Installation PLAn Developer (WINDOWS 7 or 10)

# Prerequisites

Install Visual studio 2017 with C++ binaries tools (community minimum).

Git tools (gitExt, tortoiseGit, others)

Install Cmake 3.11 minimum

Install gstreamer 1.0 with all plungins

If your machine has a Nvidia GPU cuda arch 30 is required, please install Cuda toolkit 10 + its driver

When the Nvidia cuda installer ask to reboot. Please do the reboot, there is several system variables and register to take into account.

For GPU configuration: Please install CuDNN for the latest version of CUDA 10

Clone from public GitHub <https://github.com/hipe> or from ANEO internal dev <https://gitlab.aneo.fr/hipe-group/hipe>

Need 15 GB during the installation. Please check the free disk space before any developer installation

If you need to have a web server locally. Please install Xampp or others with Mysql and Nodejs <https://nodejs.org/dist/v10.15.1/node-v10.15.1-x64.msil>

# COMPILE HIPE-CORE and HIPE-MODULES

Go to the root folder of the project and execute the batch script **compile-ALL.bat**. The script will download all dependencies once. There is an automatic bootstrap and any error during this step shall be solved before any other step.

Note: *For any development in your module folder, you only need to call the batch script inside your module folder directly.*

By default, the batch script compile-ALL.bat compile HIPE Core and ANEO vision module. If you want to compile another module, you must run the script corresponding to your module i.e. stage

When the compilation is achieved properly. You should have a new install folder in the root folder. Congratulations, you can now open your module project solution in:

***[Git Clone folder]/source-modules/[module\_name]/build/[module\_name].sln***

# Optional: Build WebHIPE environnement

TODO

TODO