



# iBuntu Update Tool

## --Tutorial--

This Document helps you to update or upgrade your iBuntu OS safely from one Version to another.

### 1. How to get it

From iBuntu Version 1.3 the iBuntu Update Tool will be fully integrated within the System so all settings are already done and you can launch it directly from the Launchpad.

If you have a Version lower than 1.3 you first need to download it from here:

<https://github.com/ibuntuos/iBuntuUpdateTool>

(just click on "Code" and than "Download ZIP".

After that you just extract the folder to your desktop and than press

**ALT + CTRL + T**

to open a new Terminal Console. There you enter follwoing command (you can copy it here and insert it in the terminal with a right click and selecting "paste"):

```
sudo apt install python3-pip python3-tk -y pip3 install  
pysimplegui
```

This will install the necessarry dependencies for the program. After that, just open the downloaded folder and run the script

**iBuntu\_Update\_Tool\_start.sh**

Than the program should greet you like this:



It's important to do all the steps from top to bottom since if you for example forgot to save your manually installed packages and than perform a Update, you won't be able to reinstall them easily with this tool. So the point 6 ("Restoring your Packages") only works after an update or upgrade and only if you performed the point 2 ("Save your packages") before.

At this point we once again want to inform you: If you downloaded manually .deb Files and installed additional programs with them, our tool isn't able to back them up. You will need to save all .deb-Files you downloaded and installed yourself. But don't worry: The settings of all your programs won't be touched so if you reinstall your software after the update or upgrade all your settings will directly re-appear.

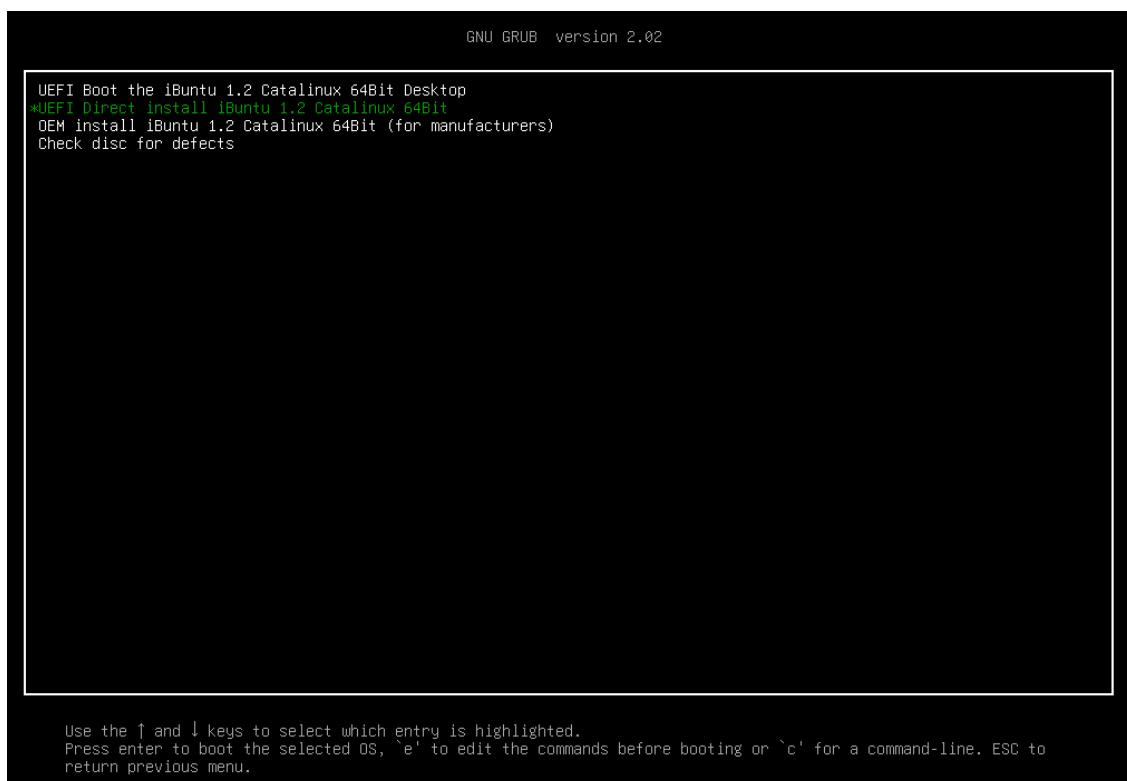
And if you only downloaded additional software via the Ubuntu Software Center and didn't use additional PPAs, our steps 2 + 6 in the Tool will be enough to bring all your programs back after the update/upgrade.

