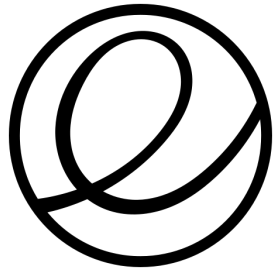


Elementary OS

Ulvis Goldbergs
UG17005




Elementary OS

- Lightweight
- Positioned as replacement for Windows and Mac OS X
- Fast
- Easy to setup
- Stable
- Open Source
- Pantheon user interface (Built on GNOME)
- First stable version - 31 march 2011
- Forked from Ubuntu

Creating VM ...



Define VM


- Name
- Type
- RAM size



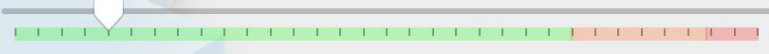

Name and operating system

Name:

Type:  

Version: 

Memory size

  MB




4 MB 16384 MB

Hard disk

☐ Do not add a virtual hard disk


☒ Create a virtual hard disk now

☐ Use an existing virtual hard disk file


  

Guided Mode Go Back Create Cancel


Create Virtual Disk



File location

ElementaryOS 

File size

 41,41 GB

4,00 MB 2,00 TB

Hard disk file type

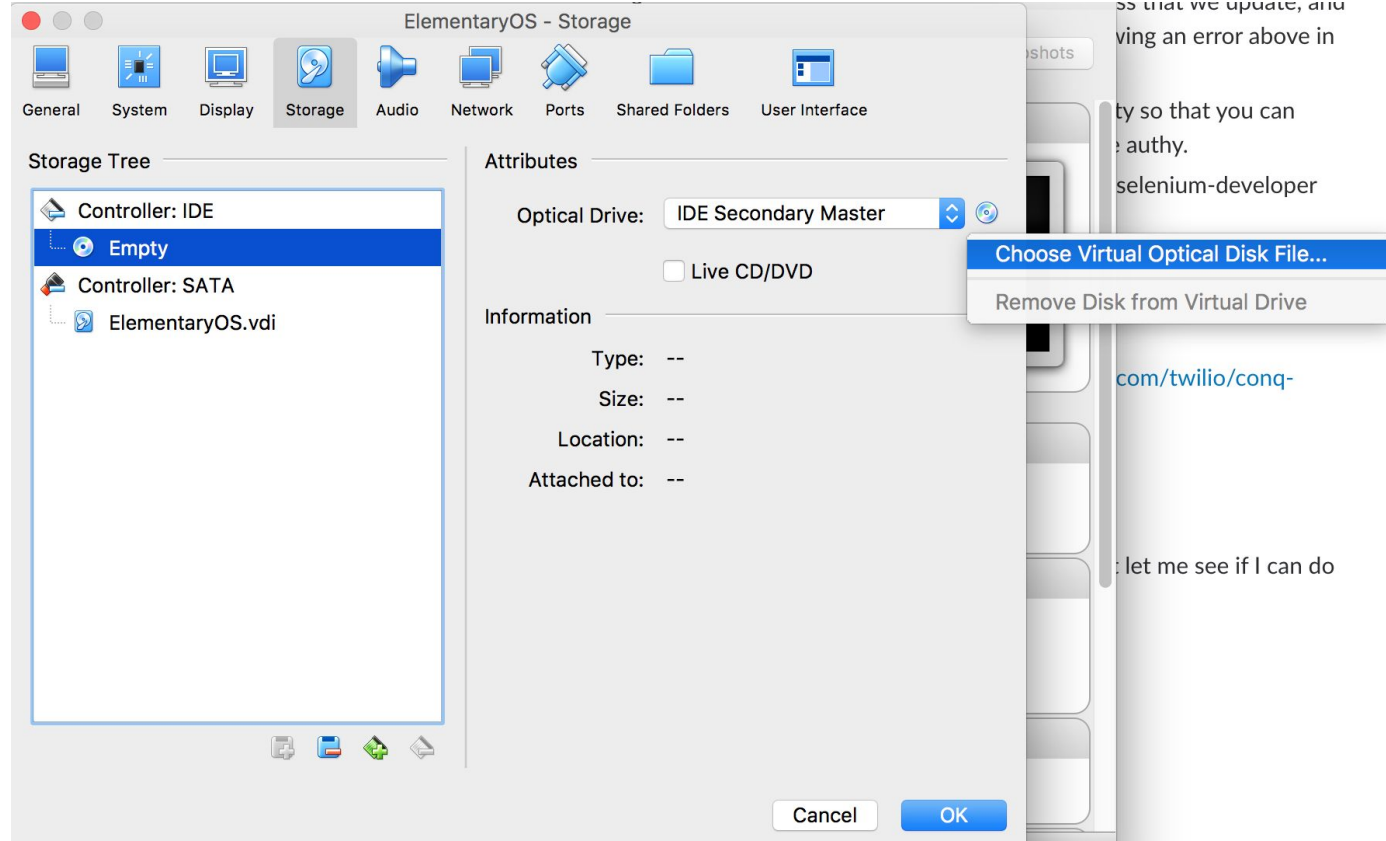
- ☒ **VDI (VirtualBox Disk Image)**
- ☐ **VHD (Virtual Hard Disk)**
- ☐ **VMDK (Virtual Machine Disk)**
- ☐ HDD (Parallels Hard Disk)
- ☐ QCOW (QEMU Copy-On-Write)
- ☐ QED (QEMU enhanced disk)

