

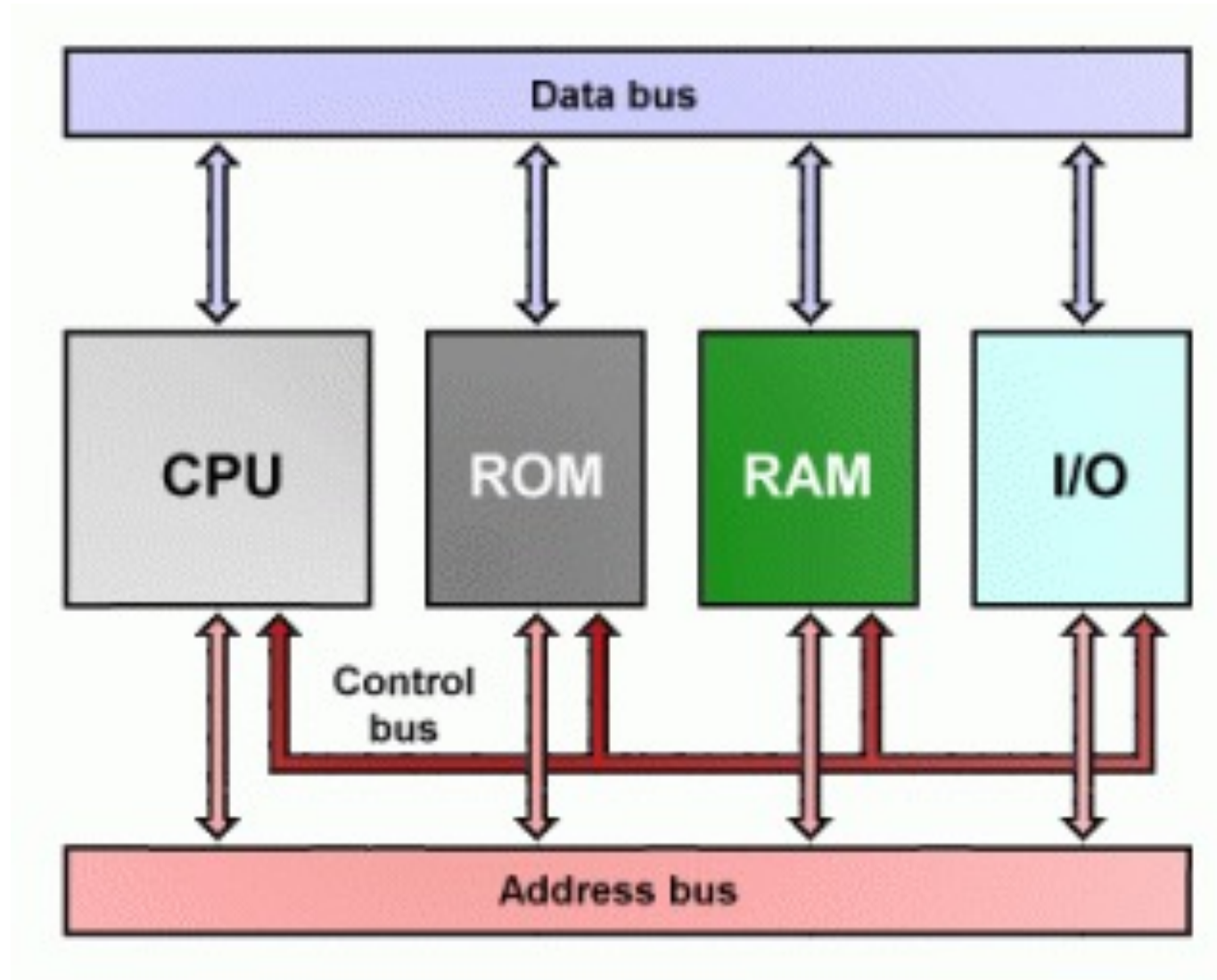


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# panorama da programação

CDIA-MA1/21 - semana 04

# arquitetura de computadores



# sistemas operacionais



Linux

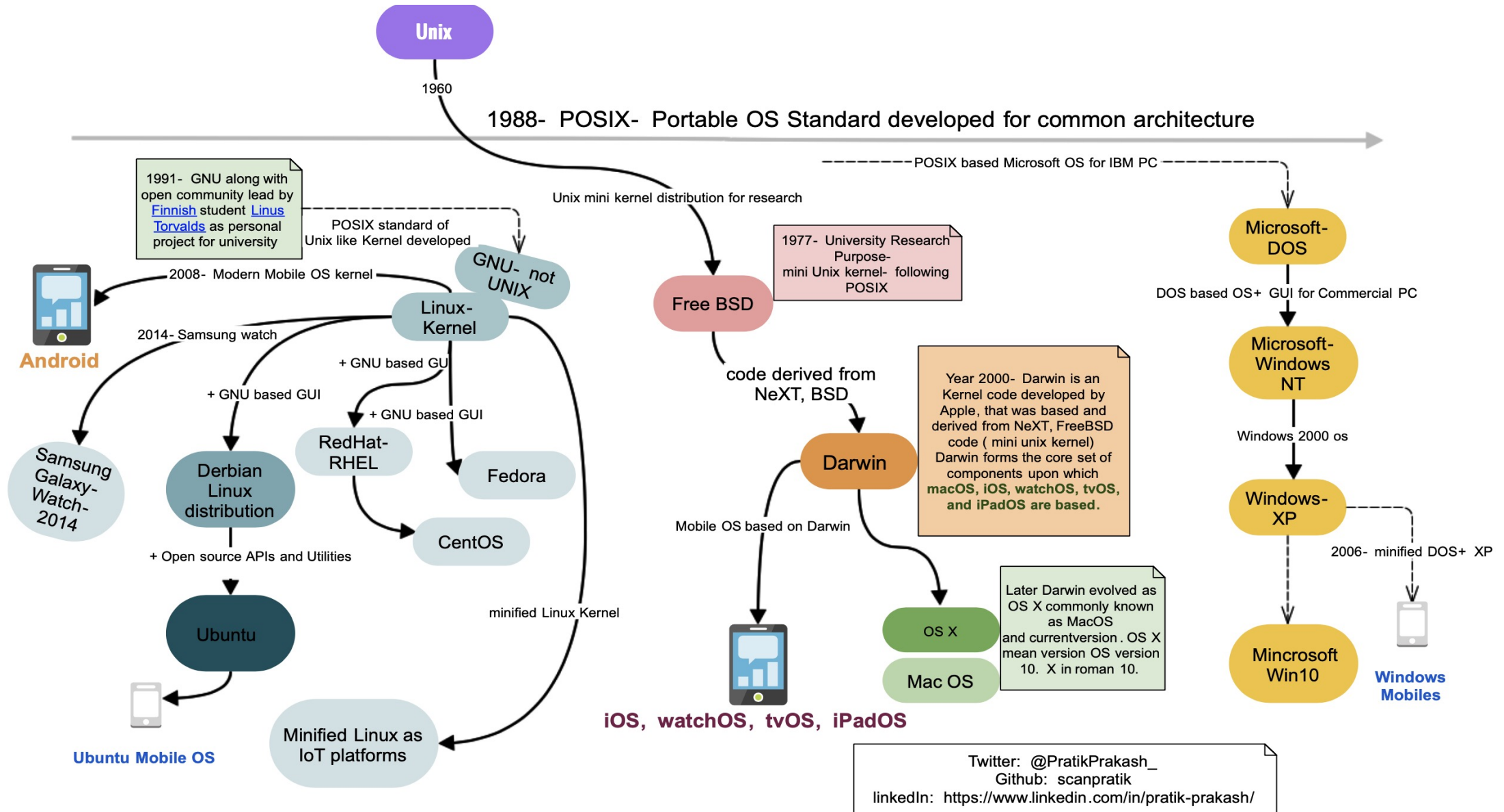


MAC OS



Windows

# evolução dos sistemas operacionais





**licença de software**

tipos de **software**

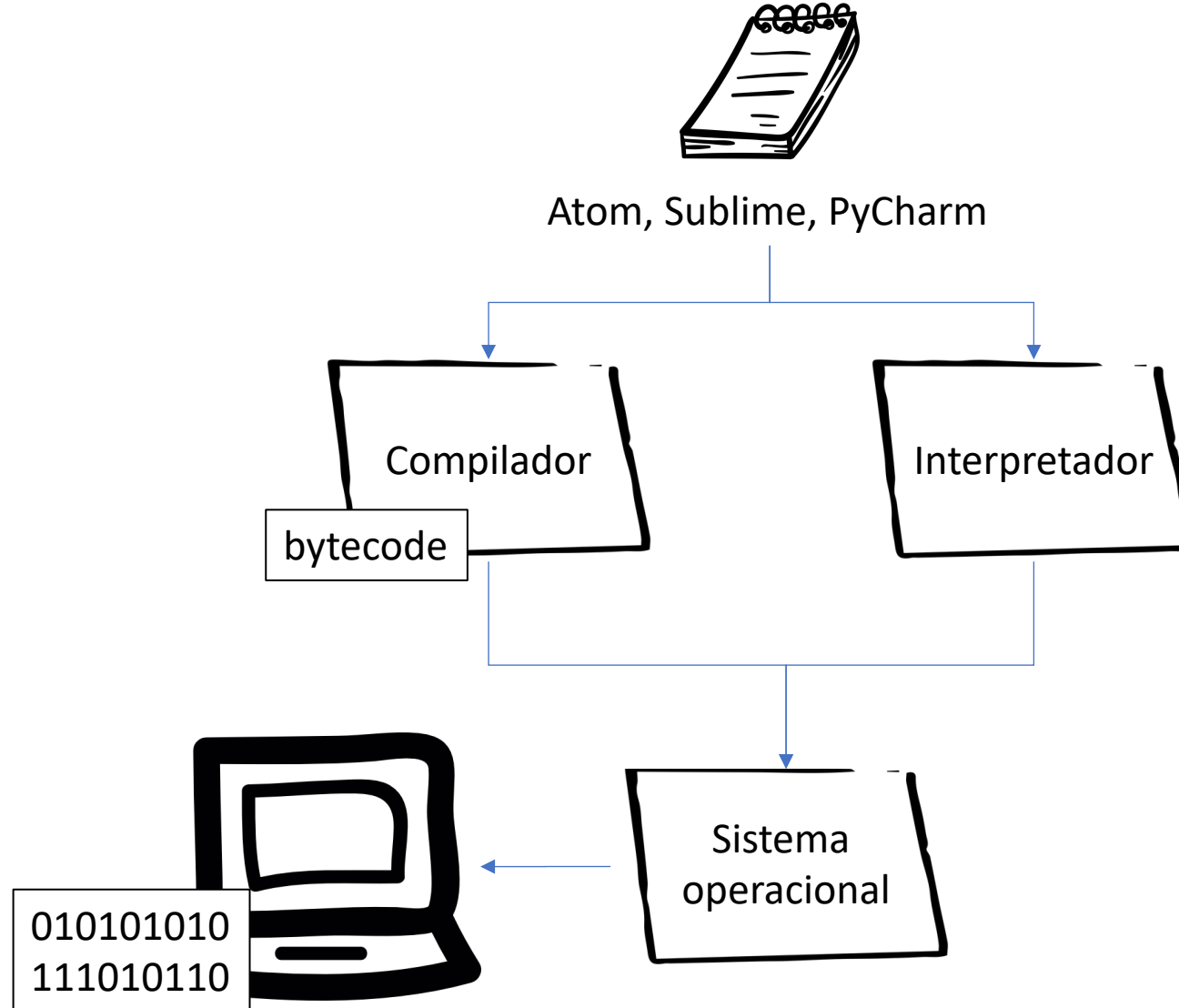


# exemplos de software





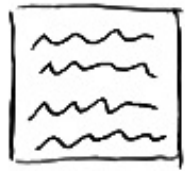
# visão simplificada da transformação do código Python





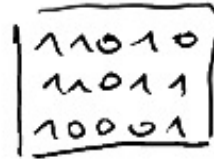
# interpretador vs. compilador (Python)

Source code:  
hello.c



COMPILER

Machine code:



Program (also  
called binary,  
executable ...)

run the  
program

result



Source code:  
hello.py



INTERPRETER

result



# linguagens de programação



# gerenciadores de pacote

- Pip (Python)
- Homebrew (MacOS)
- MacPorts (MacOS)
- Fink (MacOS)
- apt-get (Linux)





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# perguntas?

Jefferson O. Silva  
silvajo@pucsp.br



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**obrigado**

Jefferson O. Silva  
silvajo@pucsp.br

backup **slides**