

Complete Pictorial Guide to Installing the Aces Collection Series with DOSBox

Ver. 1.0.1 Created By : BlackEye September 23, 2006 http://www.flightsim.datagrind.com

The Aces Collection Series is a 2 CD set released by Sierra On-Line, Inc. It includes Red Baron, Aces of the Pacific, Aces Over Europe, Aces of the Deep, A-10, A-10 II, and The Aviation Pioneers. This Guide will go through the installation and configuration of DOSBox, as well as 3 of the games from the collection: Red Baron, Aces of the Pacific, and Aces Over Europe.

The first thing we will need to do is to download DOSBox. Fire up your web browser, and point it to <u>http://dosbox.sourceforge.net</u>. You will be presented with homepage of the DOSBox project.





Click on the "Downloads" link on the menu bar



Next, click on the type of operating system you are running. Note that the version of DOSBox being downloaded is 0.65. This is the most current version as of this writing. You should always download the newest version possible.

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)SB	23 06-00-1980 0:00 23 06-00-1980 0:00
News Crew Information S	Status FAQ Downlo	ads Games Forum Links Login Latest version: 0.
DOSBox	2006-000-00-000-000	1.20009.2002.400 K
<u>Windows</u>	version 0.65	Win32 installer
<u>Gen lo Linux</u>	version 0.65	portage
Source	version 0.65	Source
Mac OS X	version 0.65	dmg (PPC)
FreeBSD package	version 0.63	TGZ
Fedora Core 2 &3	version 0.63	rpm
BeOS	version 0.63	binary (x86)
<u>05/2</u>	version 0.63	port by josch
Old dosbox versions	version 0.58- 0.63	source + binary(x86)



The next page that comes up will ask you to select a mirror that you will download from. You can search for the closest geographic location to yourself, or just pick a random one. I clicked on the first one in the list.

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Wait a few seconds and the download should begin. If you are using Internet Explorer it might block the download

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If this happens, you will have to click on the bar at the top of the window.



Then click on "Download File..." on the menu that pops up.





Select "Save" if you are asked what you want to do with the file

File Dow	vnload - Security Warning
Do you	u want to run or save this file?
	Name: DOSBox0.65-win32-installer.exe Type: Application, 1.23 MB From: superb-east.dl.sourceforge.net
	Run Save Cancel
1	While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. <u>What's the risk?</u>

You can save the download to any location you want. Just remember where you placed it. I'm downloading it to the desktop to keep things simple.

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After the download is done, run the installer. You can do this right from the download box in Internet Explorer, or you can browse to the file through Windows Explorer.

Download complete
Download Complete Saved: ox0.65-win32-installer.exe from superb-east.dl.sourceforge.net
Downloaded: 1.23 MB in 5 sec Download to: C(\\DOSBox0.65-win32-installer.exe Transfer rate: 252 KB/Sec
Close this dialog box when download completes



If you are presented with a security warning, click on "Run" to continue the installation.



The DOSBox installation program will start. Read the license agreement, and then click on "Next >" if you agree to it.

🛱 DOSBox 0.65 Installer Setup: License Agreement 💦 🔲	\times
DOSBox v0.65 License	
GNU GENERAL PUBLIC LICENSE Version 2, June 1991	^
Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.	
Preamble	
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to quarantee your freedom to share and change free	~
Cancel Nullsoft Install System v2,0rc4 Next >	

The next screen will ask you where you would like to install DOSBox to. The default location should be fine for most people. Click on "Install" to perform the installation to this location.

🛱 DOSBox 0.65 Installer Setup: Installation Folder 💦 🔲 🔀
This will install DOSBox v0.65 on your computer. Choose a directory
Destination Folder
C:\Program Files\DOSBox-0.65 Browse
Space required: 2.8MB
Space available: 8.0GB
Cancel Nullsoft Install System v2.0rc4 <back install<="" td=""></back>



The installation will take a few seconds to complete. After it is done, click on "Close"

🚏 DOSBox 0.65 Installer Setup: Completed	×
	Π
Show details	
Cancel Nullsoft Install System v2,0rc4 < Back Close	

Congratulations! You've just installed DOSBox.

Next, let's create a folder where we will install our games into. First go to the location you want to create it and right click. Then go down to "New", and click on "Folder." I created mine right in C: \langle

View	۲		
Arrange Icons By Refresh	۲		
Paste Paste Shortcut			
New	×	6	Eolder N
Properties		c	Shortcut K
			Briefcase Bitmap Image Wordpad Document Rich Text Document Text Document Wave Sound Compressed (singed) Folder

Next give the new folder a name. I called mine "dosgames."