Since our Tool is very self-explaining and already has the necessary Tooltips included we now focus on the main part of it, point 5: Update your System:

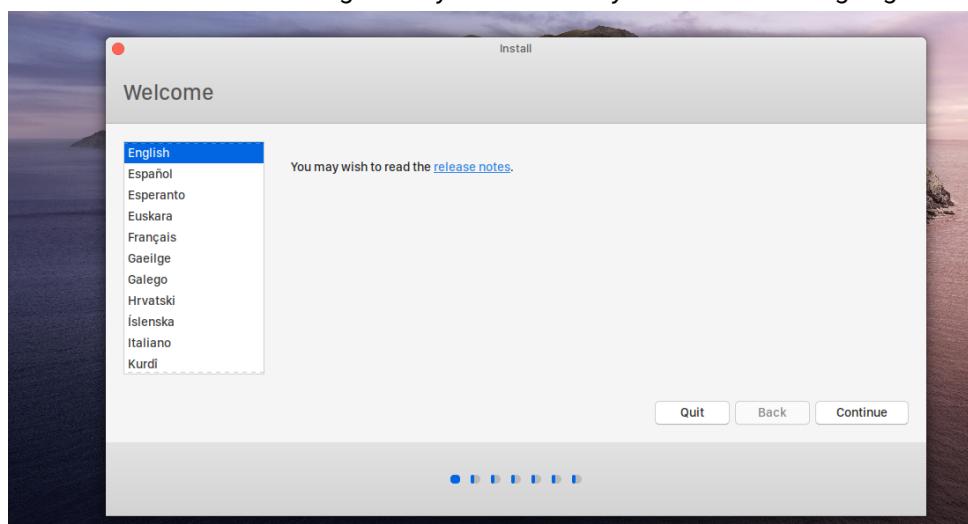
# Update your System

Once you did a System Backup, saved your manually packages, saved all your manually downloaded .deb Files, downloaded the newest Version of iBuntu and - if you install it directly on your hardware - created a bootable USB-Stick, you now go to the main part, the update/upgrade itself. Therefore you boot your PC or virtual machine with the created USB Stick (or at the virtual machine with the .iso File you downloaded as virtual boot device)

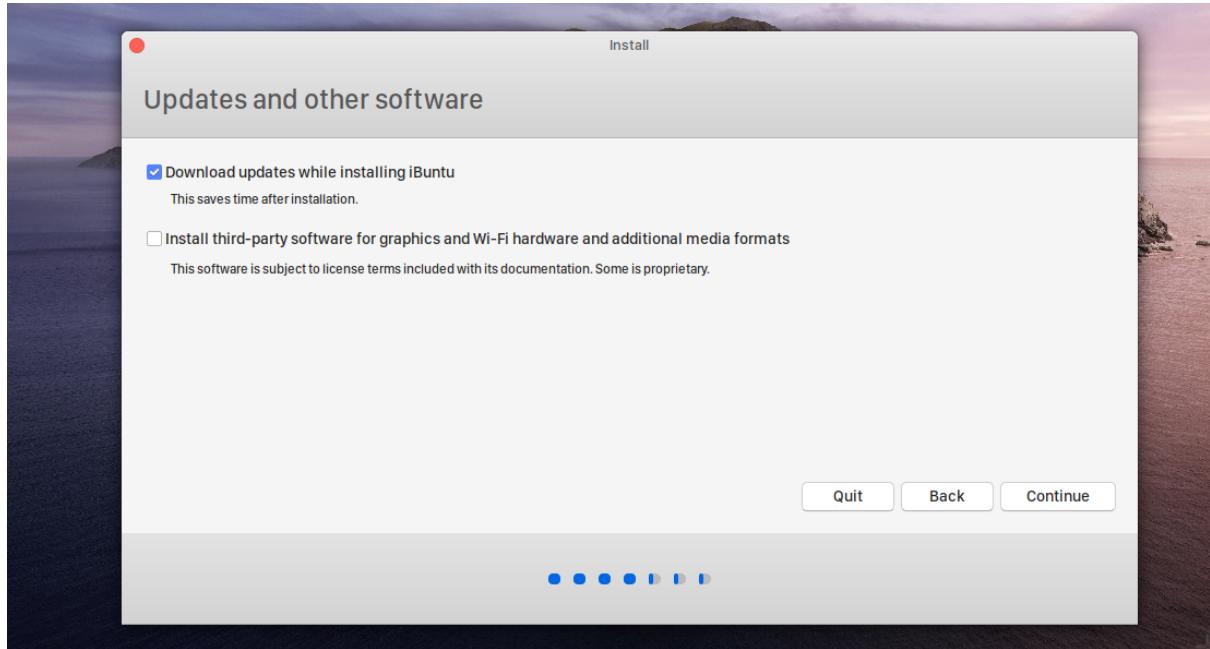
After that you chose the "Direct Install" Option



