Installer Vivado : le guide détaillé

Linux (Debian 20.04)

Téléchargement :

https://www.xilinx.com/support/download.html prendre l'archive complète (ne marche pas avec l'installateur web)

Dependencies:

```
sudo apt-get install libncurses5
```

tuto:

```
Steps:

1) Download Xilinx_Unified_2020.1_0602_1208.tar.gz from the Xilinx Download page
and extract the content

2) generate the Authentication Token using your Xilinx Account

./xsetup -b AuthTokenGen

Running in batch mode...
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INFO : Log file location -
/home/user_name/.Xilinx/xinstall/xinstall_1592209834385.log
INFO : Log file location -
/home/user_name/.Xilinx/xinstall/xinstall_1592209834385.log
INFO : Internet connection validated, can connect to internet.
INFO : In order to generate the authentication token please provide your Xilinx
account User Email Address and password.
User E-mail address:
Password:

INFO : Generating authentication token...
INFO : Saved authentication token file successfully, valid until 06/22/2020 10:32
AM

3) generate the installation config

./xsetup -b ConfigGen

Running in batch mode...
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INFO : Log file location -
/home/user_name/.Xilinx/xinstall/xinstall_1592209963861.log
Select a Product from the list:
1. Vitis
2. Vivado
3. On-Premises Install for Cloud Deployments
```

```
   4. BootGen
   5. Lab Edition
   6. Hardware Server
   7. Documentation Navigator (Standalone)


Please choose from options above:  e.g. 2



Select an Edition from the list:
1. Vivado HL WebPACK
2. Vivado HL Design Edition
3. Vivado HL System Edition


Please choose: e.g. 3

INFO : Config file available at /home/user_name/.Xilinx/install_config.txt.
Please use -c <filename> to point to this install configuration.


4) The Installation (replace config path and maybe target directory)

sudo ./xsetup --batch Install --agree XilinxEULA,3rdPartyEULA,WebTalkTerms --
location /opt/Xilinx/ --config "/home/user_name/.Xilinx/install_config.txt"

Running in batch mode...
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INFO : Log file location - /root/.Xilinx/xinstall/xinstall_1592210290697.log
INFO : Installing Edition: Vitis Unified Software Platform
INFO : Installation directory is /opt/Xilinx/

Installing files, 99% completed. (Done)
It took 12 minutes to install files.

INFO : Log file is copied to : /opt/Xilinx/.xinstall/Vitis_2020.1/xinstall.log
INFO : Installation completed successfully.For the platforms: please visit
xilinx.com and review the "Getting Started Guide" UG1301


5) Launch Vivado

user_name@machine_name:/tmp$ source /opt/Xilinx/Vivado/2020.1/settings64.sh
user_name@machine_name:/tmp$ vivado

****** Vivado v2020.1 (64-bit)
  **** SW Build 2902540 on Wed May 27 19:54:35 MDT 2020
  **** IP Build 2902112 on Wed May 27 22:43:36 MDT 2020
    ** Copyright 1986-2020 Xilinx, Inc. All Rights Reserved.

start_gui
```

Pour la gestion de la carte :

installer les paquets `runtime` et `utilities`

Windows

https://www.xilinx.com/support/download.html

A priori tout marche du premier coup