

Tarea configuración de entorno wsl

Asignatura ICCD332 Arquitectura de Computadores

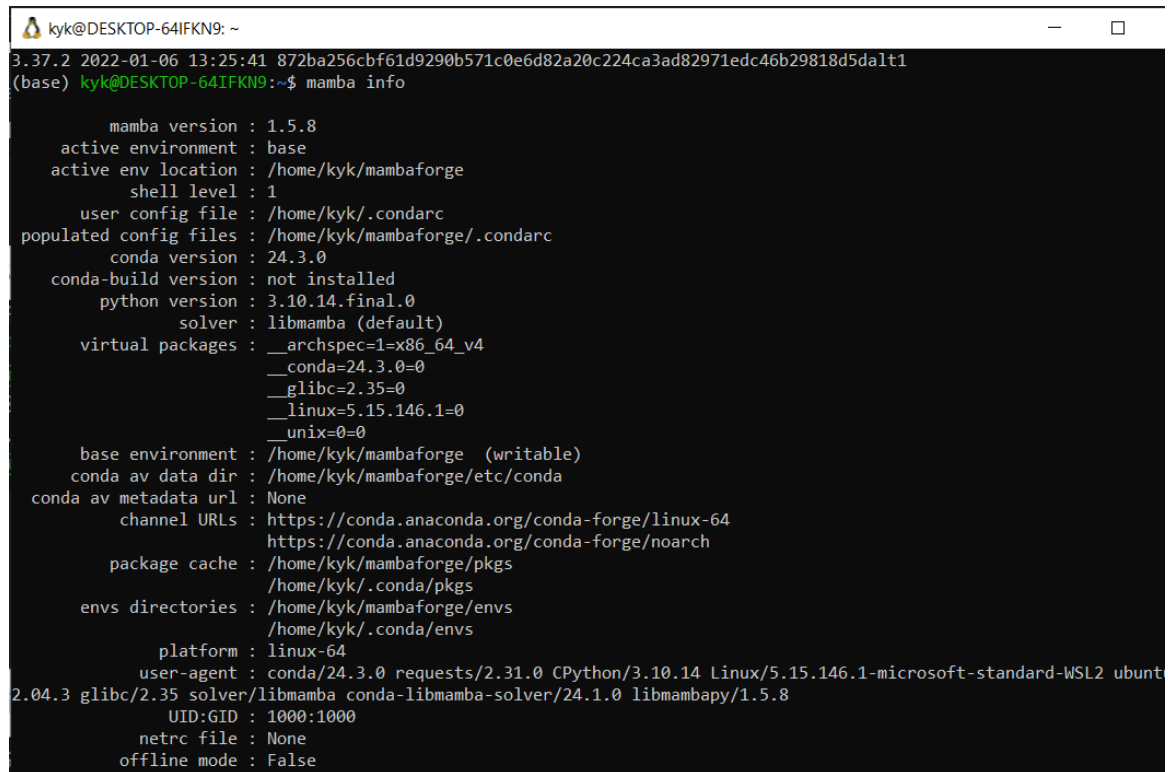
Nombre: Luis Enrique Perez Señalin

Adjunte capturas como evidencia de la configuración e instalación del entorno de trabajo en el subsistema de Linux para Windows; o alternatively de las instalaciones de los paquetes en Linux, si ya tiene un sistema operativo Unix instalado en su máquina. Las imágenes pueden contenerse dentro de una celda en **Markdown** usando código html como el siguiente

`"img src="ruta/al/archivo.png" width="300" height="200"`

En este caso suba un zip con el cuaderno jupyter, y la carpeta de imágenes para revisar su trabajo. A futuro lo mejor será trabajar desde GitHub directamente