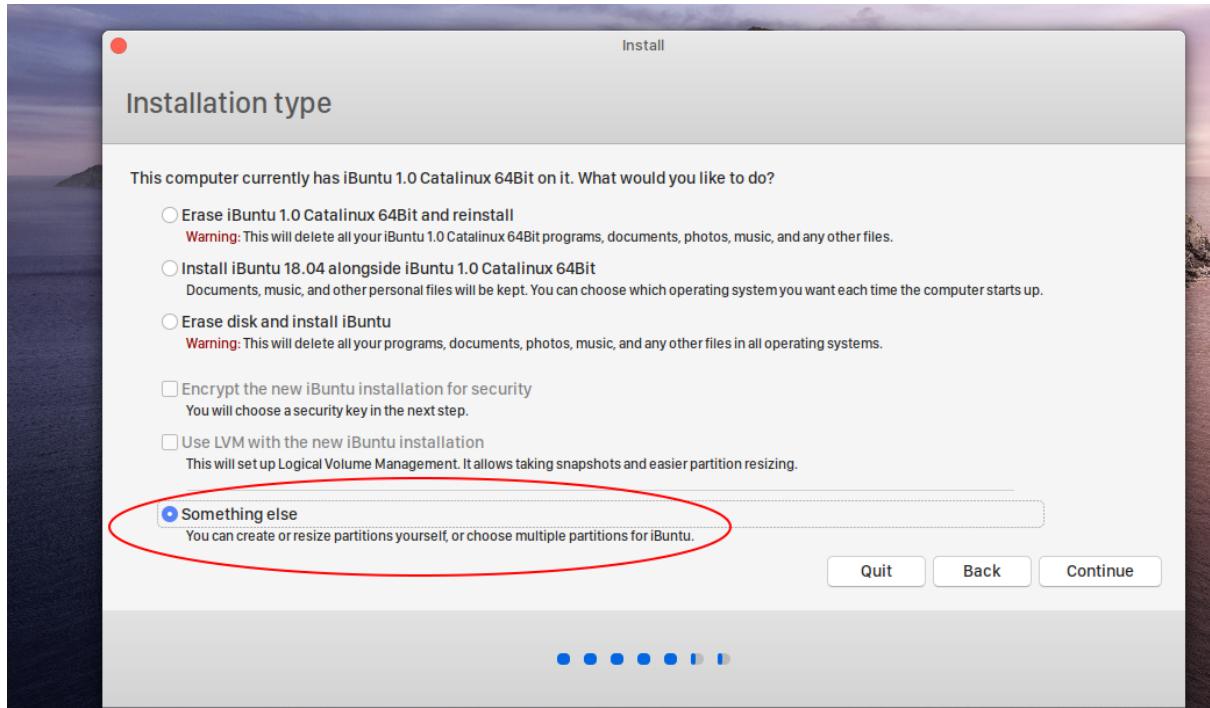
The Installer will load and greet you normally with the language selection:



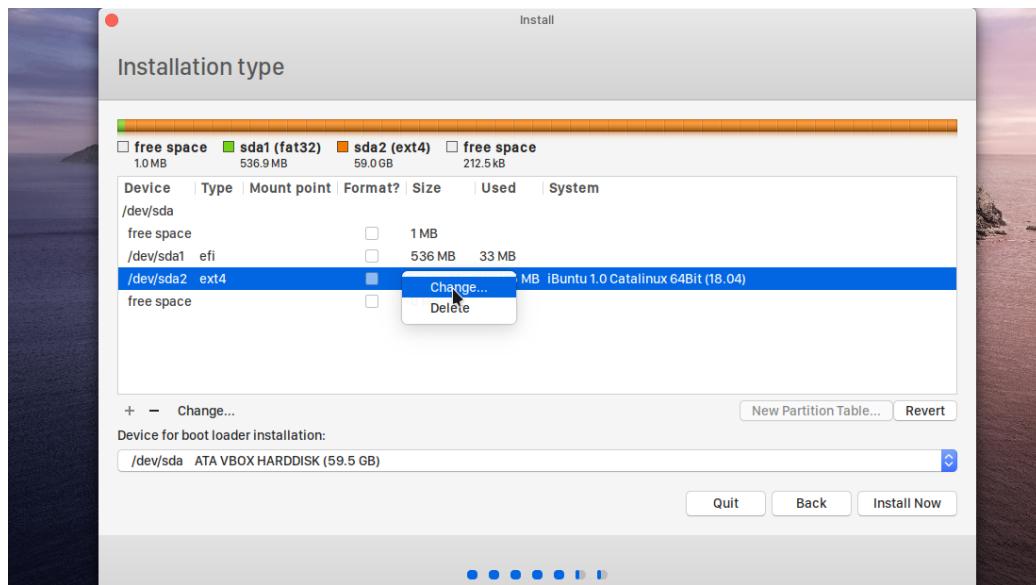
You normally proceed with the Installer and also chose "Download updates while installing iBuntu"



