

inosite

e_t

-Address, int serverPort)

ARDUINO CARTE E.S

```
- sendData(tcp::socket& socket) : bool
- endpoint_ : tcp::endpoint
- maxQueueSize = 3 : static const size_t
- dataQueue_ : std::deque<std::string>
- io_context_ : boost::asio::io_context
- serialPort_ : boost::asio::serial_port
- buffer : std::string
- receivedData_ : std::string
```

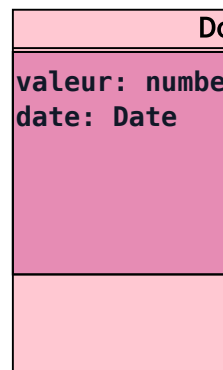
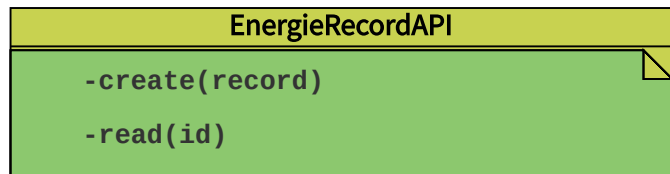
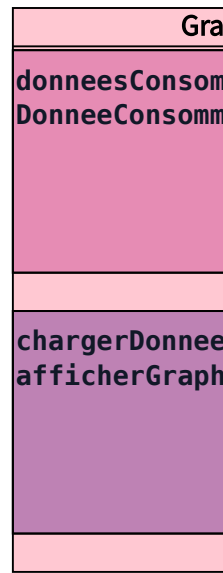
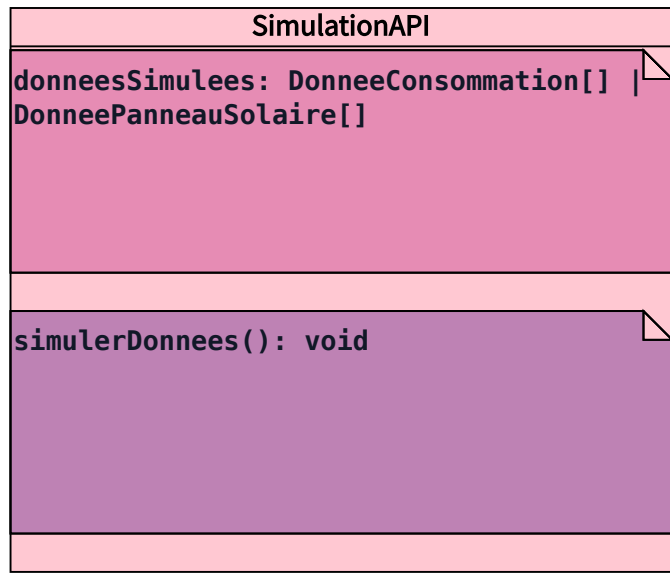
```
+ ArduinoCarteES(const std::string& serverAddress, int serverPort, const std::st
serialPort)
```