•	Name –						
	Contract Con						
	🗀 Program Files						
	🔁 dosgames						
	Ν						
s	42						



Now we will tweak the default configuration of DOSBox. To do this, locate the DOSBox.conf entry in the DOSBox program group. Click on "DOSBox.conf" and it will open up with notepad.



Locate the following entries in this file and change the values to the following: memsize=32 frameskip=1 scaler=none core=dynamic cycles=10000 cyclesup=250 cyclesdown=250

At the very end of the file is a section labeled [autoexec]. Any commands in this section will be automatically run when DOSBox starts up. We will want to automatically mount our CD drive, as well as the folder we just created.

The following line will automatically mount your CD drive, so that DOSBox can read from it. If your CD drive is not D:\ in your computer, you will need to change this to the correct letter. Note that the first "d" in the command is the letter DOSBox uses to access the CD-ROM, so this can remain "d" and you should only change the "d:\" to the correct letter.

mount d d:\ -t cdrom

The next line will automatically mount the folder we created off of C:\. If you created this folder elsewhere, then change the command to point to the correct one. As with the previous mount command, the first "c" is what DOSBox uses to access this folder, so you only need to change the second location if you created your folder elsewhere. **mount c c:\dosgames**

The next line will automatically take us to the emulated C:\ when dosbox starts. **c:**

Now add these 3 lines with the correct values into the [autoexec] section of the configuration file. Then save the file and close it.



Place the first CD of your Aces Collection into your CD drive. If the Sierra installation program starts to run in Windows, close it.

Go back to the DOSBox program group and click on "DOSBox." This will start the emulator and you will be presented with the startup screen.



As you can see, it mounted our CD drive as well as our dosgames directory, and then placed us at C:\.

Let's go to our emulated CD drive by typing "d:" and pressing enter





To see a file and directory listing of our current location, we can type the command "dir". Here we see that the CD has the directories for the 3 games that we will install, AOE, AOTP, and REDBARON.

BOSBox 0.65, C	pu Cycles:	10000, F	rameskip 1, F	rogram:	DOSBOX		
Drive D is moun	ted as CI)Rom.					
Z:\>mount c c:\dosgames Drive C is mounted as local directory c:\dosgames\							
Z:N>c:							
C:\>d:							
D:\>dir							
Directory of D:	\ .						
A10	<dir></dir>		19-04-1997	13:54			
AOE	<dir></dir>		19-04-1997	13:54			
AOTP	<dir></dir>		19-04-1997	13:54			
ENGLISH	<dir></dir>		19-04-1997	13:54			
PIONEERS	<dir></dir>		19-04-1997	13:54			
REDBARON	<dir></dir>		19-04-1997	13:57			
autorun inf		41	04-11-1996	5:05			
SETUP EXE		32,592	27-11-1996	5:39			
SETUP SOL		982,010	01-04-1997	7:09			
SIERRA INF		31,931	18-04-1997	13:07			
4 File(s)	1,	,046,574	Bytes.				
6 Dir(s)		Θ	Bytes free.				
D:\>_							

Let's go to the AOE directory by using the change directory command "cd" followed by the directory name "AOE".

🚟 DOSBox 0.65, C	pu Cycle	s: 10000, F	rameskip 1, F	Program:	DOSBOX	
Z:∖≻mount c c:\	\dosgame	es 🛛				
Drive C is moun	nted as	local dire	ectory c:\do	osgames∖		
Z:N>c:						
C:N>d:						
D:\>dir						
Directory of D:	:N.					
A10	<dir></dir>		19-04-1997	13:54		
AOE	<dir></dir>		19-04-1997	13:54		
AOTP	<dir></dir>		19-04-1997	13:54		
ENGLISH	<dir></dir>		19-04-1997	13:54		
P IONEERS	<dir></dir>		19-04-1997	13:54		
REDBARON	<dir></dir>		19-04-1997	13:57		
AUTORUN INF		41	04-11-1996	5:05		
SETUP EXE		32,592	27-11-1996	5:39		
SETUP SUL		982,010	01-04-1997	7:09		
SIERRA INF		31,931	18-04-1997	13:07		
4 File(s)		1,046,574	Bytes.			
6 Dir(s)		Θ	Bytes free.			
D:N>cd aoe						
D:\AOE>_						

You can see we are now in D:\AOE.



If we did a standard "dir" in this directory it would list more files than could fit on the screen at one time. Luckily the dir command has many options to limit and format the output to our liking. "dir /w" will list the files in a wide format.