Storage on physical hard disk

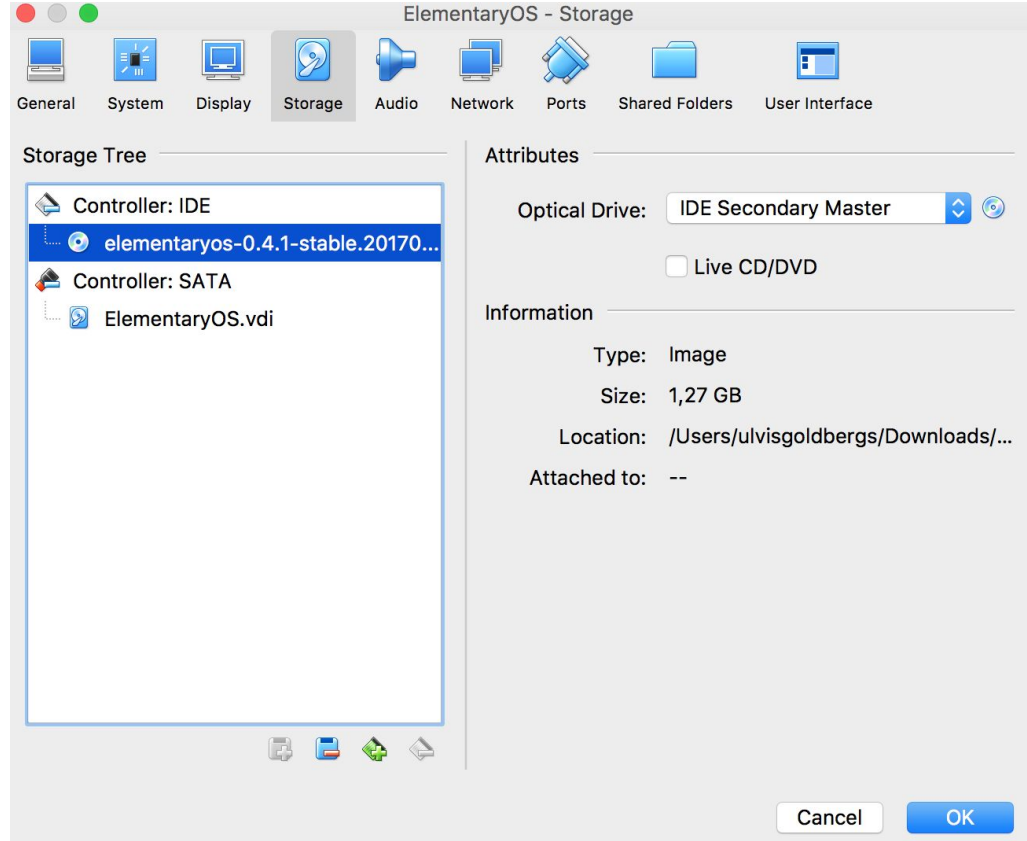
- ☒ Dynamically allocated
- ☐ Fixed size
- ☐ Split into files of less than 2GB

[Guided Mode](#) [Go Back](#) [Create](#) [Cancel](#)

