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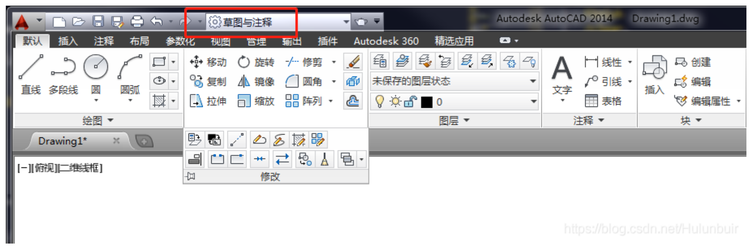

AutoCAD modify menu

This article uses pyautocad library to connect to CAD, the code is as follows:

```
#!/usr/bin/env python
# -*- coding: utf-8 -*-

"""
    ============================
    Author: DalNur
    Email: liyang@alu.hit.edu.cn
```

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```
pyacad = Autocad(create_if_not_exists=True)
pyacad.prompt("Hello! Autocad from pyautocad.")
print(pyacad.doc.Name)
```

2. Copy and delete

```
copyObj = EllObj.Copy()
    # 原位置复制，复制的图元与原图元重合。

copyObj.Delete()
```

Three, translation and rotation

```
startPnt = APoint(0, 0)
endPnt = APoint(30, 0)
EllObj.Move(startPnt,endPnt)

BasePoint = APoint(0, 0)
RotationAngle = math.radians(30)
EllObj.Rotate(BasePoint, RotationAngle)
    # BasePoint为旋转基点，即旋转轴过此点且平行于z轴；
    # RotationAngle为旋转角度（弧度制），角度正负由右手系确定。
```

Fourth, mirroring and zooming

```
startPnt = APoint(50, 50)
endPnt = APoint(50, -50)
MirObj = EllObj.Mirror(startPnt, endPnt)
    # startPnt为镜像线起点，endPnt为镜像线终点；
    # 镜像后原图元不删除。

BasePoint = APoint(0, 0)
ScaleFactor = 5
SclEntObj = EllObj.ScaleEntity(BasePoint, ScaleFactor)
    # ScaleFactor为缩放比例。
```

Five, array

5.1 Rectangular array

```
numberOfRows = 5
numberOfColumns = 5
numberOfLevels = 1
distanceBwtnRows = 20
distanceBwtnColumns = 20
distanceBwtnLevels = 1
retObj = EllObj.ArrayRectangular(numberOfRows, numberOfColumns, numberOfLevels,
                                 distanceBwtnRows, distanceBwtnColumns, distanceBwtnLevels)
```

5.2 Circular array

```
centerPoint = APoint(30, 0)
noOfObjects = 4
angleToFill = 3.14
retObj = EllObj.ArrayPolar(noOfObjects, angleToFill, centerPoint)

" 运行上述（1）、（2）代码报错，报错内容为：KeyError: 9。"
" 报错原因未知，虽然报错，但能顺利执行，不影响使用。"
" 可利用try...except...finally...机制，处理此类报错。"
```

Six, the end

The above is a brief introduction about the AutoCAD modification part.

Due to limited space, some non-critical functions have not been introduced in detail. If you have any questions, please email us.

The Tibetan writing is full of thoughts, and there are poems and books in the belly. I hope you can wander happ[illegible] the pāo of knowledge.

Because I am learning Python wildly, my level is really limited, and there are inevitably some omissions in the [illegible]. Please feel free to criticize and correct me.

Finally, I wish you all the siege lions, cherish life and protect the hairline!

Part of the content of this article originates from the Internet!

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Remarks can be made to the mailbox, and I will give away all the Python source code of this series of blogs.

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Hulunbuir 博主: No, that is the object to be translated, you can read my entire code, and then modify it to the object you want to translate. 2 months ago 1
reply

m0_60695928: Dear God: What kind of code should I use to delete the original image after I mirror it? 21 days ago reply

WASD_Docter: When I use the translation or rotation code, I keep prompting that Elliobj is not defined. Why is it that I haven't installed the relevant library files or the code hasn't been fully written? 2 months ago reply

Hulunbuir 博主 Reply : object2 = object1.Mirror(Point1, Point2), object2 is the mirror of object1, execute object1.Delete() to delete the original image o

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/usr/bin/env python # -*- coding: utf-8 -*- ''' === Author:DalNur Email: liyang@alu.hit.edu.cn Last Update: 2020.03.02 19:55 === ''' from pyautocad import Autocad...

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本文章用到了pyautocad这个第三方库，安装如下： python -m pip install pyautocad 安装成功后，即可使用。

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有没有办法用python把dwg文件AutoCAD改成png格式或pdf格式。在 我试着看了很多文件,但没有一个回答我的问题`` from __future__ import print_function from os.path…

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