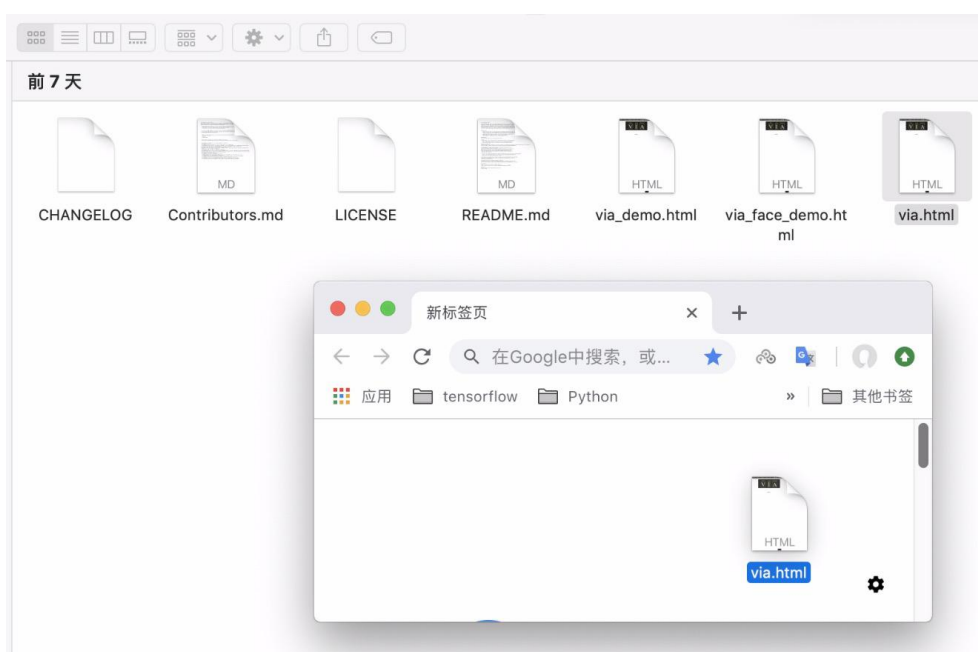


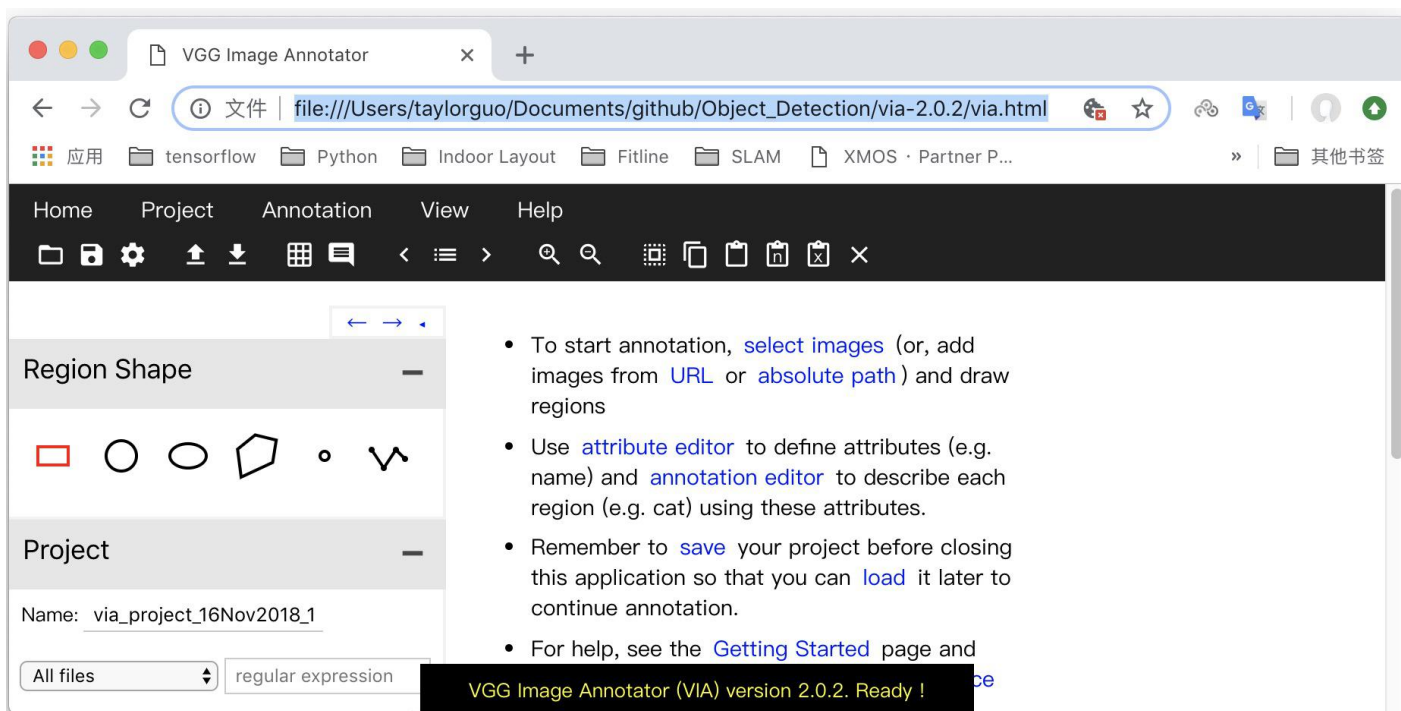
