

# Practice 1:

Installation, implementation, and evaluation of desktop operating systems

It is intended to install a sample of operating systems and their software packages to obtain the following profiles:

- Programmer Profile
- Media Profile
- Office Profile

Through the adequacy of systems to these profiles is intended that learner acquire skills with installation tools and package management of each of the families.

The Operating Systems selection has been done through a family's based approach.

Mandatory Systems:

- Red-Hat Family. Red Hat 9

- Rockylinux. <https://rockylinux.org>

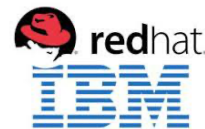
- Debian Family. Debian Stable 12: Bookworm



<https://www.debian.org>

- BSD Family (FreeBSD-NetBSD-OpenBSD):

- FreeBSD 13 <https://www.freebsd.org/where/>



Scoring:

- ~~Elementary OS~~: <https://elementary.io/>
  - <https://ponceelrelajado.com/cosas-que-hacer-despues-de-instalar-elementary-os/>
  - <https://www.linuxtechi.com/things-after-installing-elementary-os/>

- ~~OpenSUSE~~
  - <https://www.opensuse.org/>



- ~~Raspberry Pi Desktop or Haiku~~ (Choose one / Elegir uno)

~~Raspberry Pi Desktop~~

<https://www.raspberrypi.com/software/raspberry-pi-desktop/>

~~Haiku~~ <https://www.haiku-os.org/>  
(Elegir uno / Choose One)

- ~~Windows Family~~: Windows Server
  - <https://www.microsoft.com/en-us/evalcenter/evaluate-windows-server-2022>



Windows Server 2022

- ~~Fedora~~
  - <https://getfedora.org/>



- ~~Linux Mint~~
  - <https://www.linuxmint.com>



- ~~Manjaro Linux~~
- ~~GhostBSD~~: <http://www.ghostbsd.org/>



- **Deepin:**
  - <https://www.deepin.org/en/>



- **Gentoo Stage 3, Systemd:** <https://www.gentoo.org/>



- **Linux From Scratch (LFS):** <https://www.linuxfromscratch.org/lfs/>



Each of the above systems will be installed and adjusted to each of the three profiles proposed.

It must be clear enough that each one of the operating systems is installed and configured. It is needed to propose comparison ways between systems that it can be used in tables and graphs to compare them. These benchmarks will be proposed and defended individually. Logically both, consistent criteria, and their application in comparing systems should be considered to the final score.

**It will be verified that the files have been created after the practice1 kick off. If it is detected past courses images or internet downloads, it will be considered as a copy.**

**Documentation deadline (milestone A): Week 42. Oct 16<sup>th</sup>.**



## Diciembre 2024

N.º	Lu	Ma	Mi	Ju	Vi	Sá	Do
48							1
49	2	3	4	5	<u>6</u>	7	<u>8</u>
50	9	10	11	12	13	14	15
51	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>
52	23	24	<u>25</u>	26	27	28	29
1	30	31					