Add ElementaryOS setup disk

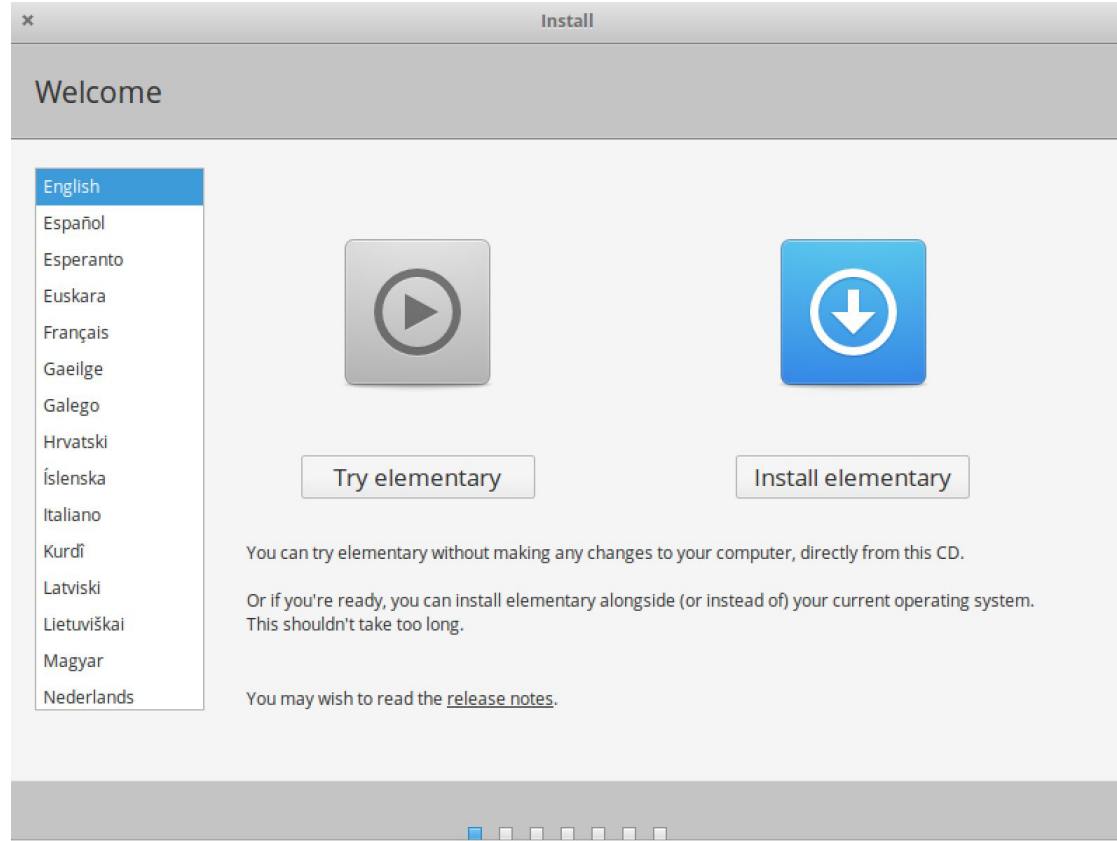


ElementaryOS setup disk configured



Installation ...

Select setup language





Install

Preparing to install elementary

☒ Download updates while installing elementary

This saves time after installation.

☒ Install third-party software for graphics and Wi-Fi hardware, Flash, MP3 and other media

This software is subject to license terms included with its documentation. Some is proprietary.

Fluendo MP3 plugin includes MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Technicolor SA.

