Geometria en python

1.0

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Contents

1 Hierarchical Index **1**

1.1 Class Hierarchy 1

2 Class Index **3**

2.1 Class List 3

3 Class Documentation **5**

3.1 Imports.Circulo.Circulo Class Reference 5

3.2 Imports.Triangulo.Equilatero Class Reference 7

3.3 Imports.Triangulo.Escaleno Class Reference 8

3.4 Imports.Figura.Figura Class Reference 10

3.5 Imports.Impresora.Impresora Class Reference 11

3.6 Imports.Triangulo.Isosceles Class Reference 11

3.7 Imports.Principal.Principal Class Reference 13

3.8 Imports.Rectangulo.Rectangulo Class Reference 13

3.9 Imports.Triangulo.Triangulo Class Reference 14

3.10 Imports.Vertice.Vertice Class Reference 15

Index **17**

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Imports.Impresora.Impresora 11
Imports.Principal.Principal 13
Imports.Vertice.Vertice 15
Imports.Figura.Figura 10
Imports.Circulo.Circulo 5
Imports.Rectangulo.Rectangulo 13
Imports.Triangulo.Triangulo 14
Imports.Triangulo.Equilatero 7
Imports.Triangulo.Escaleno 8
Imports.Triangulo.Isosceles 11

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

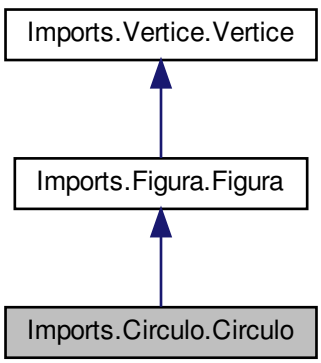
Imports.Circulo.Circulo 5
Imports.Triangulo.Equilatero 7
Imports.Triangulo.Escaleno 8
Imports.Figura.Figura 10
Imports.Impresora.Impresora 11
Imports.Triangulo.Isosceles 11
Imports.Principal.Principal 13
Imports.Rectangulo.Rectangulo 13
Imports.Triangulo.Triangulo 14
Imports.Vertice.Vertice 15

Chapter 3

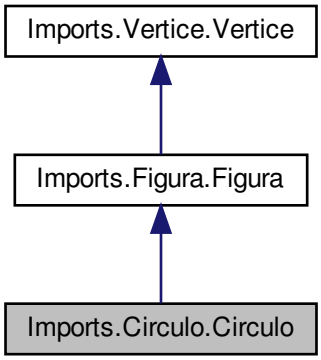
Class Documentation

3.1 Imports.Circulo.Circulo Class Reference

Inheritance diagram for Imports.Circulo.Circulo:



Collaboration diagram for Imports.Circulo.Circulo:



Public Member Functions

- def **__init__** (self, arregloVertices)
- def **superficie** (self)
- def **perimetro** (self)

Public Attributes

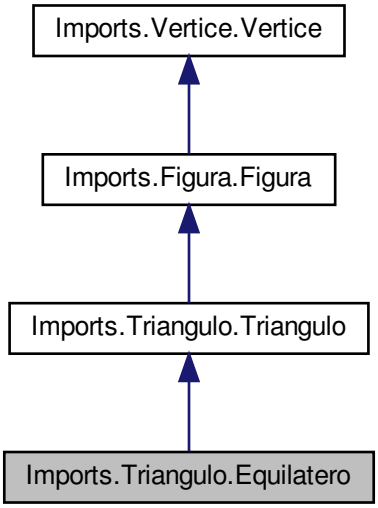
- **cantidadPuntos**
- **listaVertices**
- **radio**
- **paraImprimir**
- **area**
- **perimetrofig**

The documentation for this class was generated from the following file:

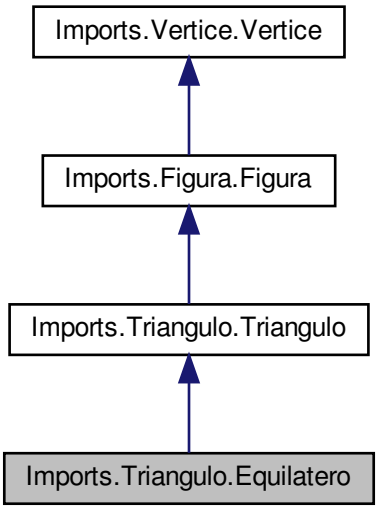
- sourcecode/Imports/Circulo.py

3.2 Imports.Triangulo.Equilatero Class Reference

Inheritance diagram for Imports.Triangulo.Equilatero:



Collaboration diagram for Imports.Triangulo.Equilatero:



Public Member Functions

- def **__init__** (self, arregloVertices, lados)
- def **superficie** (self)