# VIA图像标注工具使用手册

2018/11/16

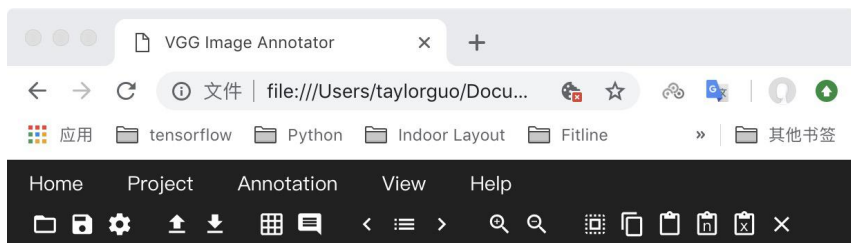


直接将via.html拉入浏览器打开

或者

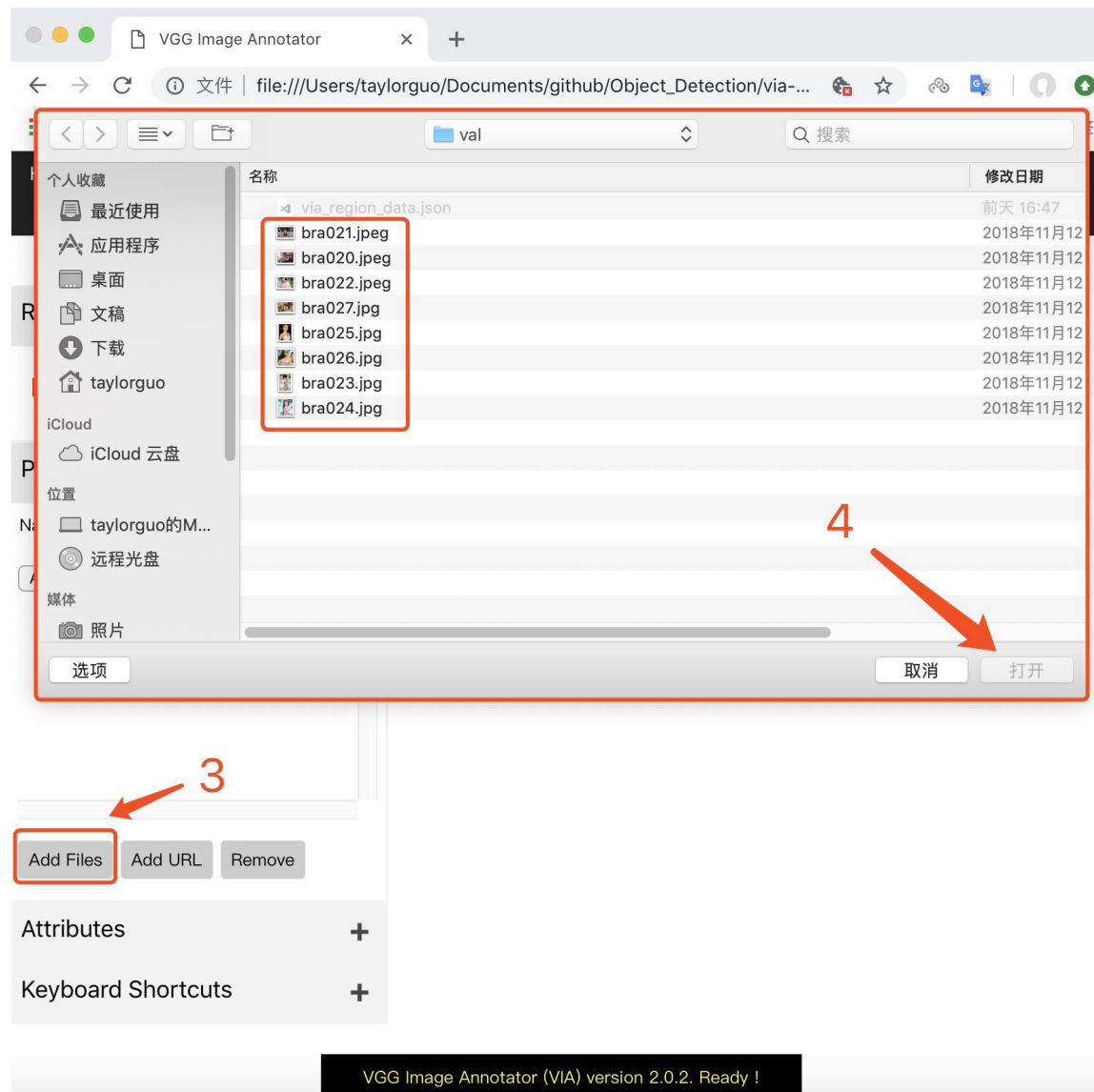


输入本地文件地址打开

