VLSI Express Chip Design

[Installation instructions]

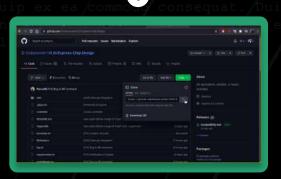
- 1 Start point.
- **x** The white circle indicates the steps related to all the operative systems.
- **x** The green circle indicates the steps related to each operative system.

macOS

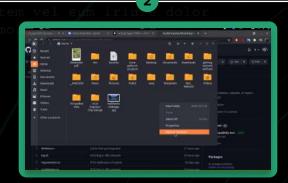


WINDOWS

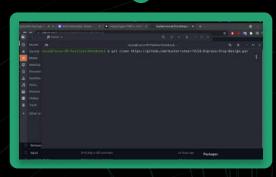
MacOS



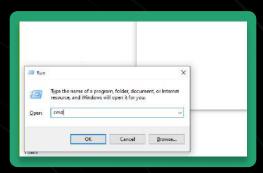
Once you are in the software's GitHub, select"Code" and copy the https link.



Access in any folders window and press the right click and select "Open in Terminal".



Once you are in the terminal window proceed to type "git clone" and paste the GitHub's copied link. Press"Enter".



To access the terminal window press # + r. Type "cmd" and press "OK".



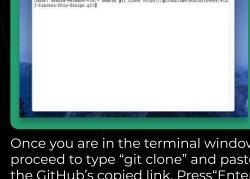
Once you are in the terminal window proceed to type "git clone" and paste the GitHub's copied link. Press"Enter"



Type "cd VLSI-Express-Chip-Design". Press"Enter".

Type "dir" and press "Enter".

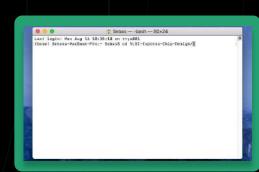
The folder will be imported.



With the search tool type "terminal"

and access to the current result.

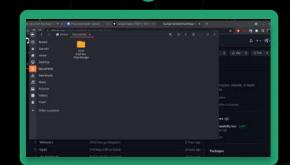
Once you are in the terminal window proceed to type "git clone" and paste the GitHub's copied link. Press"Enter"



Type "cd VLSI-Express-Chip-Design". Press"Enter".



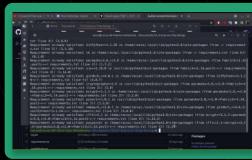
Press the right click and select the "Open Terminal" button.



Once the import is finished a folder with the software's files will appear. Open the folder.



Once you are in the terminal window proceed to type "pip3 install -r requirements.txt". Press "Enter".





"vagrant up". Press"Enter".



In the terminal window type:

- 1. To open the interface: "python3 scriptMaster.py -g"
- 2. To check the code in terminal: "python scriptMaster.py fileName.v -typeAnalysis".

The types of analysis available are:

- -l: check lint's rule
- -f: formatter your code -s: check sintax

VLSI Express Chip Design

[Instructivo de instalación]

- 1 Punto de partida.
- x El círculo blanco indica los pasos que todos los sistemas operativos tienen en común.
- 🗙 El círculo verde indica los pasos propios de cada sistema.

macOS





En su buscador digite la palabra "terminal" y accese al resultado.

Para acceder a la terminar digite + r.

Una vez accesada la terminal proceda

Digite "cd VLSI-Express-Chip-Design"

Digite "dir" y presione la tecla "Enter".

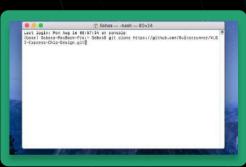
Procederá a importarse la carpeta.

y presione la tecla "Enter".

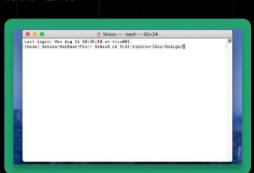
digitar "git clone" y pegue el link previamente copiado y presione la

tecla "Enter".

Digite "cmd" y presione "OK".



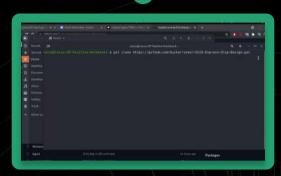
Una vez accesada la terminal proceda digitar "git clone" y pegue el link previamente copiado y presione la tecla "Enter".



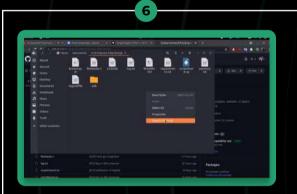
Digite "cd VLSI-Express-Chip-Design" y presione la tecla "Enter".



Acceda a cualquier pestaña en donde hayan carpetas, presione click derecho y seleccione "Open in Terminal".



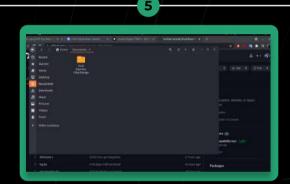
Una vez accesada la terminal proceda digitar "git clone" y pegue el link previamente copiado y presione la tecla "Enter".



Una vez en el GitHub del software,

seleccione "Code" y copie el link https.

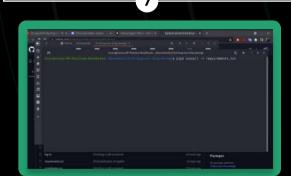
Presione click derecho y haga click en "Open Terminal".



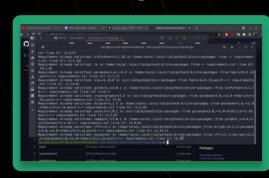
Una vez completada la importación aparecerá la carpeta con los contenidos. Abra esta carpeta.



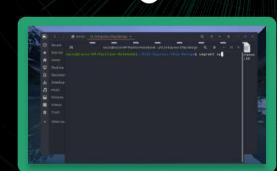
Procederá a importarse la carpeta.



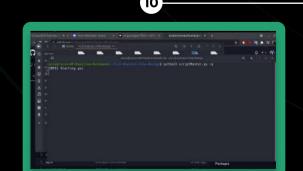
En la terminal digite "pip3 install -r requirements.txt". Presione la tecla "Enter".



Procederá a cargar los requerimientos



En la terminal digite "vagrant up". Presione la tecla "Enter".



En la terminal digite:

- 1. Para abrir la interfaz: "python3 scriptMaster.py -g"
- 2. Para revisar código desde terminal: "python scriptMaster.py nombre del archivo.v -tipo de análisis".

Los tipos de análisis disponibles son:

- -l: revisar reglas lint
- -f: formatter your code
- -s: revisar sintaxis