Public Attributes

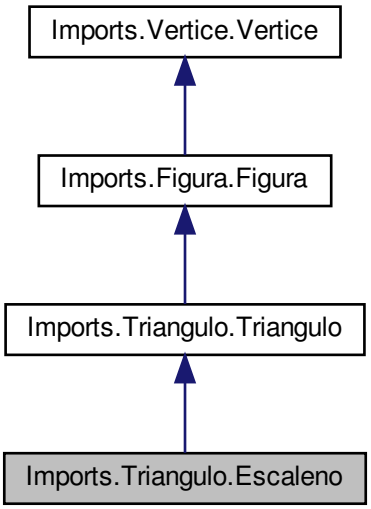
- **listaVertices**
- **cantidadPuntos**
- **lado1**
- **lado2**
- **lado3**
- **paraImprimir**
- **area**
- **perimetrofig**

The documentation for this class was generated from the following file:

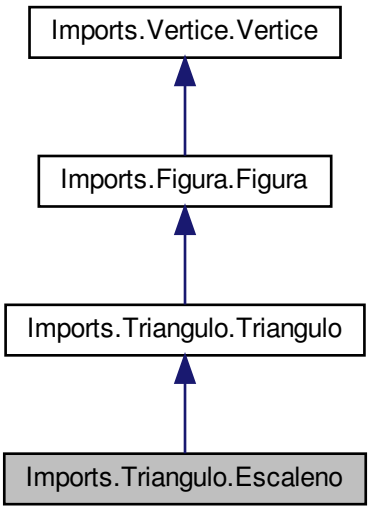
- sourcecode/Imports/Triangulo.py

3.3 Imports.Triangulo.Escaleno Class Reference

Inheritance diagram for Imports.Triangulo.Escaleno:



Collaboration diagram for Imports.Triangulo.Escaleno:



Public Member Functions

- def **__init__** (self, arregloVertices, lados)
- def **superficie** (self)

Public Attributes

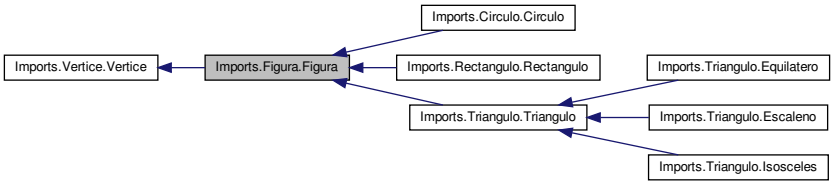
- **listaVertices**
- **cantidadPuntos**
- **lado1**
- **lado2**
- **lado3**
- **semiperimetro**
- **paraImprimir**
- **area**
- **perimetrofig**

The documentation for this class was generated from the following file:

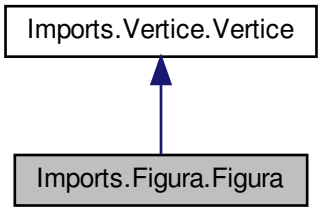
- sourcecode/Imports/Triangulo.py

3.4 Imports.Figura.Figura Class Reference

Inheritance diagram for Imports.Figura.Figura:



Collaboration diagram for Imports.Figura.Figura:



Public Member Functions

- def **__init__** (self, vertices)
- def **superficie** (self)
- def **perimetro** (self)
- def **__invert__** (self)

Public Attributes

- **nombre**
- **color**
- **paraImprimir**
- **identificador**
- **autoIncrementado**
- **listaVertices**
- **lado**
- **area**
- **perimetrofig**
- **cantidadPuntos**

The documentation for this class was generated from the following file:

- sourcecode/Imports/Figura.py

3.5 Imports.Impresora.Impresora Class Reference

Public Member Functions

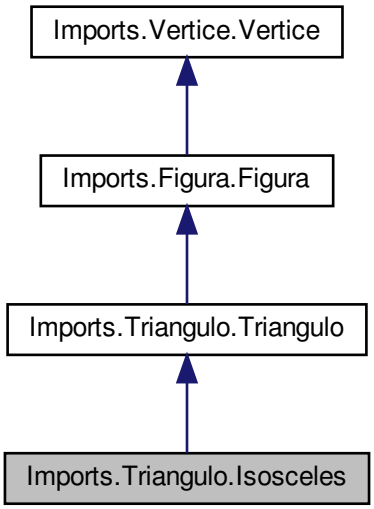
- def **__init__** (self, figura)
- def **imprimirPantalla** (self, figura)
- def **imprimirArchivo** (self, objeto)

The documentation for this class was generated from the following file:

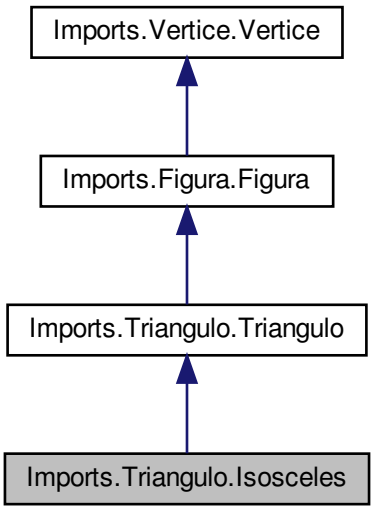
- sourcecode/Imports/Impresora.py

3.6 Imports.Triangulo.Isosceles Class Reference

Inheritance diagram for Imports.Triangulo.Isosceles:



Collaboration diagram for Imports.Triangulo.Isosceles:



Public Member Functions

- def **__init__** (self, arregloVertices, lados)
- def **superficie** (self)

