



# HOWTO articles - Emulators

Linux users often grew up using other computer  [Operating Systems](#) and playing their games on  [Consoles](#). After making the switch to a Linux based desktop, no one is keeping you from enjoying those old environments, because emulator software has been written for a great many of those old platforms. Looking for a way to play your old Commodore games? Or MS DOS? Or Atari, ZX Spectrum, or ...? There is an emulator for almost everything, and they run great on Linux.

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## Overview of Emulators HOWTOS

Page	Description	Tags
<a href="#">binfmt_misc</a>	binfmt_misc The term binfmt_misc describes a capability of the Linux kernel which allows arbitrary executable file formats to be recognized and passed to certain user space applications, such as emulators and virtual machines. Explanation The executable formats are registered through a special purpose file system interface (similar to /proc). Your kernel must be configured with	<a href="#">howtos</a> , <a href="#">software</a> , <a href="#">emulator</a> , <a href="#">author</a> <a href="#">alienbob</a>
<a href="#">Preface</a>	Preface Qemu is a popular and powerful open-source emulator often used for running KVM Virtual Machines (VMs). In fact qemu supports emulating so many things that it can be quite challenging, unless you do it very often, to manually start a VM from a text console. Who would want to write the below command for starting a VM ?	<a href="#">howtos</a> , <a href="#">louigi600</a>
<a href="#">PCSX2</a>	PCSX2 PCSX2 is PlayStation 2 emulator that runs on both Windows and Linux, though given it is 32bit only and depends on libraries not included in Slackware, binaries available for download on project's website will not run out of the box. Here is how to make PCSX2 run.	<a href="#">howtos</a> , <a href="#">software</a> , <a href="#">emulators</a> , <a href="#">pcsx2</a>
<a href="#">RetroArch</a>	RetroArch RetroArch is an opensource frontend for various games emulators. It runs libretro "cores" that are available separately as shared libraries. This makes RetroArch modular and user being able to install only desired emulators. Installation RetroArch and some libretro cores are available via SlackBuilds.org.	<a href="#">howtos</a>
<a href="#">TRS80 - Radio Shack TRS-80 Model 1, 3, &amp; 4 Emulator for Slackware</a>	TRS80 - Radio Shack TRS-80 Model 1, 3, & 4 Emulator for Slackware The following information will assist you in getting TRS80 by David Keil running on Slackware. PREWORK: 1. Purchase the EMULATOR, and have it in the mail before proceeding. The EMULATOR is provided by, and purchased for \$10.00 from:	<a href="#">howtos</a> , <a href="#">software</a> , <a href="#">emulators</a> , <a href="#">trs80</a> , <a href="#">z80</a> , <a href="#">cp m</a> , <a href="#">author</a> <a href="#">ldkraemer</a>
<a href="#">vms</a>	vms An example using vms for creating and managing a qemu virtual machine Installation You need to install vde2, tigervnc and qemu first Get the ready made package and install it, you should use the latest release wget https://bitbucket.org/yotis/vms/vms-0.2.1-noarch-1did.tgz upgradepkg --install-new vms-0.2.1-noarch-1did.tgz	<a href="#">howtos</a> , <a href="#">software</a> , <a href="#">emulator</a> , <a href="#">vms</a> , <a href="#">qemu</a>
<a href="#">vms pci passthrough</a>	vms pci passthrough Using vms for pci passthrough. This example is for a graphics card, but it will work for any PCI device. This has been tested for qemu guests running linux, Windows and macOS. Setup the virtual machine Install vms and setup a virtual machine as described here	<a href="#">howtos</a> , <a href="#">qemu</a> , <a href="#">vms</a> , <a href="#">passthrough</a>

<a href="#">XTRS - Radio Shack TRS-80 Model 1, 3, &amp; 4 Emulator for Slackware</a>	<p>XTRS - Radio Shack TRS-80 Model 1, 3, &amp; 4 Emulator for Slackware The following information will assist you in getting XTRS by Tim Mann running on Slackware. PREWORK: 1. Install XTRS (Version 4.9D) from SlackBuilds.org &lt;<a href="http://slackbuilds.org">http://slackbuilds.org</a>&gt; 2. Read the XTRS Emulator Documentation.</p>	<a href="#">howtos, software, emulators, trs80, z80, cp m, xtrs, author ldkraemer</a>
<a href="#">Z80 Emulator for Slackware</a>	<p>Z80 Emulator for Slackware The following information will assist you in getting MYZ80 by Simeon Cran running on Slackware 14 under DOSBox. PREWORK: 1. Locate the zipfile myz80.zip, and extract the contents to a folder named Z80-Sim. &lt;<a href="http://www.z80.de/myz80.zip">http://www.z80.de/myz80.zip</a>&gt; 2. Install DOSBox from SlackBuilds.org</p>	<a href="#">howtos, software, emulators, dosbox, z80, cp m, author ldkraemer</a>

[howtos, topic page](#)

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Last update: **2016/08/14 15:22 (UTC)**