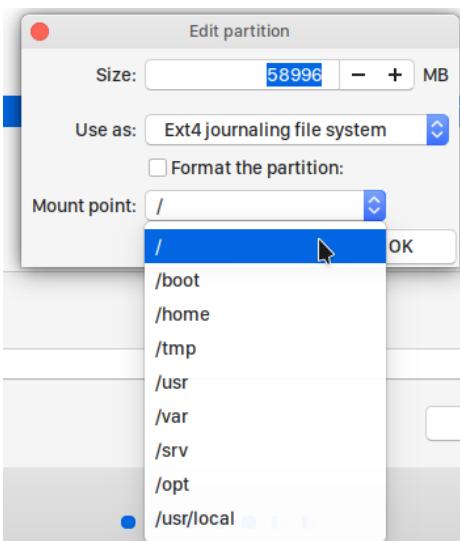
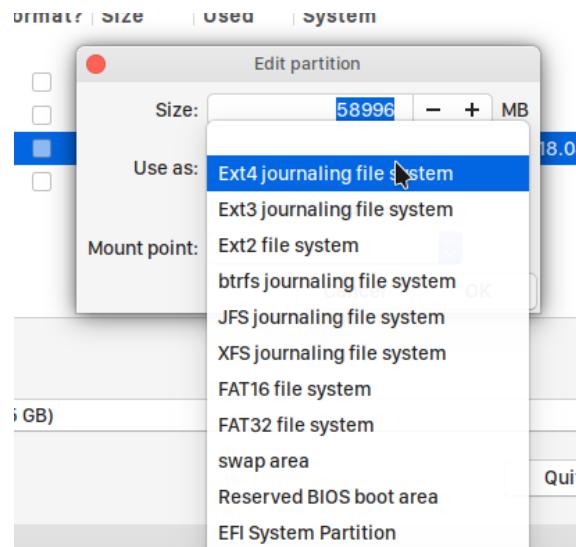
And than you once will reach the "Installation type" Window. Here it is important to chose "Something else" and proceed:



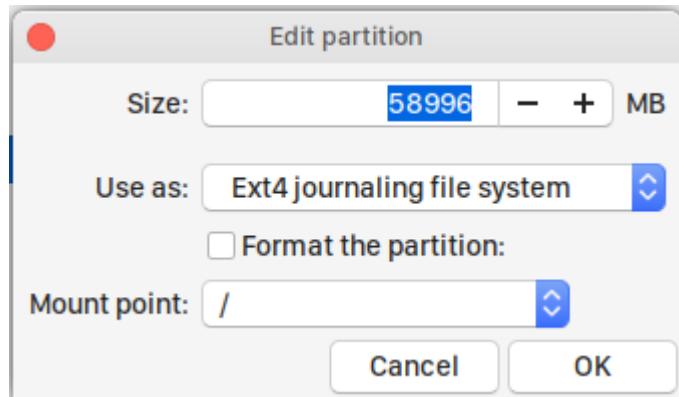
In the next Window you select the partition where your current version of iBuntu is installed, mark it with a right click and chose the option "Change":



A Sub-Window will appear and ask you how you want to use this partition. You chose here the Ext4-Filesystem and define "/" as Mountpoint. This will make it again to your main system partition.

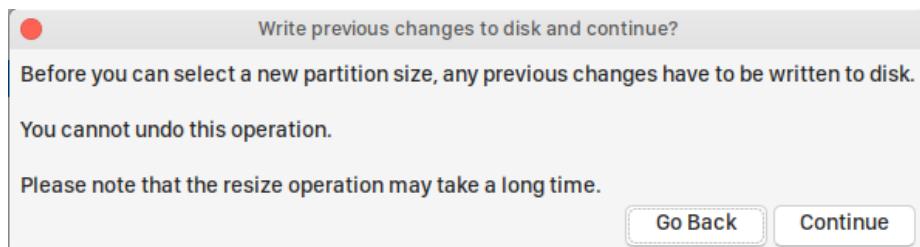


At the end your configuration needs to look like this:

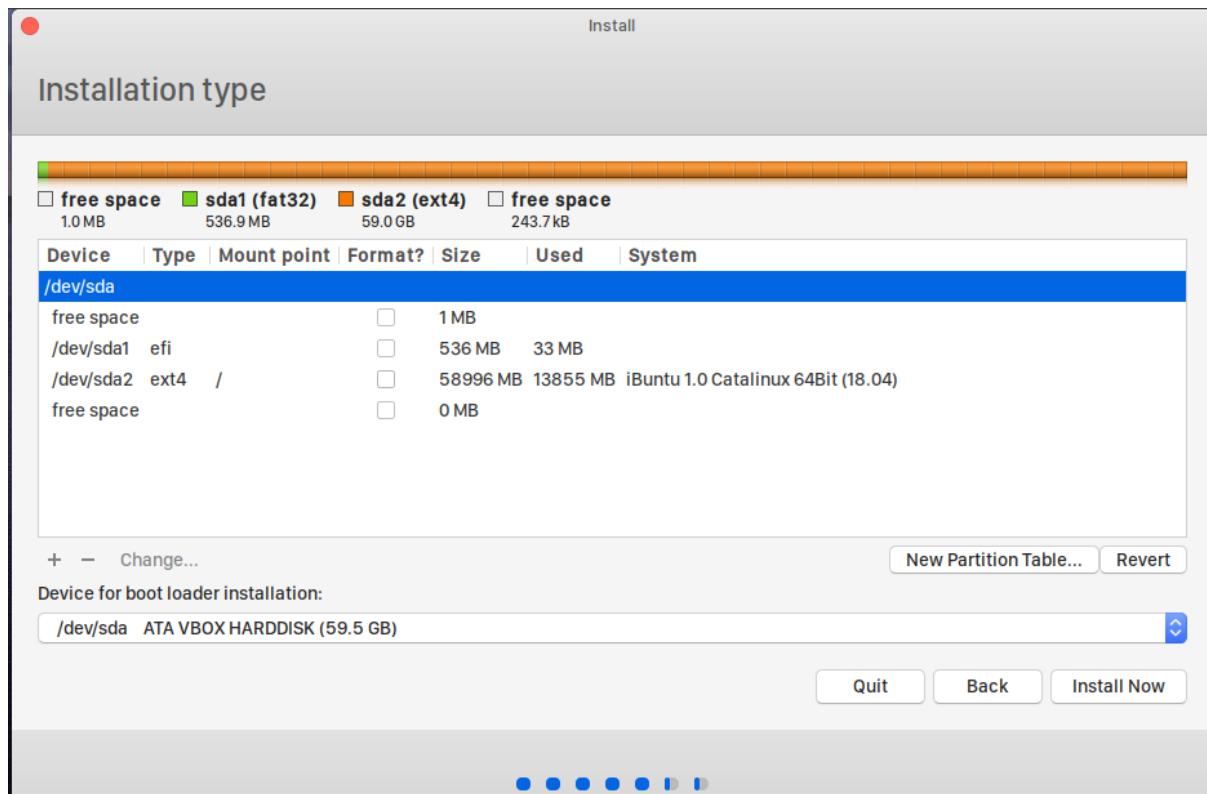


Important: Do **NOT** select the option "Format the partition:". It is absolutely necessary that you won't format your partition or you will lose all your data and will need your Backup to recover your system. So leave this checkbox unchecked and if it's preselected than uncheck it - you really don't want to format this partition!

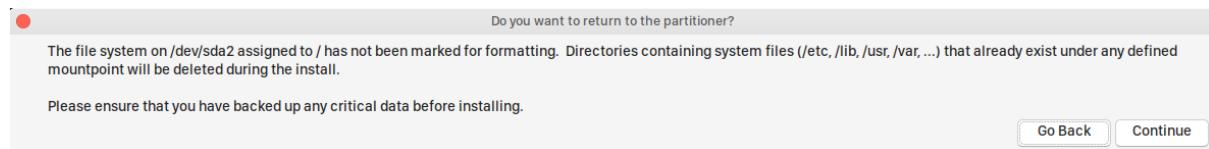
When you proceed this message might appear - just click "Continue":



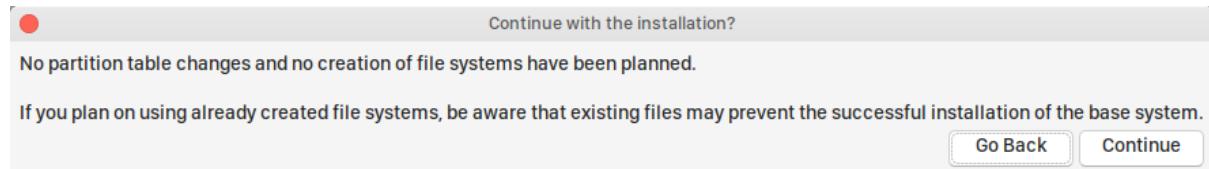
So at the end what you configured with "Something else" should look somehow like this (ignore the efi entries and free space, only ext4 matters):