Instalación de Entorno de Mamba/Anaconda

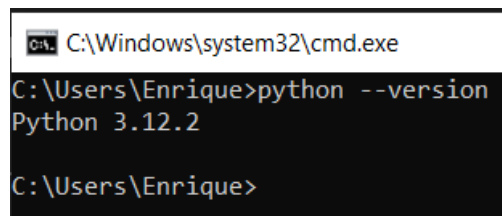
A terminal window with a black background and white text. The title bar shows 'kyk@DESKTOP-64IFKN9: ~'. The prompt is '(base) kyk@DESKTOP-64IFKN9:~\$'. The command 'mamba info' has been executed, displaying a detailed list of system and environment variables related to the mamba/conda ecosystem.

```
kyk@DESKTOP-64IFKN9: ~
3.37.2 2022-01-06 13:25:41 872ba256cbf61d9290b571c0e6d82a20c224ca3ad82971edc46b29818d5dalt1
(base) kyk@DESKTOP-64IFKN9:~$ mamba info

      mamba version : 1.5.8
    active environment : base
  active env location : /home/kyk/mambaforge
        shell level : 1
    user config file : /home/kyk/.condarc
populated config files : /home/kyk/mambaforge/.condarc
       conda version : 24.3.0
conda-build version : not installed
     python version : 3.10.14.final.0
         solver type : libmamba (default)
virtual packages : __archspec=1=x86_64_v4
                  __conda=24.3.0=0
                  __glibc=2.35=0
                  __linux=5.15.146.1=0
                  __unix=0=0
base environment : /home/kyk/mambaforge (writable)
conda av data dir : /home/kyk/mambaforge/etc/conda
conda av metadata url : None
channel URLs : https://conda.anaconda.org/conda-forge/linux-64
               https://conda.anaconda.org/conda-forge/noarch
package cache : /home/kyk/mambaforge/pkgs
                /home/kyk/.conda/pkgs
envs directories : /home/kyk/mambaforge/envs
                  /home/kyk/.conda/envs
platform : linux-64
user-agent : conda/24.3.0 requests/2.31.0 CPython/3.10.14 Linux/5.15.146.1-microsoft-standard-WSL2 ubuntu
2.04.3 glibc/2.35 solver/libmamba conda-libmamba-solver/24.1.0 libmambapy/1.5.8
      UID:GID : 1000:1000
      netrc file : None
offline mode : False
```

Figura 1: mamba, imagen de muestra

Instalación de python

A terminal window with a black background and white text. The title bar shows 'C:\Windows\system32\cmd.exe'. The prompt is 'C:\Users\Enrique>'. The command 'python --version' has been executed, displaying the Python version '3.12.2'.

```
C:\Windows\system32\cmd.exe
C:\Users\Enrique>python --version
Python 3.12.2
C:\Users\Enrique>
```

Figura 2: python, imagen de muestra

Instalación de Emacs

```
kyk@DESKTOP-64IFKN9: ~  
(base) kyk@DESKTOP-64IFKN9:~$ emacs --version  
GNU Emacs 27.1  
Copyright (C) 2020 Free Software Foundation, Inc.  
GNU Emacs comes with ABSOLUTELY NO WARRANTY.  
You may redistribute copies of GNU Emacs  
under the terms of the GNU General Public License.  
For more information about these matters, see the file named COPYING.  
(base) kyk@DESKTOP-64IFKN9:~$
```

Figura 3: Emacs, imagen de muestra

Instalación de latex

```
kyk@DESKTOP-64IFKN9: ~  
(base) kyk@DESKTOP-64IFKN9:~$ latex --version  
pdfTeX 3.141592653-2.6-1.40.22 (TeX Live 2022/dev/Debian)  
kpathsea version 6.3.4/dev  
Copyright 2021 Han The Thanh (pdfTeX) et al.  
There is NO warranty. Redistribution of this software is  
covered by the terms of both the pdfTeX copyright and  
the Lesser GNU General Public License.  
For more information about these matters, see the file  
named COPYING and the pdfTeX source.  
Primary author of pdfTeX: Han The Thanh (pdfTeX) et al.  
Compiled with libpng 1.6.37; using libpng 1.6.37  
Compiled with zlib 1.2.11; using zlib 1.2.11  
Compiled with xpdf version 4.03  
(base) kyk@DESKTOP-64IFKN9:~$
```

Figura 4: Latex, imagen de muestra