

[software]

```
-  
6 void main(){  
7     run_annotate();  
8     //show_annotate();  
9 }
```

use “run_annotate()” to mark the fishes

```
200 //start here! //////////////////////////////////////
```

```
201 void run_annotate(  
202 )
```

```
{
```

change the setting here

```
203     //data dir
```

```
204     char img_dir[512]      = "F:\\[Kaggle]\\[fishery]\\[data]\\[dummy]\\set00\\imgs\\ALB";
```

```
205     char annotation_dir[512] = "F:\\[Kaggle]\\[fishery]\\[data]\\[dummy]\\set00\\annotations\\ALB";
```

```
206     char list_file[512]     = "F:\\[Kaggle]\\[fishery]\\[data]\\[dummy]\\set00\\ALB.txt";
```

```
207  
208  
209     char classnames[][128]={  
210         "Mahi", "Opah", "Shark", "Albacore_tuna", "Bigeye_tuna", "Yellowfin_tuna", "unknown?"
```

```
211     };
```

```
212     int label = 3; //set your label here!
```

```
---
```

example:

set00

imgs

ALB

BET

DOL

annotations output

ALB

BET

DOL

ALB.txt

BET.txt

DOL.txt



0000.jpg



0001.jpg



0002.jpg



0000.txt



0001.txt



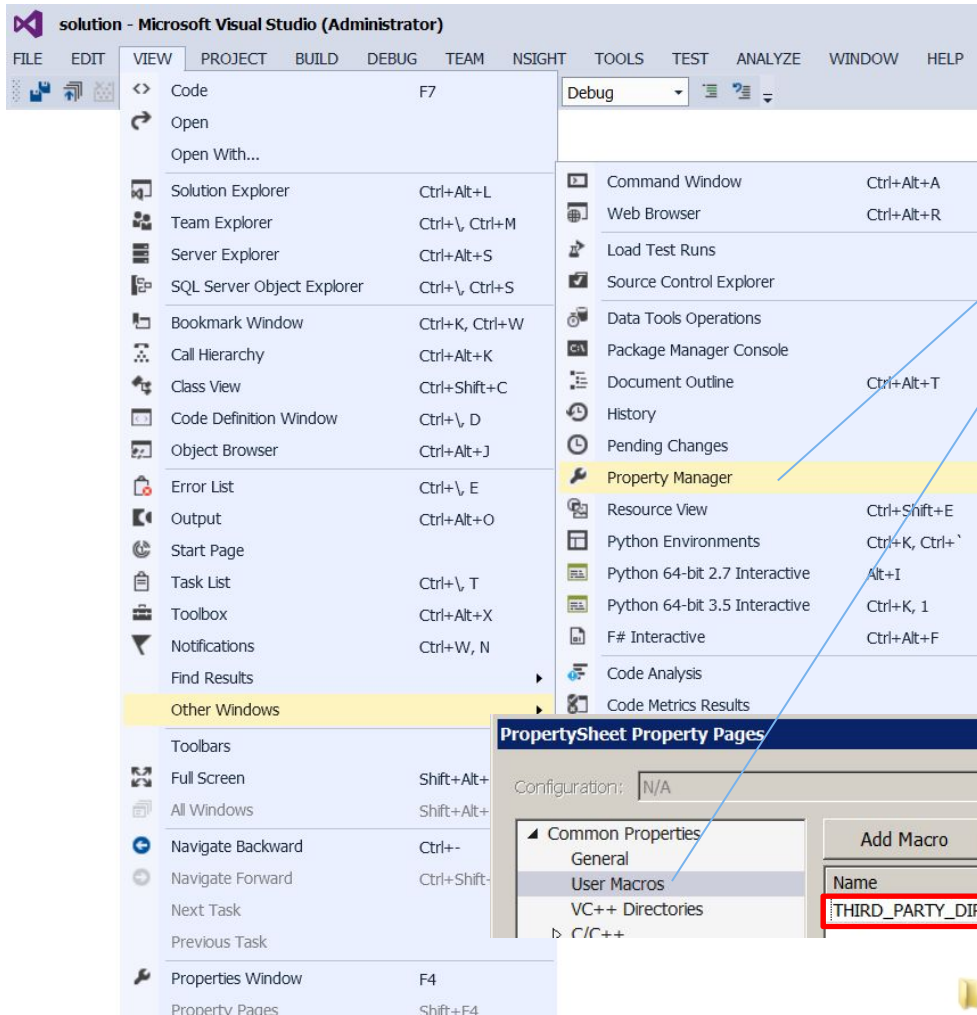
0002.txt

0002.txt

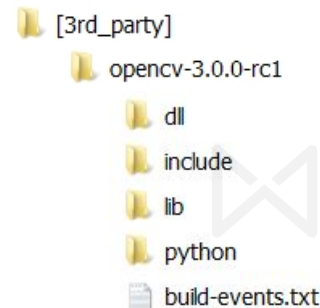
```
1 #format: cx, cy, rx, ry, angle  
2 224.0 371.0 204.5 51.7 -89.9  
3 436.0 359.0 187.2 56.0 -79.4  
4 385.0 669.0 215.8 67.1 72.2  
5 #num_objects = 3  
6
```

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Office

software setup:



use MACRO to set
openCV lib



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WPS Office

how to annotate:



step.1

Drag from tail to head to mark the axis.
(the direction is important)



step.2

Drag from center to mark the body



step.3

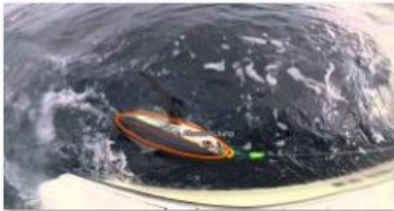
Press the key:

'space' : record to file
'e' : erase marking
'enter' : next image

```
name=0000  
#format: cx, cy, rx, ry, angle  
549.0 436.0 187.8 51.1 16.6
```

*if recored, the label will be shown.
the command screen will also show.*

[example results]



0000.jpg



0001.jpg



0002.jpg



0000.jpg



0001.jpg



0002.jpg



0000.jpg



0001.jpg



0002.jpg