Public Attributes

- **listaVertices**
- **cantidadPuntos**
- **distancias**
- **lado1**
- **lado2**
- **lado3**
- **paraImprimir**
- **area**
- **perimetrofig**

The documentation for this class was generated from the following file:

- sourcecode/Imports/Triangulo.py

3.7 Imports.Principal.Principal Class Reference

Public Member Functions

- def **__init__** (self)
- def **menu** (self)
- def **opcion** (self)
- def **HacerArregloVertices** (self, cantidad)
- def **MTDRECTANGULO** (self)
- def **MTDCIRCULO** (self)
- def **MTDTRIANGULO** (self)

Public Attributes

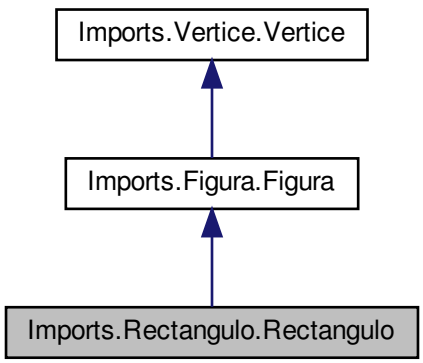
- **entrada**
- **arregloVertices**
- **distancias**

The documentation for this class was generated from the following file:

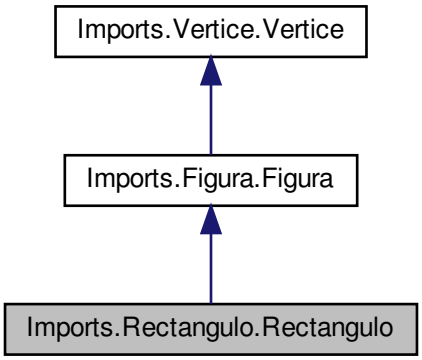
- sourcecode/Imports/Principal.py

3.8 Imports.Rectangulo.Rectangulo Class Reference

Inheritance diagram for Imports.Rectangulo.Rectangulo:



Collaboration diagram for Imports.Rectangulo.Rectangulo:



Public Member Functions

- def **__init__** (self, arregloVertices)
- def **superficie** (self)
- def **perimetro** (self)

Public Attributes

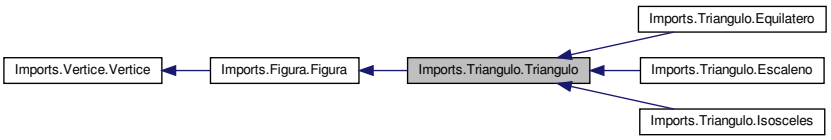
- **base**
- **altura**
- **cantidadPuntos**
- **listaVertices**
- **paraImprimir**
- **area**
- **perimetrofig**

The documentation for this class was generated from the following file:

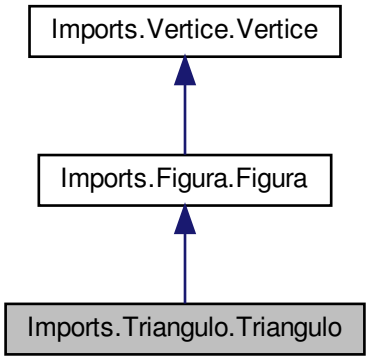
- sourcecode/Imports/Rectangulo.py

3.9 Imports.Triangulo.Triangulo Class Reference

Inheritance diagram for Imports.Triangulo.Triangulo:



Collaboration diagram for Imports.Triangulo.Triangulo:



Public Member Functions

- def **__init__** (self)
- def **perimetro** (self)

Public Attributes

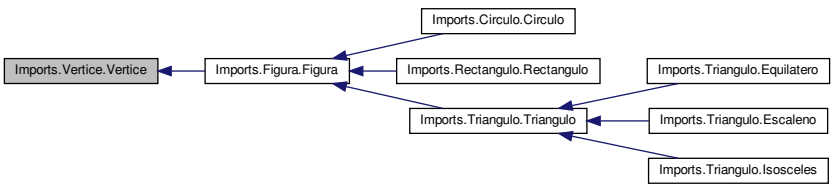
- **lado1**
- **lado2**
- **lado3**

The documentation for this class was generated from the following file:

- sourcecode/Imports/Triangulo.py

3.10 Imports.Vertice.Vertice Class Reference

Inheritance diagram for Imports.Vertice.Vertice:



Public Member Functions

- def **__init__** (self)
- def **__rshift__** (self, other)
- def **__invert__** (self)

Public Attributes

- **x**
- **y**
- **identificador**

The documentation for this class was generated from the following file:

- sourcecode/Imports/Vertice.py

Index

Imports.Circulo.Circulo, 5
Imports.Figura.Figura, 10
Imports.Impresora.Impresora, 11
Imports.Principal.Principal, 13
Imports.Rectangulo.Rectangulo, 13
Imports.Triangulo.Equilatero, 7
Imports.Triangulo.Escaleno, 8
Imports.Triangulo.Isosceles, 11
Imports.Triangulo.Triangulo, 14
Imports.Vertice.Vertice, 15