

LOD2 VMWare Setup Guide

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME
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The VMWare Setup Guide describes how a virtual machine can be created which can host the LOD2 stack. The description is for a Windows 7 host and an ubuntu 10 guest situation.

1 Virtual Machine creation

The LOD2 stack has been verified on an Ubuntu 10 machine. The minimal hardware requirements are 512MB RAM and 20 GB disk.

The iso image used to develop this installation guide with is:

```
ubuntu-10.10-desktop-i386.iso
```

After the creation follow the instructions to upgrade the ubuntu distribution to the most recent version.

2 Additional software

To ease your work on the LOD2 machine the following software is useful.

2.1 text editor

(optional) install the VIM editor

```
sudo apt-get install vim
sudo apt-get install vim-gnome
sudo apt-get install vim-addon-manager
vim-addons -y /usr/share/vim/addons/ install asciidoc
```

2.2 fileformats

convert between dos and unix text files

```
sudo apt-get install dos2unix
```

2.3 document management

asciidoc is a tool for layout ascii texts documents nicely.

```
sudo apt-get install asciidoc
```

unoconv is a general converter between document formats.

```
sudo apt-get install unoconv
```

```
sudo apt-get install docbook2odf
```

3 Accessing host directories

This are some notes to get Windows7 host directories accessible in the ubuntu guest.

1. In options of the VM machine settings > options > shared folder. This is a label <LABEL> to the directory on the host machine that will be accessible in the VM client machine.
2. install the vm client tools in the client

```
sudo apt-get install open-vm-tools
sudo apt-get install open-vm-dkms
```

3. mount the directory.

```
sudo mkdir /mnt/<DIR>
sudo mount -t vmhgfs .host:/<LABEL> /mnt/<DIR>
```

4 Processing asciidoc documents

This guide is processable by *asciidoc*. If installed then

```
a2x -f pdf <file>
```

will result in a pdf version of the document.

Converting to MSword

```
a2x -f docbook -d article <filename>.txt
docbook2odf -f --params generate.meta=0 -o <filename>.odt <filename>.xml
unoconv -f doc <filename>.odt
```