

GeoLiveDetect

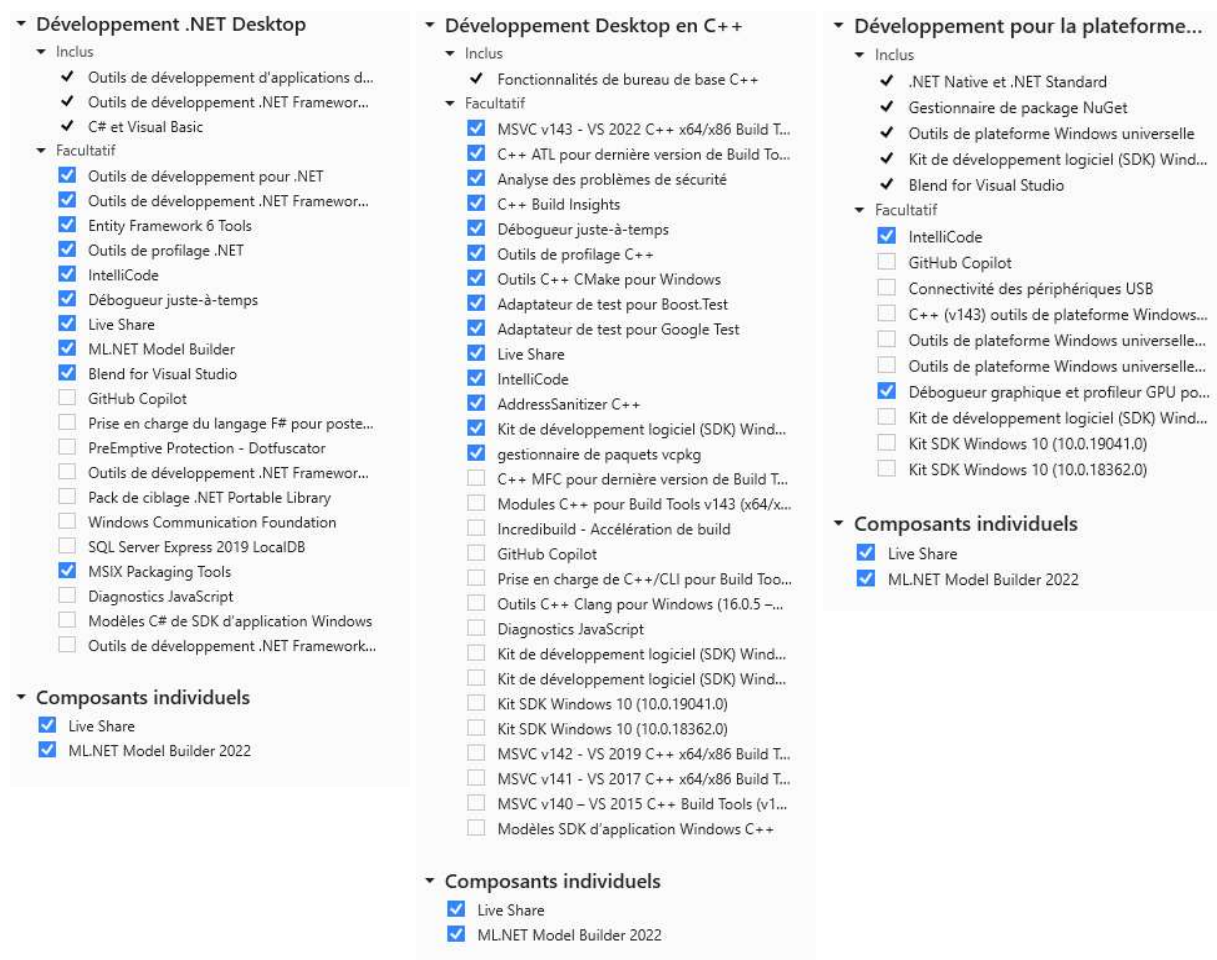
In order to use this project on **Windows 10** :

1. Install Visual Studio 2022 : [Visual Studio Installer](#)



Setup the installation in order to install developpement desktops of

- **.NET 8.0** with default setup plus MSIX Packaging Tools
- **C++** with default setup
- **C# platforms** with default setup



2. Download and unzip the repo folder

3. In the main folder `GeoLiveDectect-master` , find the solution `GeoLiveDectect.sln` and open it with Visual Studio 2022

4. In **GeoLiveDectect NuGet Packages** (GeoLiveDectect project tab), check that are installed :

- `CommandLineParser` by gsscoder,nemec,ericnewton76,moh-hassan
- `Emgu.CV` by Emgu Corporation,
- `Emgu.CV.Bitmap` by Emgu Corporation,
- `Emgu.CV.runtime.windows` by Emgu Corporation,
- `Newtonsoft.Json` by James Newton-King,
- `OnnxSharp` by nietras,
- `YoloV8.Gpu` by Compunet

5. In **MOT.CORE NuGet Packages** (MOT.CORE project tab), check that are installed :

- `CommandLineParser` by gsscoder,nemec,ericnewton76,moh-hassan
- `Microsoft.ML.OnnxRuntime` by Microsoft,
- `System.Drawing.Common` by Microsoft,
- `YoloV8.Gpu` by Compunet

6. For each project in the solution :

- In **Project properties** (Project tab), check that
 - Target framework is **.NET 8.0**
 - Target SE is **Windows**
 - Target SE version is **7.0**
- In **Project dependancies** (Project tab), check all other projects

7. Generate the solution to update all dependencies

Notes :

- GeoRender --> on peut supprimer les dll (GeoSocketNet)
- Alchemy --> idem

GeoLiveDetect.Decklink

- Installer BlackMagic_Desktop_Video_Windows (installation par le .mi mais beaucoup de choses --> moyen mais bon)
- Test avec juste Interop.DecklinkAPI.dll (serait la seule à remettre) + Générer (copie et build les dll dans le build) --> OK si Interop.DecklinkAPI.dll pas déjà à la place des dll : sera reconstruites bien avec les autres dll

Decklink Capture --> sans avoir les trucs installés

- --> ça ne marche pas, mais aucune exception est levée (ou alors plus loin) ==>
Info ajoutée : Attention il ne faut pas mettre le mdoe "Decklink Capture" dans la config, sans avoir de Decklink installée ! ça planterait.