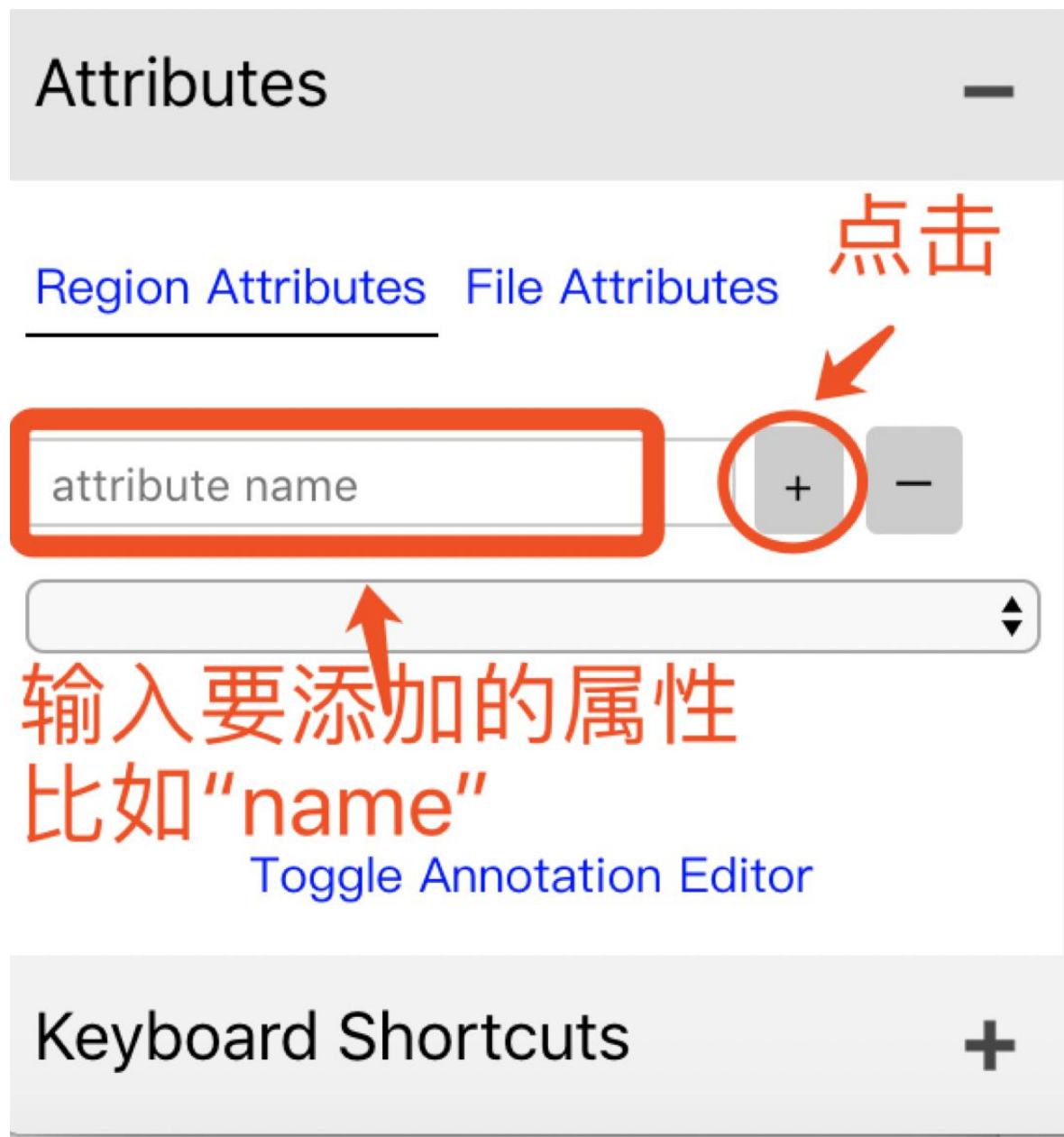
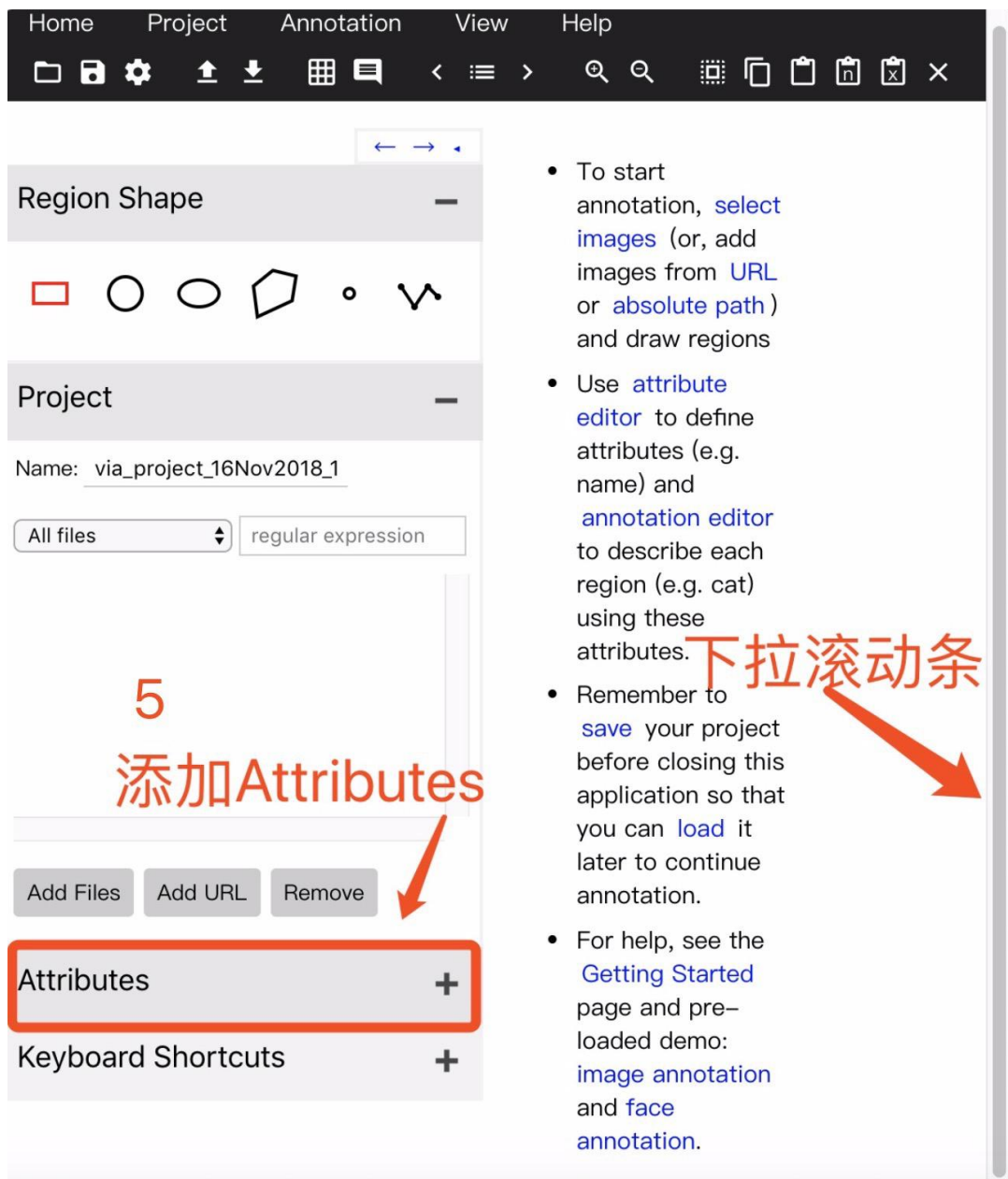