🚟 DOSBox 0.65, Cp	u Cycles: 10000, F	rameskip 1, Program	n: DOSBOX	
D:\>cd aoe				
D:SAOESdirzu				
Directory of D:N	ADEN			
[.]	[]	[TAPES]	ADL.DRU	ANE.ADU
ANE.ICO	BC402RTL.DLL	BIDS402.DLL	BOOTDISK.EXE	BWCC.DLL
COMPDLG.DLL	COMMON1.DYN	CONTROL . PRF	CPVW.BUF	CTL3D.DLL
E.EXE	EST.BIN	FIXJOY.BAT	GAME.PIF	GAMEJOY.PIF
GCD.BA2	GCD.COM	GCDJOY.COM	IBMPS1.DRV	INST.EXE
INSTALL.BAT	INSTALL . HLP	INSTALL.SCR	INSTALL.TXT	INTRO.EXE
INTRO1.DYN	MAINMENU.SCD	MANAOE.TXT	MANUAL.ICO	MANUAL.MVB
MREAL.PRF	MSCOMSTF.DLL	MSCUISTF.DLL	MSDETSTF.DLL	MSINSSTF.DLL
MSSHLSTF.DLL	MSUILSTF.DLL	MT32.DRV	MVAP 12 . DLL	MVBMP2.DLL
MVBRKR2.DLL	MVFS2.DLL	MVFTSU12.DLL	MVIEWER2.EXE	MVMCI2.DLL
MUSRCH2.DLL	MVTITLE2.DLL	OWL202.DLL	PS.EXE	RC2CP.EXE
readme	README . ICO	README . MVB	README . TXT	RECORDER. ICO
RESOURCE.CFG	SCRIPT.DAT	SETUP. ICO	SHAKEMED.BAT	SHAKEOFF.BAT
SHAKEON . BAT	SHELL1.DYN	SIERRA.AOE	SIM. IN	SIM.OUT
SIM1.DYN	SIM2.DYN	SIMPREFS.PRF	STD.DRV	TOPMISS.DAT
TSHOOT.DOC	VER.DLL	WDYN256.BMP	WINDYN.EXE	WINDYN.MVB
WINDYN.MVP	WININST.EXE	WININST.MVB	WINST256.BMP	
81 File(s)	25,533,739	Bytes.		
3 Dir(s)	Θ	Bytes free.		
D:\AOF>				

Files that install a game are usually an executable ".EXE" or batch file ".BAT" with a filename of "INSTALL" or "SETUP". Here we see a file named "INSTALL.BAT" which is exactly what we need. To run the batch file, type "INSTALL" and press enter. It is not necessary to type the full name for executable type files.

🚟 DOSBox 0.65, C	pu Cycles: 10000, I	rameskip 1, Progra	m: DOSBOX	
D∶N≻cd aoe				
D∶\AOE>dir∕w				
Directory of D:	NAOEN.			
[.]	[]	[TAPES]	ADL.DRV	ADE.ADV
AOE.ICO	BC402RTL.DLL	BIDS402.DLL	BOOTD ISK. EXE	BWCC.DLL
COMMDLG.DLL	COMMON1.DYN	CONTROL . PRF	CPVW.BUF	CTL3D.DLL
E.EXE	EST.BIN	FIXJOY.BAT	GAME.PIF	GAMEJOY.PIF
GCD.BA2	GCD.COM	GCDJOY.COM	IBMPS1.DRV	INST.EXE
INSTALL.BAT	INSTALL.HLP	INSTALL.SCR	INSTALL.TXT	INTRO.EXE
INTRO1.DYN	MAINMENU.SCD	MANAOE.TXT	MANUAL.ICO	MANUAL.MVB
MREAL . PRF	MSCOMSTF.DLL	MSCUISTF.DLL	MSDETSTF.DLL	MSINSSTF.DLL
MSSHLSTF.DLL	MSUILSTF.DLL	MT32.DRV	MVAP12.DLL	MVBMP2.DLL
MUBRKR2.DLL	MVFS2.DLL	MVFTSU12.DLL	MVIEWER2.EXE	MCMI2.DLL
MUSRCH2.DLL	MVTITLE2.DLL	OWL202.DLL	PS.EXE	RC2CP.EXE
readme	README.ICO	Readme . Mub	README . TXT	RECORDER. ICO
RESOURCE.CFG	SCRIPT.DAT	SETUP.ICO	SHAKEMED.BAT	SHAKEOFF.BAT
SHAKEON . BAT	SHELL1.DYN	SIERRA.AOE	SIM. IN	SIM.OUT
SIM1.DYN	SIM2.DYN	SIMPREFS.PRF	STD.DRV	TOPMISS.DAT
TSHOOT.DOC	VER.DLL	WDYN256.BMP	WINDYN.EXE	WINDYN . MVB
WINDYN . MVP	WININST.EXE	WININST.MVB	WINST256.BMP	
81 File(s)	25,533,739	Bytes.		
3 Dir(s)	Θ	Bytes free.		
D:\AOE>install				



Now the Aces Over Europe installation program will start. Press the enter key to continue to the next screen.