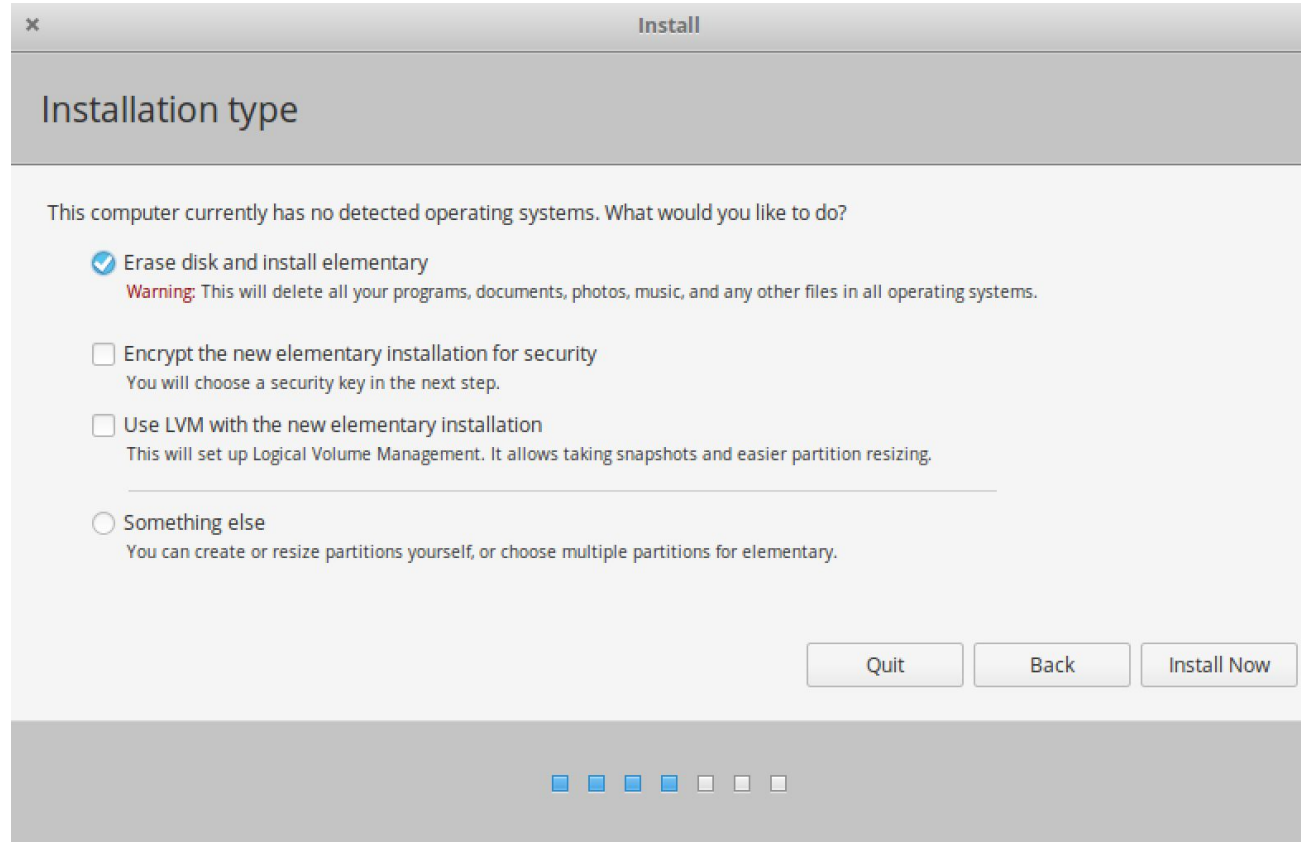
Quit

Back

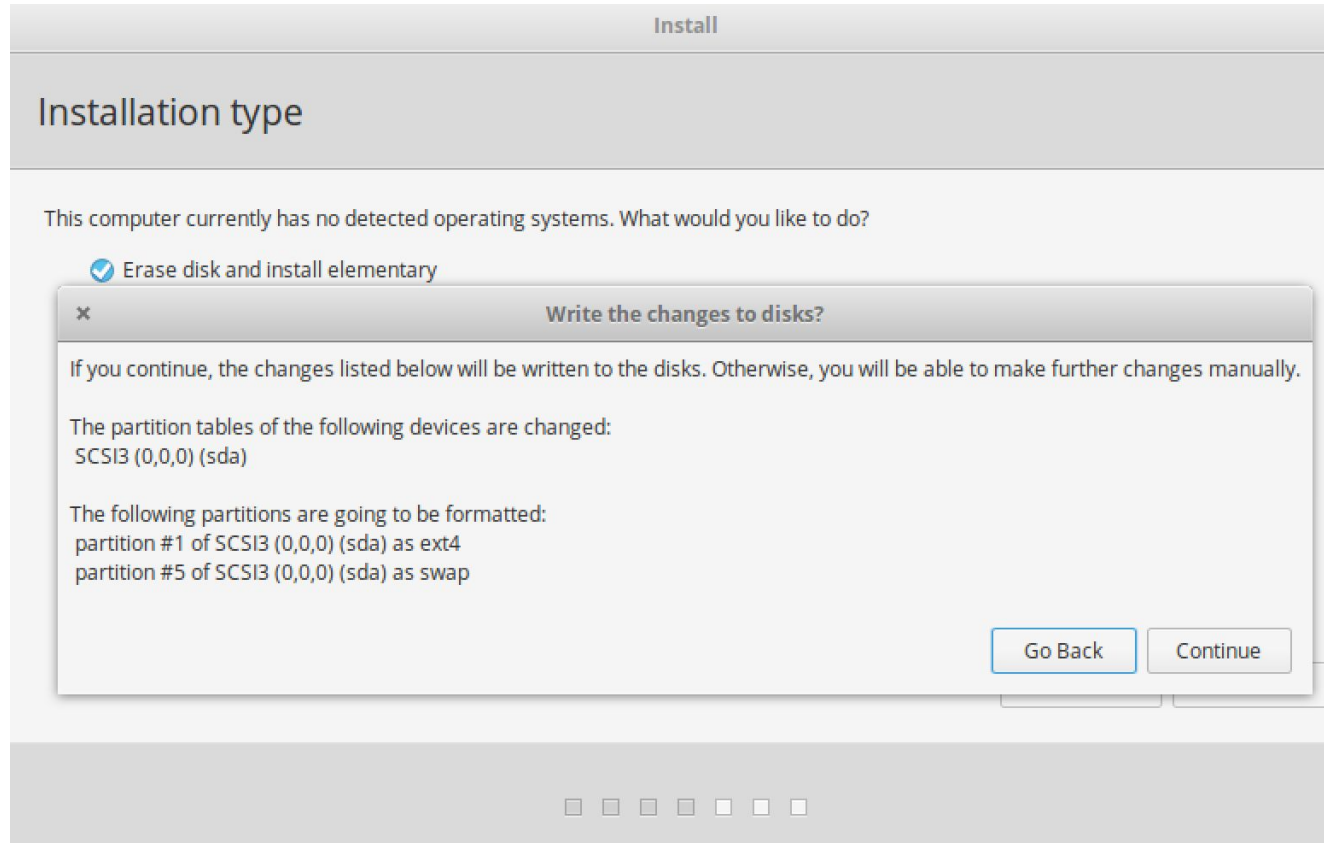
Continue



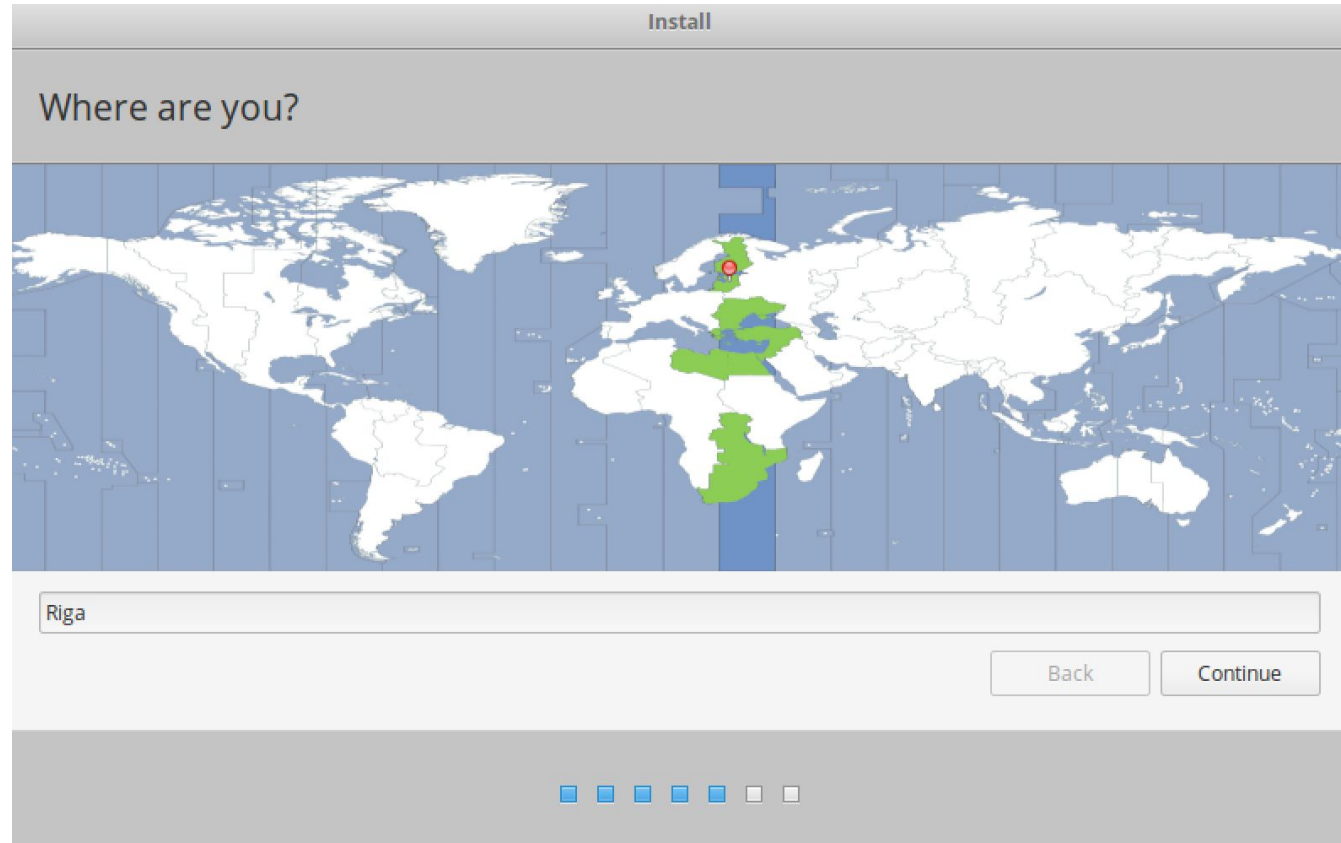
Defining OS disk setup



Confirming OS disk setup



Selecting Location



Selecting Keyboard layout

Install

Keyboard layout

Choose your keyboard layout:

Korean	Latvian
Kyrgyz	Latvian - Latvian (F variant)
Lao	Latvian - Latvian (adapted)
Latvian	Latvian - Latvian (apostrophe variant)
Lithuanian	Latvian - Latvian (ergonomic, ŪGJRMV)
Macedonian	Latvian - Latvian (modern)
Maltese	Latvian - Latvian (tilde variant)


Detect Keyboard Layout


BackContinue


Defining user

Install


Who are you?