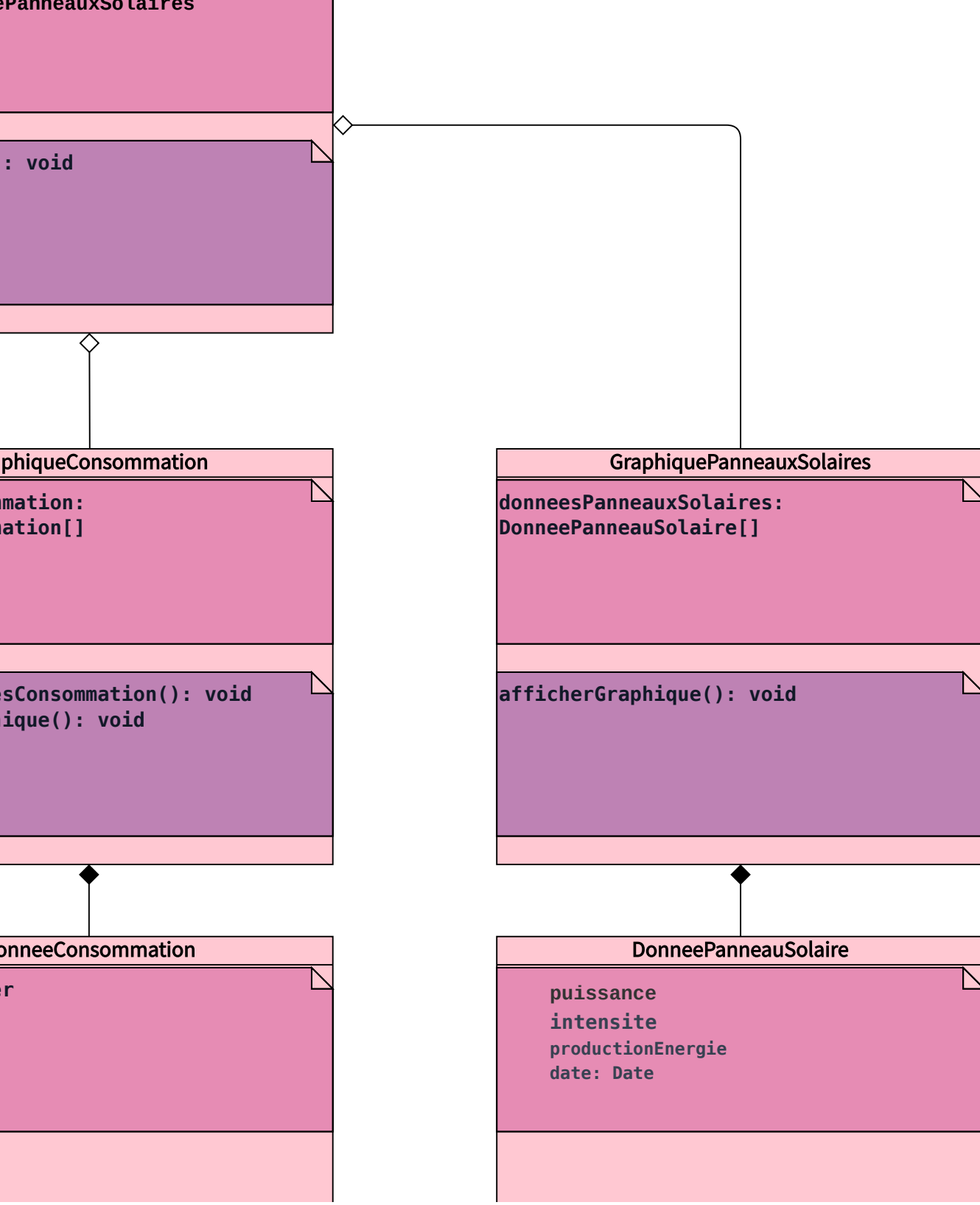
```
+ connectAndSend() : void
```



graphique

afficherIHM()





```
Ca
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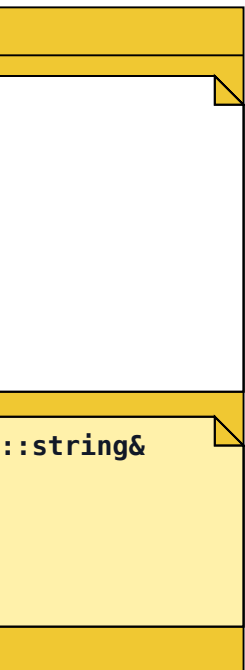
+ CarteES(const std::string& serverAd
+ connectAndSend() : void
+ createDateTime() : std::string
```

```
Com
- proportionsTempVertStockees : array [a
- sourceVerteStockees : array [int]
- MAX_SIZE = 10 : int
- previousSourceVerte : int
- previousstabPowerBox : array [int]
- config : string
- dataAPISolarPannel : array [json objec
- dataAPILumi : array [json object]
- dataAPIBox : array [json object]
- dataAPIAcces : array [json object]
- MAX_SIZE_API : int
- reconnectionIntervals : int
- firstTimer : Date
- timer : Date
- previousTimer : Date
- timerVert : int
- timerTotal : int
- MoyennetempsPuissanceBox : array [floa
- tempPuissanceBox : array [int]
- ratio : float

+ loadConfig() : json object
+ async ecoouterDonneesCpp() : Promise<vo
+ asvnc SendBoxDataToAPI(strina confia.
```

```
id>
array data[] string dataKey)
```

```
+ capteur_luminosite(const std::string& serverAddress, int serverPort, int carte
PCI_9111DG)
+ ~capteur_luminosite()
+ lire_tension(double& tension, int canal = 0, int gamme = AD_B_10_V) : void
+ lire_tension(int canal = 0, int gamme = AD_B_10_V) : double
+ lire_tension AT_ReadChannel(int canal = 0, int gamme = AD_B_10_V) : unsigned s
```



-update(record)

-delete(id)



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Visual Paradigm
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```
+ async calculerPromesse1(string config,  
: Promise<void>  
+ calculerPro  
+ async reco  
Promise<number>  
+ async queue(object data, array reach,  
Promise<number>  
+ async boucle(json object dataCPP) : Pro
```



```
array data[], string dataKey) :  
int]) : json object  
array reach, string dataKey) :  
string configKey, string dataKey) :  
omise<void>
```

```
+ tire_tension_A1_ReadChannel(int canal = 0, int gamme = AD_B_10_V) : unsigned s  
+ getnumcarte() : int  
+ setnumcarte() : void  
+ connectAndSend() : void  
+ createDateTime() : std::string  
+ getresistance() : double
```