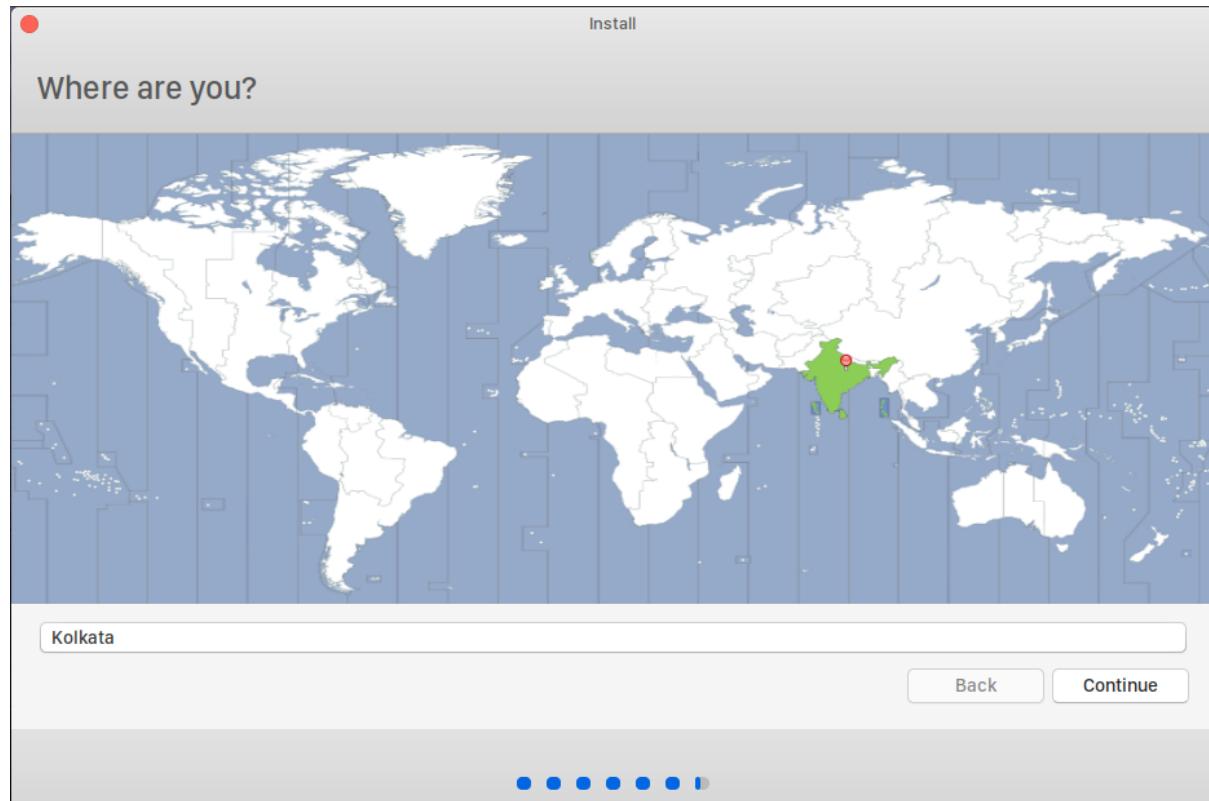
When you now want to proceed the Installer again is nagging and warning you that you didn't format your system partition. Just click on "Continue" since this is exactly what we want to preserve our data.



Also you might see this warning - again just click on "Continue":

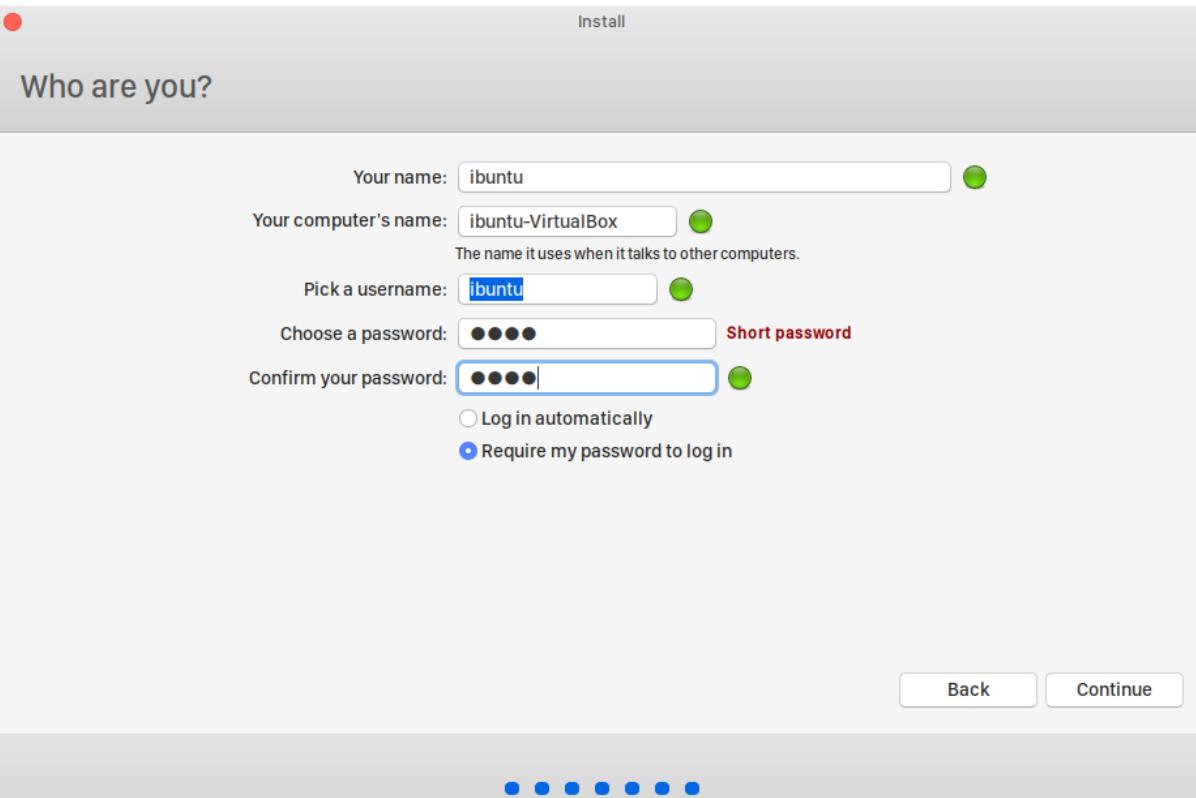


After that the normal Dialog from where you are should pop up. Fill in your time zone and Continue:

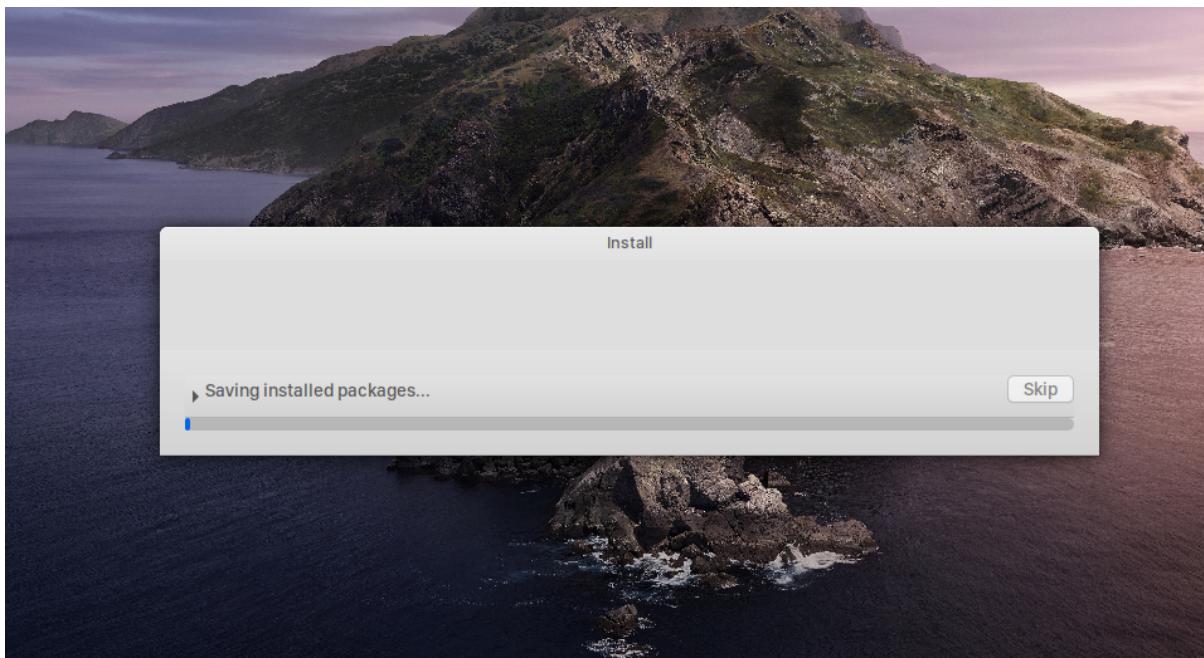


In the next step the Installer want to create a system user.

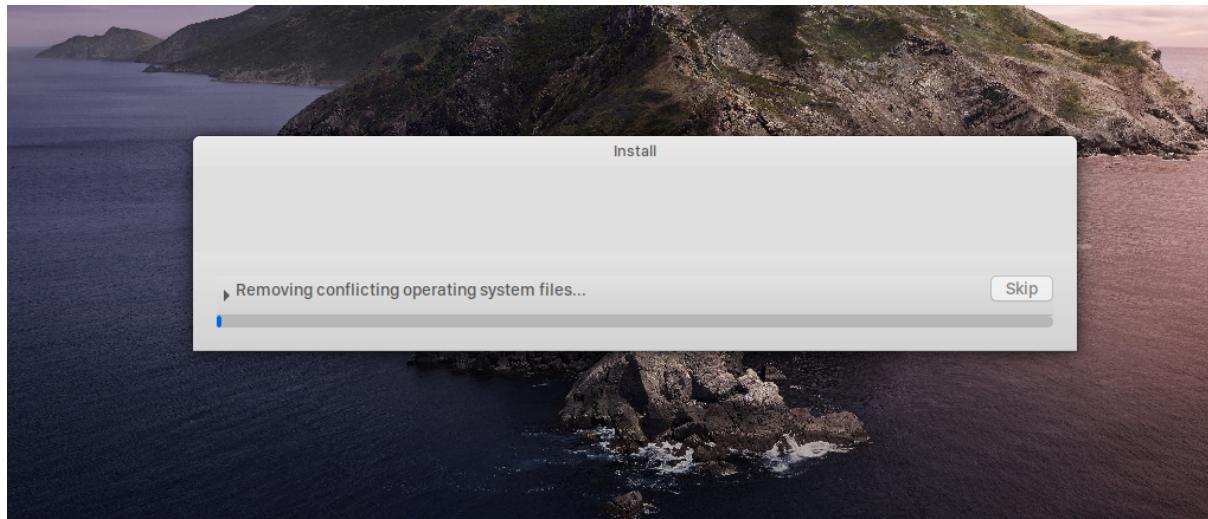
Make absolutely sure you chose your current system user and give it the same password as you already use. Like this you won't get into a mismatch with your current system settings.