Your name: 

Your computer's name: 
The name it uses when it talks to other computers.

Pick a username: 


Choose a password: **Weak password**

Confirm your password: 

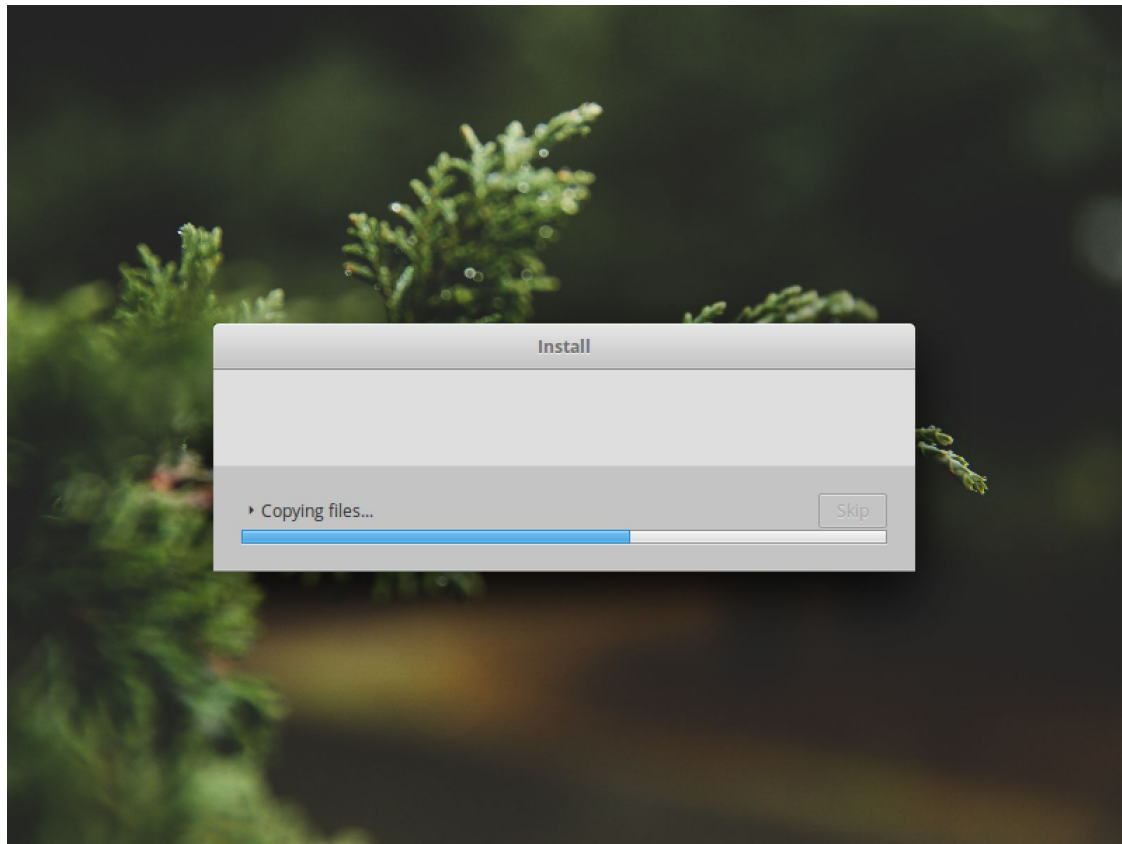