- To start annotation, [select images](#) (or, add images from [URL](#) or [absolute path](#)) and draw regions
- Use [attribute editor](#) to define attributes (e.g. name) and [annotation editor](#) to describe each region (e.g. cat) using these attributes.
- Remember to [save](#) your project before closing this application so that you can [load](#) it later to continue annotation.
- For help, see the [Getting Started](#) page and pre-loaded demo: [image annotation](#) and [face annotation](#).

VGG Image Annotator (VIA) version 2.0.2. Ready !



VGG Image Annotator (VIA) version 2.0.2. Ready !



要设置多少Attributes，可以自己添加，这里2个

先添加name字段，type为text

Attributes —

[Region Attributes](#) [File Attributes](#)

name + —

name ▴ ▾

Name	name
Desc.	
Def.	
Type	text <span>▴ ▾</span>

再添加type字段，type为dropdown

Attributes —

[Region Attributes](#) [File Attributes](#)

type + —

type ▴ ▾

Name	type
Desc.	
Def.	
Type	<div><div><div>✓ text</div><div>checkbox</div><div>radio</div><div>image</div><div>dropdown</div></div></div>

[Region Attributes](#) [File Attributes](#)

type



type

Name type

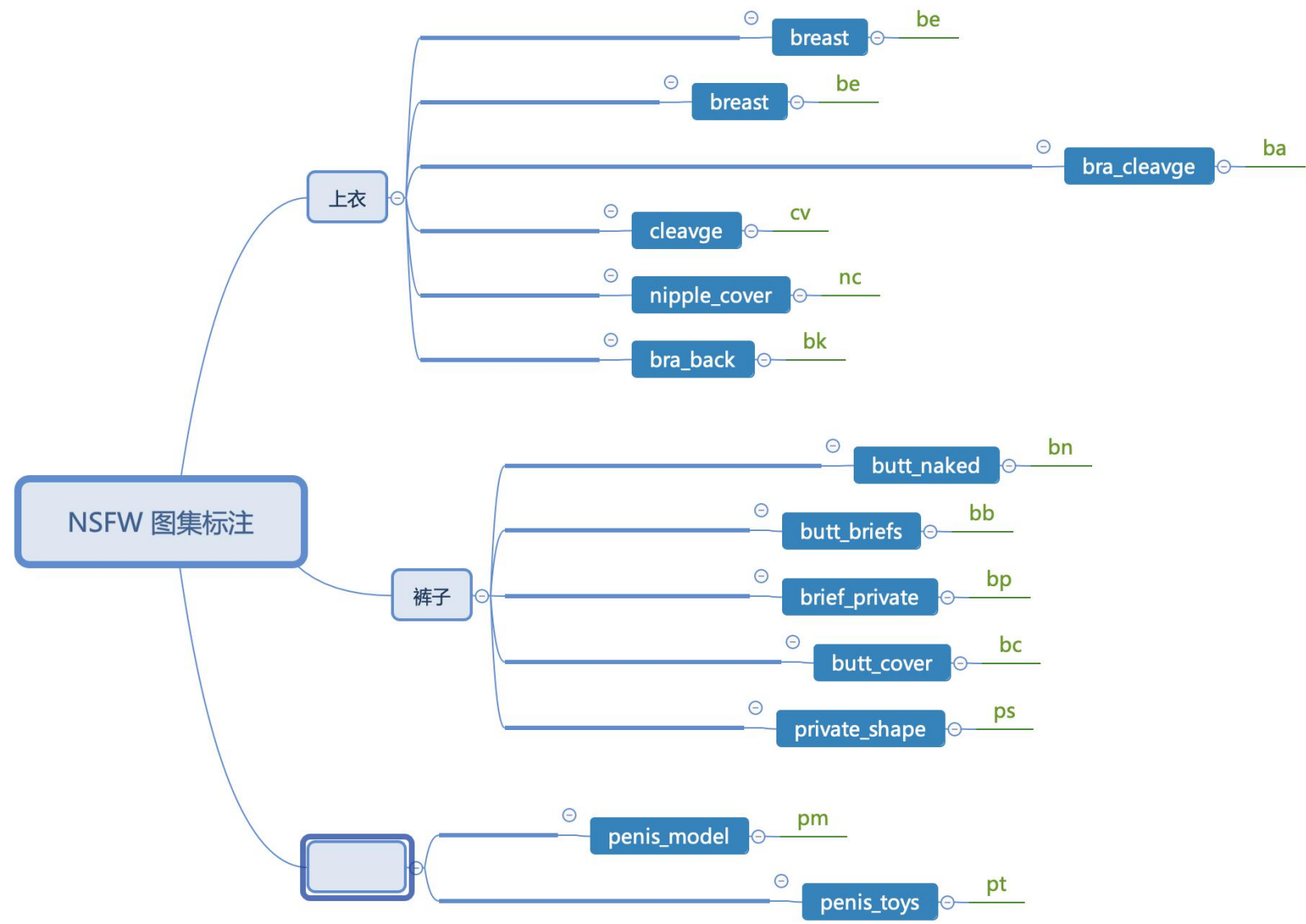
Desc.

Type dropdown

id	description	def.
be	breast	<input type="radio"/>
ba	bra_cleavage	<input type="radio"/>
cv	cleavage	<input type="radio"/>
nc	nipple_cover	<input type="radio"/>
bk	bra_back	<input type="radio"/>
bn	butt_naked	<input type="radio"/>
bb	butt_briefs	<input type="radio"/>
bp	brief_private	<input type="radio"/>
bc	butt_cover	<input type="radio"/>
ps	private_shape	<input type="radio"/>
pm	penis_model	<input type="radio"/>
pt	penis_toy	<input type="radio"/>

