

AROS – 2 – PENDRIVE virtual machine

User manual

This tiny virtual machine for Vmware has been created to facilitate creation of a USB installation pendrive, on PCs and notebooks lacking of a internal or external DVD driver/burner.

In a few words, the goal of this tutorial will be installing Icaros Desktop on a USB pendrive running AROS into a virtual machine, and using your favourite OS as primary host. The resulting USB pendrive might be used to run Icaros Desktop directly, or furtherly adapted to be a installation pendrive.

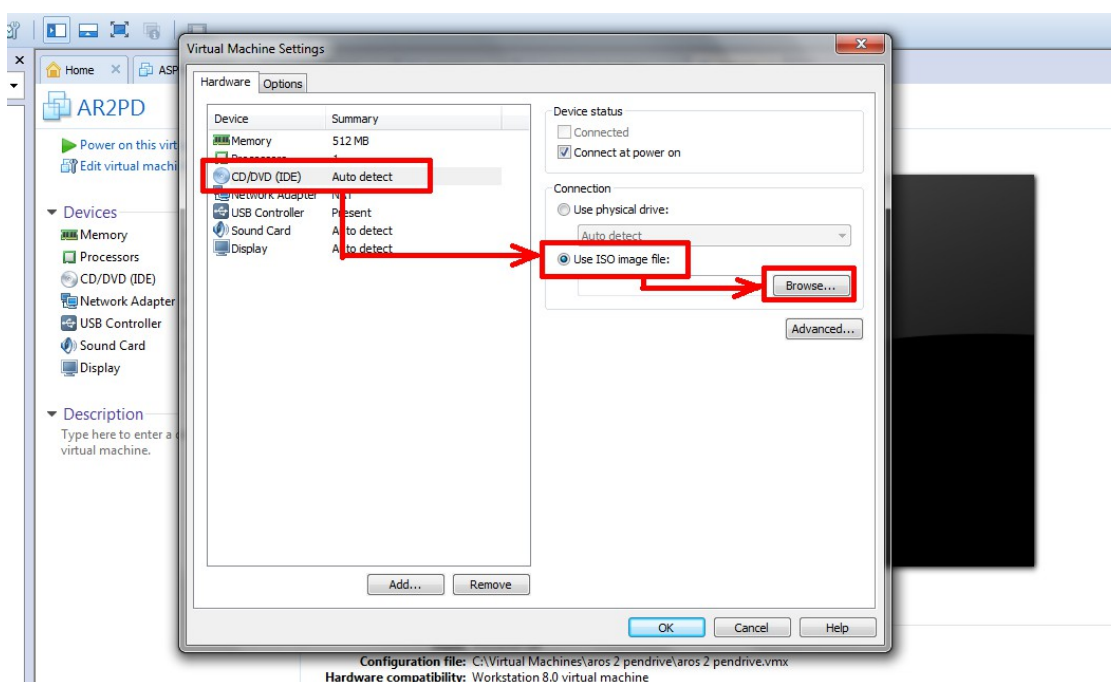
1. REQUIREMENTS

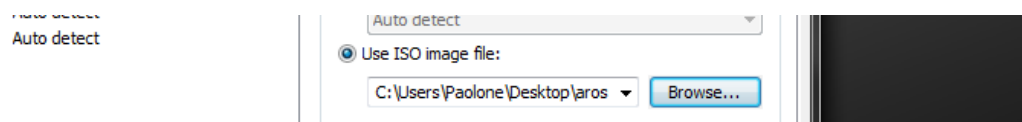
Before starting, please be sure you have the following:

- Icaros Desktop Live or Light installation ISO
<http://www.icarosdesktop.org>
- Vmware Workstation or Player installed on your host system
<http://www.vmware.com>
- Icaros Desktop PDF manual
- a bare USB pendrive of 2-4 GB, cleaned of any existing partition (see chapter 3.1.2 of your Icaros Desktop manual)

2. PROCEDURE

Open “Aros-2-pendrive” virtual machine using either Vmware Workstation or Player. The VM may run also on other virtualization platforms such as VirtualBox, but that's not officially supported or endorsed. Click on the CD-ROM options to load Icaros Desktop's ISO as virtual DVD drive:





You don't need to change anything else. Just provide 1 GB (or more) of RAM instead of 512 MB if your host computer allow this (on a 4 GB PC please select 1 GB to avoid problems), or if you experience memory issues during installation.