☐ Log in automatically

☒ Require my password to log in

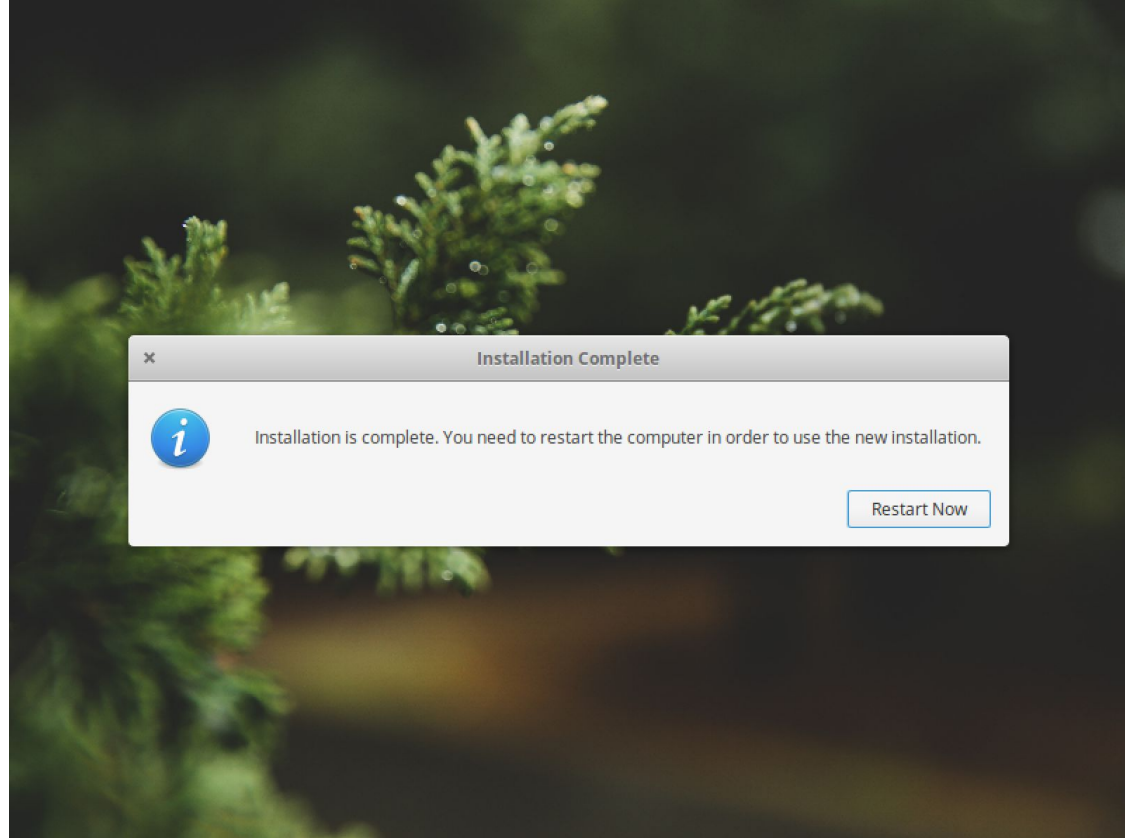
☐ Encrypt my home folder



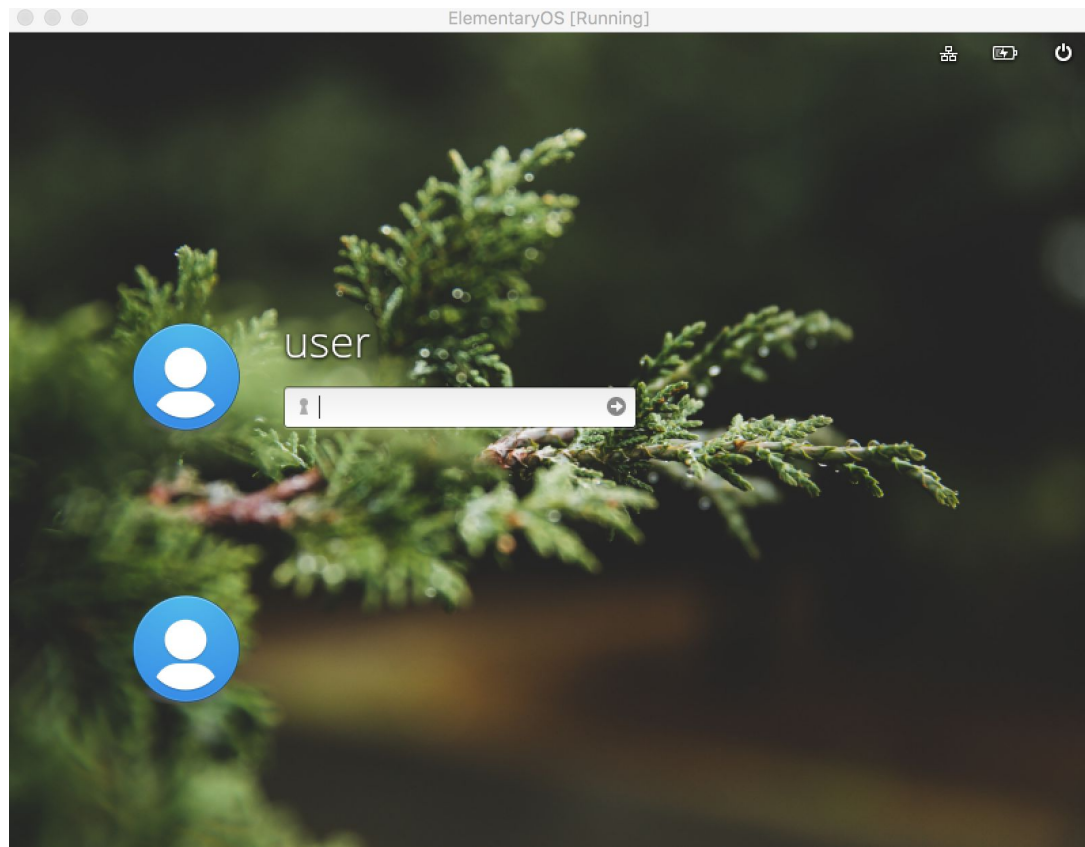
Waiting for install...