The next screen will ask which hard drive to install the game onto. Since we only mounted 1 drive, it will be the only thing listed. Press enter to select it.





The next screen asks us about our configuration, and the directory where we would like the game to be installed. The default options are fine. Use the arrow keys to highlight the "Accept these choices and begin installation" option



You will get a warning about EMS and XMS memory. Ignore it and press enter to continue.





At the next screen press "F" for a full installation



The installer will then copy the necessary files to the installation location. When it is done it will let you know what you need to do to play the game. Take note of it, because this is what you will need to type.





You will then get a warranty registration screen. Press a key to continue past the screen.

Ins If you have not sent in your Sierra Warranty Registration card, please take a moment now to fill it out and mail it. If you live in the continental USA or Canada you will receive a free 3 issue subscription to InterAction, the quarterly Sierra news magazine which contains valuable coupons, contests, great articles, upgrade information, hints on playing Sierra games, handy techniques for using our products and much more! Please be sure to keep all of the documentation included in your game package. These documents contain information about installing and running the program, instructions for			
our products and much more! Please be sure to keep all of the documentation included in your game package. These documents contain information about installing and running the program, instructions for	Ins	If you have not sent in your Sierra Warranty Registration card, please take a moment now to fill it out and mail it. If you live in the continental USA or Canada you will receive a free 3 issue subscription to InterAction, the quarterly Sierra news magazine which contains valuable coupons, contests, great articles, upgrade information, hints on playing Sierra games, handy techniques for using	
obtaining technical assistance, and clues, hints, maps or other potentially significant information. Remember: we wouldn't have put it all in the box if we didn't think it was important?		our products and much more! Please be sure to keep all of the documentation included in your game package. These documents contain information about installing and running the program, instructions for obtaining technical assistance, and clues, hints, maps or other potentially significant information. Remember: we wouldn't have put it all in the box if we didn't think it was important!	

Press a key to exit the installer.

🗱 DOSBox 0.65, Cpu Cycles: 10000, Frameskip 1, Program: INST
Sierra On-Line Game Install/Setup Program 3.745
Exiting Install Press any key to exit
Copyright 1991-95 Sierra On-Line, Inc. All rights reserved.



You will be placed at the directory where Aces Over Europe was installed. To play now you can type "AOECD" and press enter.



After the intro screens you will get into the main menu of the game.



Go ahead and play through a mission. If the game seems choppy at all, you can increase the emulated cycles by pressing ALT+F12. Each press will increase the cycles by 250. Keep an eye on your processor usage as you do this. Try not to let your processor usage go above 95%. ALT+F11 will decrease the cycles by 250 if you have increased it too much. If you would like DOSBox to automatically take care of this for you, and always use as many cycles as possible without overloading your PC, you can edit the cycles parameter in the "DOSBox.conf" file to the following. cycles=auto



After you are done trying out the game, exit it, and go back to the DOS prompt. Installing Aces of the Pacific, and Red Baron will be exactly the same. Go to the CD drive again by typing "d:" and pressing enter. To go back one directory type "cd.." and press enter. To go into the Aces of the Pacific directory type "cd aotp" and press enter. Then type "install" and press enter.



Follow the same steps that were used to install Aces Over Europe. At the end of the installation you will be in the directory that it was installed to. Type "aotopcd" to run the game.



After you have tested out the game, exit back to the DOS prompt.



Go back to the CD drive by typing "d:", then go back one directory with "cd..". Go go the redbaron directory by typing "cd redbaron" and finally start the install program with "install".



Go though the installer exactly as you did in with the previous 2 games. At the end of the installation, you will be in the red baron directory. Type "baroned" to run the game.



Congratulations! You've just installed DOSBox, Red Baron, Aces of the Pacific, and Aces Over Europe.



Now you can try to install some of your other DOS games. Remember the 2 important dos commands "dir" and "cd". If you get stuck, there are many DOS tutorials available on the internet. Just remember that DOSBox does not emulate everything that real DOS can do. Some games won't work at all, and some will crash. The DOSBox website has a nice list of games and their compatibility with DOSBox.

Your journey of using DOSBox has just started. There are a multitude of options and parameters available to tweak DOSBox to your liking. Check out the README file in the DOSBox program group to learn some of the things you can do. As with anything, it will take time and patience, but in the end it is worth it to run these old classics.