Do NOT connect your USB pendrive at this stage.

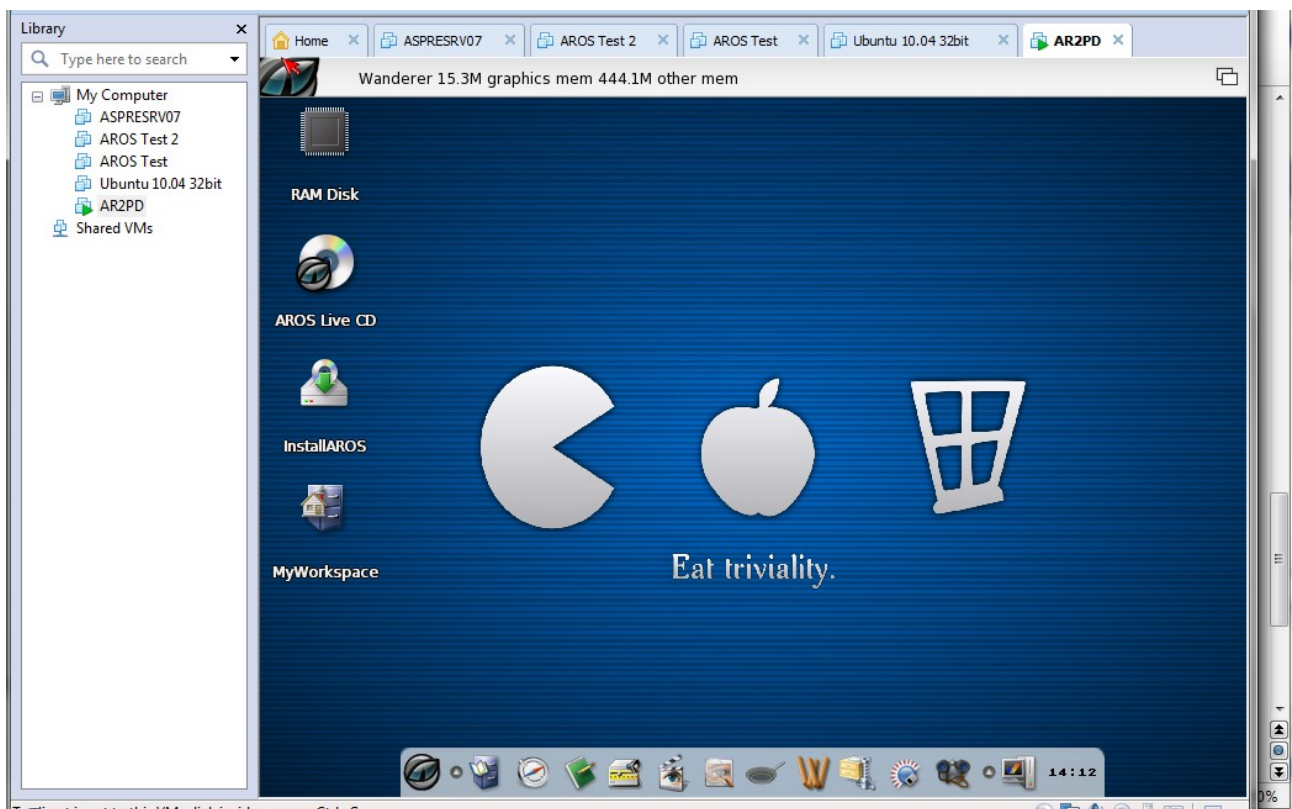
Do NOT enable “USB 2.0 speed” in USB options of Vmware.

Click OK and turn on the virtual machine. If prompted:



Choose either “I moved it” or “I copied it”, it doesn't absolutely matter.

For your convenience, choose the 800x600 screen option at GRUB menu: you don't need a bigger resolution to install AROS



Once the VM has booted up system, insert your USB pendrive and let Vmware detect it. You may have to manually mount it in Vmware menus using the “removable devices” option.

Run InstallAROS and follow chapters 3.1 and following of Icaros Desktop manual. Those informations won't be replicated here. Just remember that

- a) you will need to boot the OS twice, the first time to partition the pendrive, the second to install software
- b) you've better (really better) creating a SINGLE partition, and NOT to use DH1: for extras stuff
- c) you won't need to install everything in order to create a USB pendrive, the script provided with Icaros Desktop will copy all necessary files for you. Read chapter 3.1.5 and following of Icaros Manual.

Enjoy!