Reboot After installation

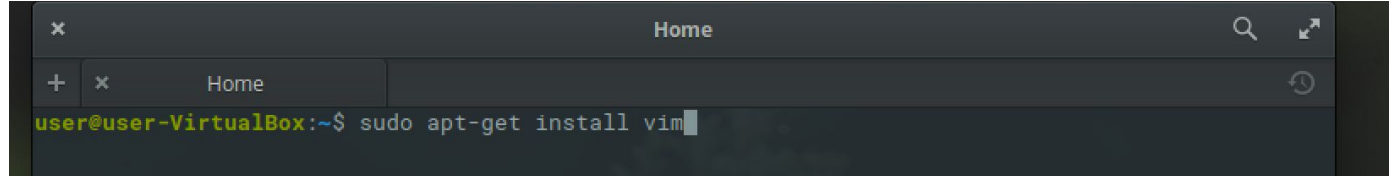


Ready to login



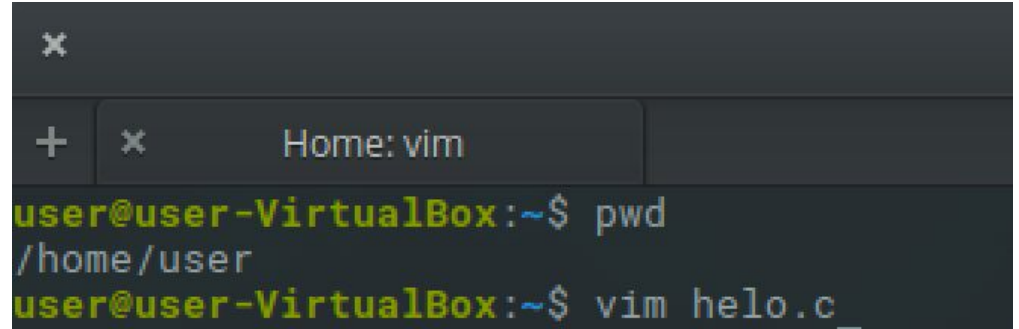
C compiler and hello world...

Install simple text editor - vim

A terminal window with a dark background. The title bar shows a close button, the word "Home", a search icon, and a maximize icon. Below the title bar is a tab bar with a plus icon, a close icon, and the text "Home". The terminal content shows the prompt "user@user-VirtualBox:~\$" followed by the command "sudo apt-get install vim" with a cursor at the end.

```
user@user-VirtualBox:~$ sudo apt-get install vim
```

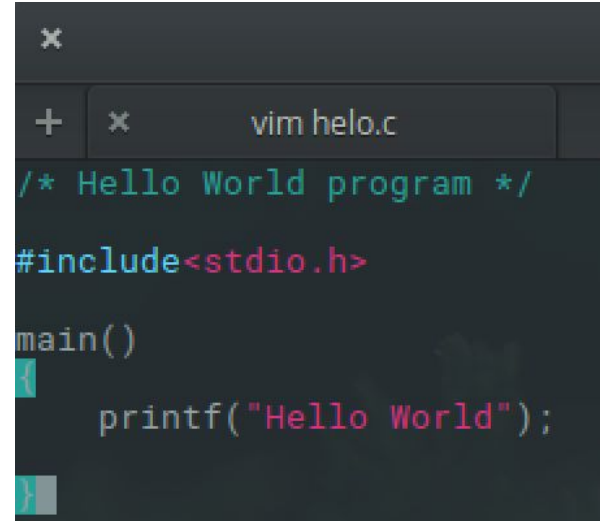
Create and open hello.c - source code file



```
x
+ x Home: vim
user@user-VirtualBox:~$ pwd
/home/user
user@user-VirtualBox:~$ vim helo.c
```

A terminal window with a dark background. The title bar shows a close button (x) and a tab labeled '+ x Home: vim'. The terminal content shows a user at a prompt 'user@user-VirtualBox:~\$' running 'pwd' which outputs '/home/user', and then running 'vim helo.c'.

Write simple hello world code



A screenshot of a terminal window with a dark background. The window title bar shows a close button (x) and a tab labeled '+ x vim helo.c'. The code inside the editor is as follows:

```
/* Hello World program */  
#include<stdio.h>  
  
main()  
{  
    printf("Hello World");  
}
```

Compile the code with gcc

```
user@user-VirtualBox:~$ gcc helo.c -o helo
```

Run compiled code

```
user@user-VirtualBox:~$ ./helo  
Hello Worlduser@user-VirtualBox:~$
```


Summary

- Very lightweight
- Simple setup
- GCC compiler already built in
- Perfect OS for Web browsing and multimedia usage