported)	"Standard" fee	For people who registered postcardware version of SWOS Ed before 20.3.97.
GBP (Great Britain)	10 GBP	5 GBP
USD (United States)	15 USD	8 USD
DM (Germany)	20 DM	10 DM

I suggest that the best way of sending the money is to put bank notes (no coins!) between two blank pieces of paper (to avoid it being seen) in the envelope together with the registration form. If you don't have an e-mail address, please include an envelope addressed to you and postage stamps for your letter. I'll send you the registration number anyway, but you'll get it faster if you remember to include these things. I'm not responsible if your money is lost in the post. If you are worried about sending money through the post, try to use postal services which allow you to get your money refunded if it is lost.

You should get your registration number in one to eight weeks. Otherwise, please contact me, and we'll try figure out what was wrong. If you have an e-mail address and type it into the registration form this will greatly speed up the process of sending out a registration number to you.

Spreading of your registration number is not allowed. Your number will be disabled in the next versions of SWOS Ed if I learn that you gave it to anyone.

The unregistered version of SWOS Ed has some limitations:

- There is a shareware reminder that opens when you start the program. It freezes SWOS Ed for 20 seconds.
- The Player/Find Duplicates and Settings/Interface/Windows menu options are disabled.
- The Special/Update Cup Teams option is limited to the Champions League. You can't update teams in the Cup Winners Cup or UEFA Cup.
- The Special/Convert Graphics option can convert RAW format to ILBM (so you can see that you are able to edit game's graphics using any paint program) but can't convert ILBM back to RAW.

## 1.15 About the Author

About the Author

SWOS Ed is written by Piotr Bieniek, who is a 18-year-old secondary school student in Lodz, Poland.

A photo of the author can be found in the Help directory, saved in PNG format. A PNG datatype is available on Aminet if you don't have one already.

To contact me, please try one of the following ways:

by E-Mail:

adam@chemul.uni.lodz.pl  
bieniek@kryisia.uni.lodz.pl

by normal mail (It's also the address to send the cash!):

Piotr Bieniek

---

ul. 11-go listopada 63 m.27  
91-371 Lodz  
Poland

If you would like me to reply, please include an envelope addressed to you and post stamps for your letter.

You could also try my personal WWW page, which is available at the following addresses:

<http://www.pdi.net/~rafal/piotr/>  
<http://www.cadderly.demon.co.uk/piotr/>

Thanks to Rafal Sanda and Jeff Crawford. Without them my WWW page would only be a dream, not reality.

## 1.16 SWOS Ed Notes

### Notes

The main parts of SWOS Ed are written in C, but there are also routines written in assembler for better performance. It took me about 10 days to write the first version of this program and was only possible because MUI handles all the user input, so I had a lot less work to do than if I had used gadtools.library. To create the window design I used MUI Builder 2.2. By now of course, the SWOS Ed source files have changed completely since the first release. The complete source takes up 249KB and it's stored in 10 modules.

Whilst sitting in front of the keyboard and monitor, I listened to the tape "Elf" by Varius Manx. So you could say their music motivated me to work!

I would like to thank some people. First of all, thanks to Piotr Cieniak. He's my friend from class and suggested that I write a SWOS team editor in the first place. My greetings also go to all girls that I know. If I didn't know them, my life would be a mere shadow of what it is now.

Thanks to Jeff Crawford for being one of the first users of SWOS Ed and for correcting this guide. Now it resembles the English language a lot more than it did to start with.

Thanks also to Russell Eyre for being the first person who sent me a postcard and to David Chan for being the first to send a registration fee.

I also send greetings to the whole of class IVa at XII LO in Lodz.

## 1.17 Important

Important

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SWOS Ed versions 1.4 and above allow the editing of cup teams. But this option has several limitations. To avoid creating problems for yourself, read these instructions carefully.

You must not:

- Exchange cup teams.
- Paste a team from one league into a cup team from another league.

You may:

- Update cup teams' squads. You can even use the team clipboard to do this.
- Replace a cup team with another team from the same league, but first you must exchange these two teams in their league data file.

The team clipboard routines were rewritten in SWOS Ed 1.4 to make them more useful, but the previous routines were safer. So please only use the team clipboard if you really need it. This only applies to the team clipboard, You can use the player clipboard without any restrictions.

The safest way of updating cup teams is to change squads in national leagues' files and then use Special/Update Cup Teams option from the menu.

## 1.18 SWOS Ed History

### History

Version 1.0 (17.1.96) - Initial release.

Version 1.1 (5.3.96)

- Support for SWOS 95/96 data files.
- The ability to transfer players between teams.
- The ability to transfer teams between countries.
- Multifile mode added. You can load several leagues into memory at once and switch between them without losing any changes.
- Config file which stores your SWOS data path and multifile state.
- GUI redesigned a little (bugfixed).
- Many changes in internal program structure which users will probably never notice. Now the program is really object oriented.
- Improved documentation.

Version 1.2 (2.4.96)

- GUI significantly redesigned.
- Localization added. English, Polish and Dutch languages available.
- Player's numbers editing added.
- Sorting of players when saving files added. Players of different types are not mixed after loading into SWOS.
- Small bugfix when loading the same file from different paths.

Version 1.3 (7.6.96)

- GUI creation rewritten, now the program works better with MUI v3.
  - Graphic representation of kits added (OS3 required).
  - Packing of files using ProPack added (you need ProPack utility of course).
  - Norwegian and German translations added.
-

## Version 1.4 (4.8.96)

- Loading and Saving individual teams.
- The ability to edit cup teams added. But it has many limitations (please, read the Important section of this guide).
- Printing the teams' squads.
- Players searching option added.
- Team clipboard routines rewritten. Now you are able to change the team's division, using Team Copy/Paste/Exchange.
- Dynamic Object Linking added. All GUI elements are created only when really needed, so they take up less RAM than before.
- Many changes in the GUI. An especially significant change in the players list.
- Small bugfixes. Sometimes SWOS Ed didn't free all the allocated memory.
- German translation added.

## Version 1.5 (29.10.96)

- Team grid editing added.
- Now you can change the division the team is in by just clicking on one gadget.
- Internal changes.

## Version 1.6 (15.3.97)

- Registration number decoding and a shareware reminder added.
- Find Duplicate players option added. (reg. only)
- Now you can have the list of teams and players in normal windows, which can be individually moved, scaled etc. This is very useful if you often operate on different teams and players. (reg. only)
- If you select Search in the files option and any of the files are missing from the SWOS data path, you can stop the search now.
- Some small bugfixes. This version is more "stable" compared to the previous version.

## Version 1.61 (26.8.97)

- SWOS Ed 1.6 and ProPack crashed on 040 and 060 processors which had data caches enabled. So now SWOS Ed 1.61 clears caches when needed and temporarily disables them before calling ProPack.

## Version 1.62 (20.9.97)

- Major changes to the routines responsible for displaying the team's kit graphics. The remapping routine was rewritten in assembler, so it's about two times faster than before. The new routine requires less data to do exactly the same job as the previous version did, making the executable about 6KB smaller. Bitmap manipulations are now done in a more OS friendly way.
- Changes to built-in English strings. For example the "Find the Same" option was renamed to "Find Duplicates".

## Version 1.7 (25.11.97)

- Now you can change any of the game's graphics using SWOS Ed and any paint program, (eg. Personal Paint, Deluxe Paint or Brilliance). SWOS Ed converts the graphics data between the internal format of SWOS (RAW) and the IFF ILBM format readable by almost all graphics utilities. (this option is fully functional in the registered version only)

- You can easily update cup teams using the Special/Update Cup Teams option. It should solve the majority of crash problems experienced when updating cup teams. (fully functional in registered version only)
- The division which the team is from is displayed in the teams list. There is no need to select a team to show this information now.

## 1.19 To do in SWOS Ed

To do

Most of improvements discussed below will probably only be available in the registered version of SWOS Ed. But some of them (for example bug fixes) will be added to the unregistered version as well.

It would be useful to have SWOS Ed save packed data files. SWOS doesn't require it, (except for when editing the English league, see

Problems  
) ,

but a packed file is about three times smaller than unpacked. This can be especially important for users playing from floppy disks, since the original SWOS disks are almost full. I'll try to include built-in packing of data files in a future SWOS Ed release.

I also think that it would be nice to translate SWOS Ed into more languages. If anyone feels like translating the strings displayed in the program and it's accompanying documentation, to any other language, please get in touch with

me  
.

I'm always eager to hear any suggestions or comments you may have about my program. Send them to

me  
now!

## 1.20 Problems with SWOS Ed

Common problems

Q: What is MUI and why can't I run SWOS Ed without it?

A: MUI is a system to generate good looking, font sensitive and easy to use graphical user interfaces. I think that every Amigan should use it! You can download util/libs/mui38usr.lha from Aminet. For a more detailed description of MUI, see the

MUI  
section of this guide.

Q: I have the floppy version of SWOS. How can I install it on a HD? My problem is that when I try to save an unpacked data file produced by SWOS Ed, the disk is too full.



A: My SWOS HD installer should be available on Aminet as swoshd.lha in game/patch. If you don't have a hard disk (why not ???) you could make enough room by deleting the following files from SWOS disk 2:

TEAM.080, TEAM.081, TEAM.082, TEAM.083, TEAM.084, TEAM.085.

These files contain the international data, so if you delete them you won't be able to play the world cup for example.

Q: When I try to edit the English teams it makes SWOS crash. What can I do to get around this?

A: The English league data file is the largest and when it's unpacked it's about three times bigger! That's the reason that the game crashes. The unpacked file is larger than SWOS's internal buffer and the game can't load it properly. To make the game work properly, you have to repack the file using an external packer program like ProPack. Everything will then work fine. If you are unable to do this, you could choose one of the other leagues, copy your favourite teams into it and play that league instead, with English teams. Alternatively, you can wait for the new version of SWOS Ed that will output packed data files.

Q: Where can I get ProPack? I can't find it in Aminet.

A: ProPack appears to be a commercial product, so it's not available in any PD/shareware collections. This is all I know about ProPack and its publisher:

PRO-PACK 2.08 Software Developers File Compression Utility 2 Apr 92  
Copyright (c) 1991,92 Rob Northen Computing, UK. All Rights Reserved.  
PO Box 17 Bordon Hants GU35 8DY U.K. Tel:0428-713635 Fax:0428-713999

This information is from 1992, so I can't guarantee that it hasn't changed.

Q: What can I do to encourage the author to write updated versions of SWOS Ed?

A: It's very simple. First of all register, then send him a nice postcard, suggestions, accelerator boards for his A1200, millions of dollars, a few expensive cars etc.

Please also read

Important  
section of this guide.

If you still don't know how to fix your problem, visit my WWW home page (see

Author  
) . If you still can't find a solution, please e-mail me.

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## 1.21 Magic User Interface

This application uses

MUI - MagicUserInterface

(c) Copyright 1993/96 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With the aid of a preferences program, the user of an application has the ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing lots of examples and more information about registration please look for a file called "muiXXusr.lha" (XX means the latest version number) on your local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 30.- or US\$ 20.-

to

Stefan Stuntz  
Eduard-Spranger-Straße 7  
80935 München  
GERMANY

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