Projet E3D

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Class List

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Namespace Documentation

Controller Namespace Reference

Variables
int **metrique** = 0
a = **GestionModbus**(0)

Variable Documentation

Controller.a = GestionModbus(0)

Definition at line 27 of file Controller.py.

Controller.metrique = 0

Definition at line 24 of file Controller.py.

E3D_GestionModbus Namespace Reference

Classes
class **GestionModbus**

Classe GestionModbus. **Variables**
int **metrique** = 0
a = **GestionModbus**(0)

Variable Documentation

E3D_GestionModbus.a = GestionModbus(0)

Definition at line 103 of file E3D_GestionModbus.py.

E3D_GestionModbus.metrique = 0

Definition at line 100 of file E3D_GestionModbus.py.

Class Documentation

E3D_GestionModbus.GestionModbus Class Reference

Classe **GestionModbus**.

Public Member Functions
def **__init__** (self, **sortieEnergieTotale**)
　Constructeur.
def **connexionCompteur** (self)
　Connexion à l'esclave Modbus.
def **recupererEnergie** (self)
　Traitement Modbus.
def **publicationMetrique** (self)
　Publication MQTT.

def **get_energieTotale** (self)
Récuperer énergie totale.

Public Attributes
data
sortieEnergieTotale
SERVER_HOST
SERVER_PORT
c
client

Detailed Description

Classe **GestionModbus**.

Permet de gérer la récupération des métrique d'un compteur Modbus

Author:
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Version:
    1.0
Date:
    19 Mai 2021
Definition at line 21 of file E3D_GestionModbus.py.

Constructor & Destructor Documentation

def E3D_GestionModbus.GestionModbus.__init__ (*self*, *sortieEnergieTotale***)**

    Constructeur.

    Constructeur de la Classe

    Definition at line 25 of file E3D_GestionModbus.py.

Member Function Documentation

def E3D_GestionModbus.GestionModbus.connexionCompteur (*self***)**

    Connexion à l'esclave Modbus.

    Connexion Modbus.

    0   Initialise la connexion avec l'esclave Modbus
    Definition at line 41 of file E3D_GestionModbus.py.

def E3D_GestionModbus.GestionModbus.get_energieTotale (*self***)**

    Récuperer énergie totale.

    Récupère l'energie totale du compteur Modbus

    Definition at line 94 of file E3D_GestionModbus.py.

def E3D_GestionModbus.GestionModbus.publicationMetrique (*self***)**

Publication MQTT.

Publication métrique.

1   Plublication du métrique reçu sur le broker MQTT
Definition at line 84 of file E3D_GestionModbus.py.

def E3D_GestionModbus.GestionModbus.recupererEnergie (*self***)**

Traitement Modbus.

Traitement Modbus.

2   Traite les registre de données reçu par le compteur Modbus
Definition at line 66 of file E3D_GestionModbus.py.

Member Data Documentation

E3D_GestionModbus.GestionModbus.c

Definition at line 46 of file E3D_GestionModbus.py.

E3D_GestionModbus.GestionModbus.client

Definition at line 86 of file E3D_GestionModbus.py.

E3D_GestionModbus.GestionModbus.data

Definition at line 29 of file E3D_GestionModbus.py.

E3D_GestionModbus.GestionModbus.SERVER_HOST

Definition at line 43 of file E3D_GestionModbus.py.

E3D_GestionModbus.GestionModbus.SERVER_PORT

Definition at line 44 of file E3D_GestionModbus.py.

E3D_GestionModbus.GestionModbus.sortieEnergieTotale

Definition at line 32 of file E3D_GestionModbus.py.

The documentation for this class was generated from the following file:
3   /home/eleve/Documents/Projet E3D/Rasberry/**E3D_GestionModbus.py**

RecuperationTarif Class Reference

Classe **RecuperationTarif**.

Detailed Description

Classe **RecuperationTarif**.

Permet de l'utilisation de toutes les classes

Author:
  Awen Ruaud
Version:
  1
Date:
  31 Mai 2021

The documentation for this class was generated from the following file:
  4 /home/eleve/Documents/Projet E3D/Rasberry/**Controller.py**

File Documentation

/home/eleve/Documents/Projet E3D/Rasberry/Controller.py File Reference

Fichier **Controller**.

Namespaces
  Controller

Variables
int **Controller.metrique** = 0
Controller.a = GestionModbus(0)

Detailed Description

Fichier **Controller**.

Controller synchronisant toutes les classes

/home/eleve/Documents/Projet E3D/Rasberry/E3D_GestionModbus.py File Reference

Fichier GestionModbus.

Classes

class **E3D_GestionModbus.GestionModbus**

   Classe GestionModbus. **Namespaces**

 E3D_GestionModbus

Variables

int **E3D_GestionModbus.metrique** = 0
E3D_GestionModbus.a = GestionModbus(0)

Detailed Description

Fichier GestionModbus.

Traitement des données Modbus

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