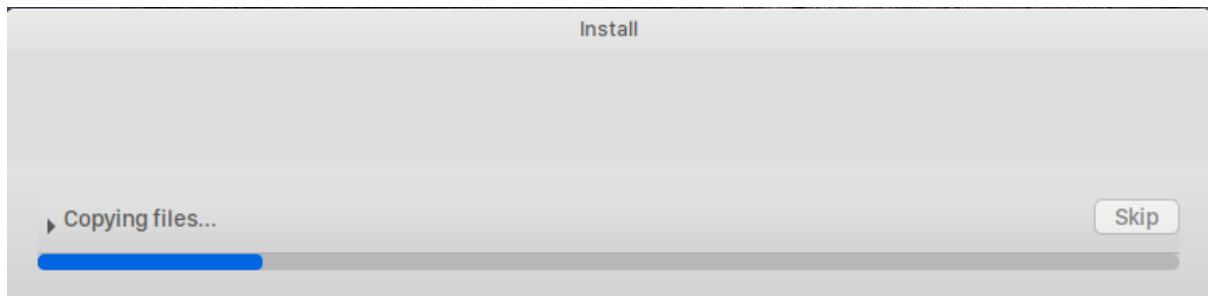
Now, finally the installer will start to run, saving installed packages (which is a bit of a lie since without our tool you will lose all manually installed packags - but since you are using our tool right now you don't need to worry ;-))



Don't let yourself get confused with messages during the process like this - they are completely normal and exactly what we want:



After you reach this point during install it will run through like a normal fresh system Installation:



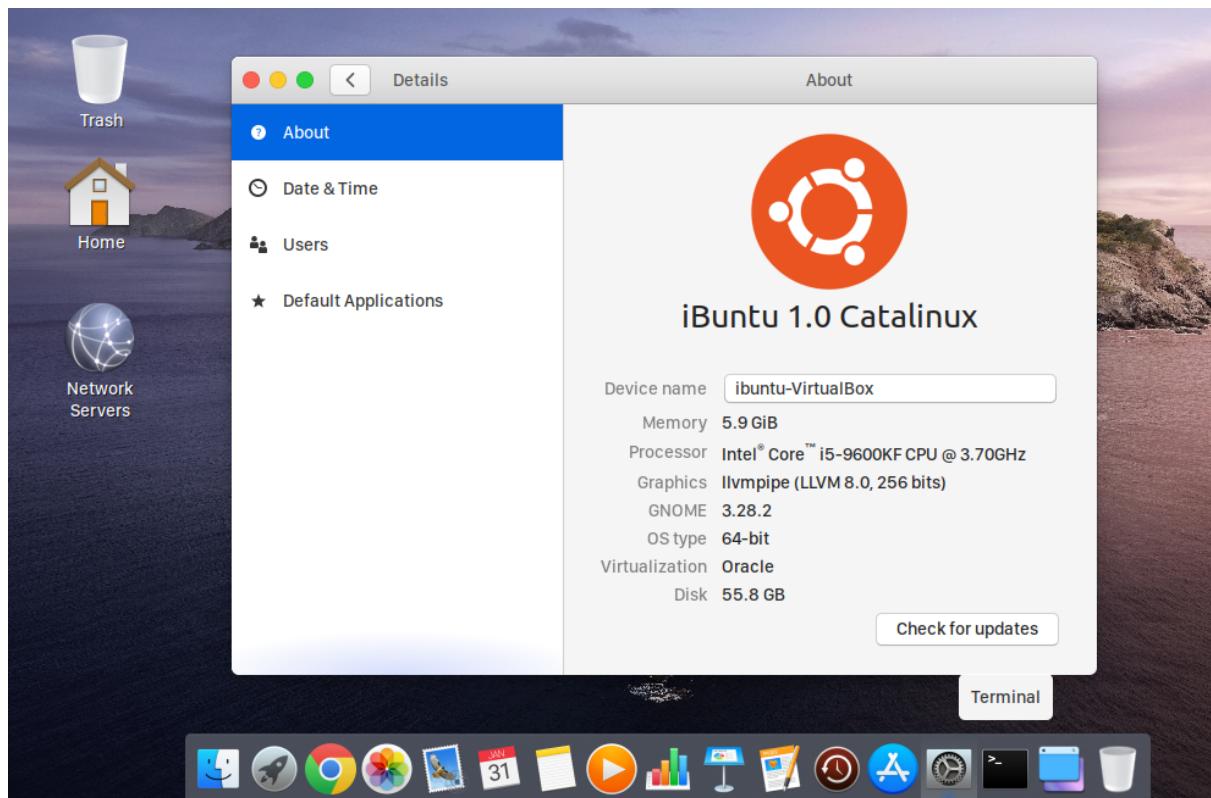
So you just let the installer run through completely and than perform a restart. You log in with your normal user and password as before the update or upgrade.

If you have manually saved your .deb Files this is the time where you need to reinstall them.

After that (or if you didn't had any), just start our iBuntu Update Tool again and perform Step number 6 - the Restoring of your manually installed packages.

If this is also done, your system is successfully updated and all your programs with all it's previous settings are back. The only thing you might need still to do is to reintegrate them in your dock, that's all.

Before:



And After:

