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