Add new option id

type字段，添加这些ID与以下脑图对应

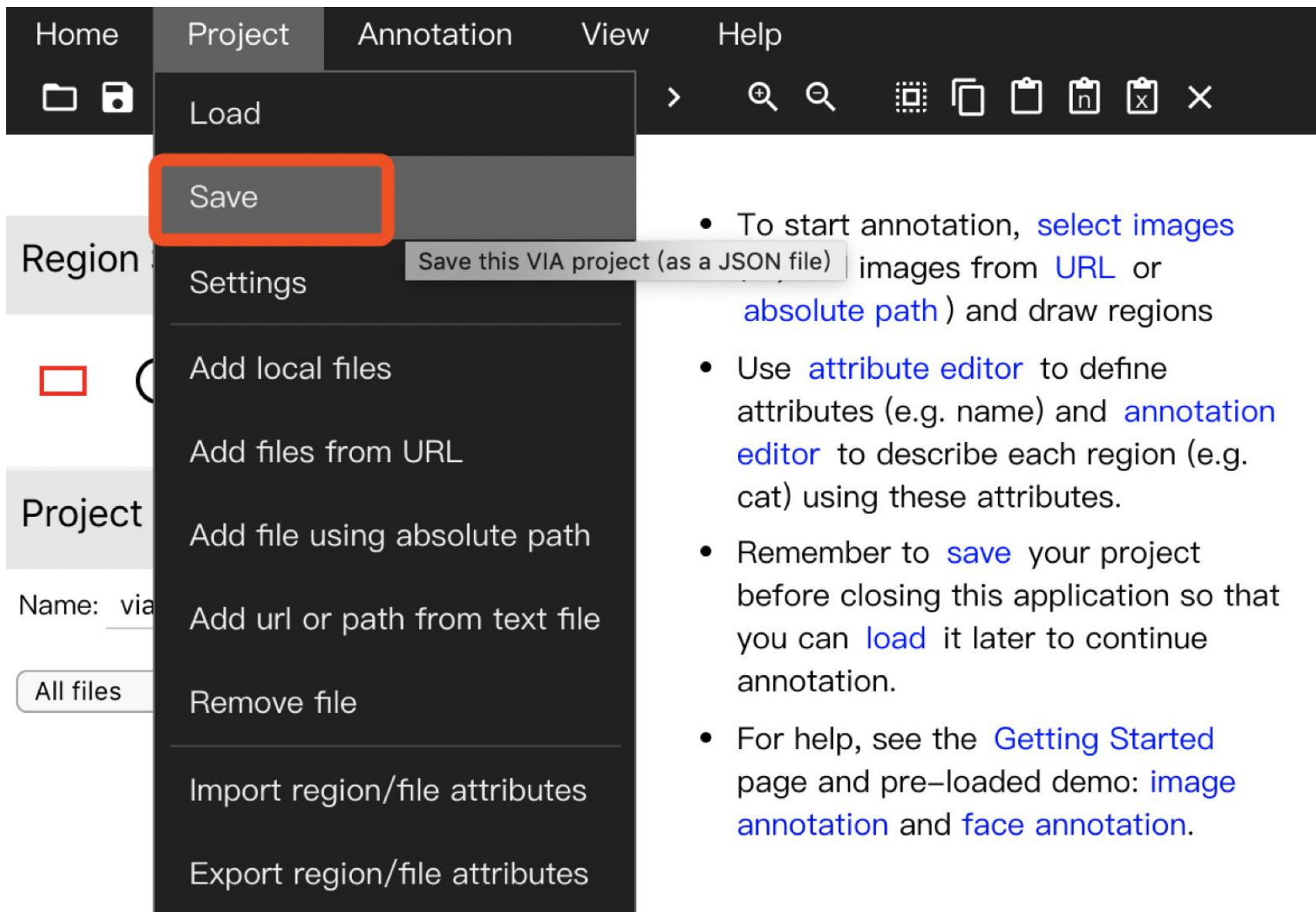


蓝色框类是 type

绿色字体是 name



点击“Project” -> “Save”可以保存为json，后续可以再导入



# 导入图像后，开始标注

HomeProjectAnnotationViewHelp

📁📄⚙️⬆️⬇️📊💬⏪⋮⏩🔍🔍📐📄📄📄📄✖️

Region Shape

□○◌◑⬤**Ⓡ**

**b**

Project

Name: via\_project\_16Nov2018\_1

All files

regular expression

**[1] bra021.jpeg**

[2] bra020.jpeg

[3] bra022.jpeg

[4] bra027.jpg

[5] bra025.jpg

[6] bra026.jpg

[7] bra023.jpg

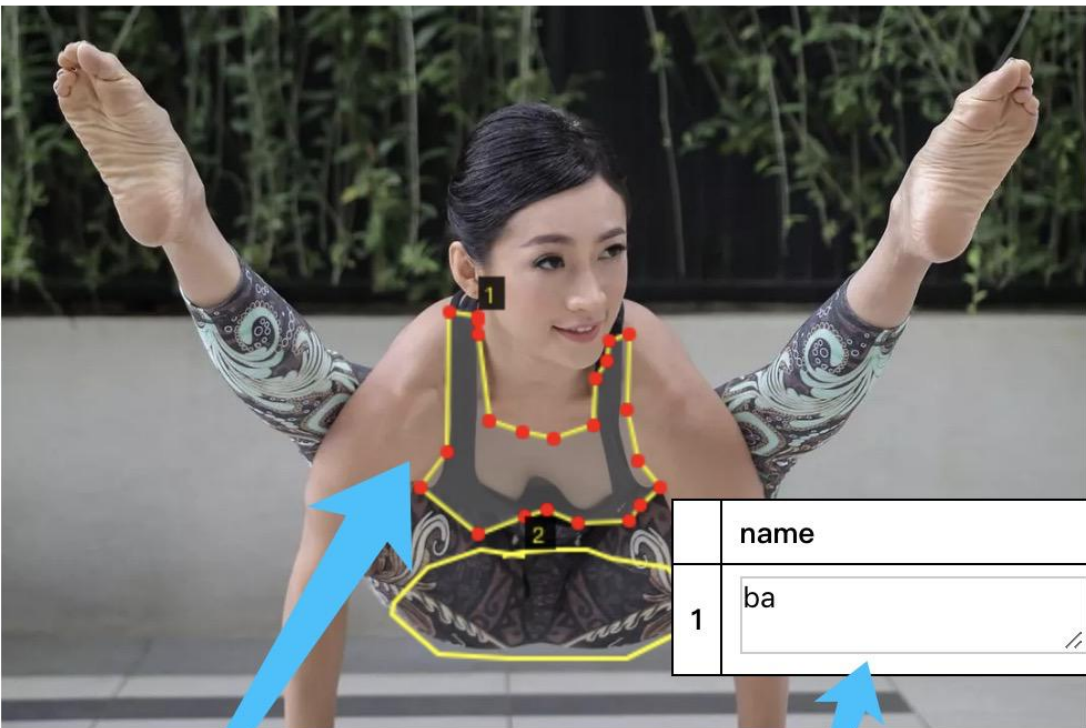
[8] bra024.jpg

Add Files

Add URL

Remove

Attributes



**c**

**d**

	name	type
1	ba	bra_cleavage

依次点击选择a处图像文件，b处图形工具

c. 在图像上选择要标注的物体

d. 再分别填入对应的字段name 和 type



# 标注 和 保存json

The screenshot displays the CVAT web interface. The top navigation bar includes 'Home', 'Project', 'Annotation', 'View', and 'Help'. The 'Annotation' menu is open, showing options: 'Export Annotations (as csv)', 'Export Annotations (as json)' (highlighted with a red box and a blue arrow), 'Import Annotations (from csv)', 'Import Annotations (from json)', 'Preview Annotations', and 'Download as Image'. A yellow text overlay '保存为json文件' (Save as json file) points to the 'Export Annotations (as json)' option. The left sidebar shows the 'Project' section with a list of files: [1] bra021.jpeg, [2] bra020.jpeg, [3] bra022.jpeg, [4] bra027.jpg, [5] bra025.jpg, [6] bra026.jpg, [7] bra023.jpg, and [8] bra024.jpg. Below the file list are buttons for 'Add Files', 'Add URL', and 'Remove'. The 'Attributes' section is collapsed. The main area shows a sample image of a woman in a patterned top with two yellow bounding boxes labeled '1' and '2'. A blue arrow points to the zoom-in and zoom-out icons in the top right corner of the image area. A yellow text overlay '可以点击放大或缩小图片' (You can click to zoom in or zoom out the image) is positioned above the image.

Home Project Annotation View Help

Export Annotations (as csv)

Export Annotations (as json)

Import Annotations (from csv)

Import Annotations (from json)

Preview Annotations

Download as Image

Region Shape

Project

Name: via\_project\_16N

All files regular expression

[1] bra021.jpeg

[2] bra020.jpeg

[3] bra022.jpeg

[4] bra027.jpg

[5] bra025.jpg

[6] bra026.jpg

[7] bra023.jpg

[8] bra024.jpg

Add Files Add URL Remove

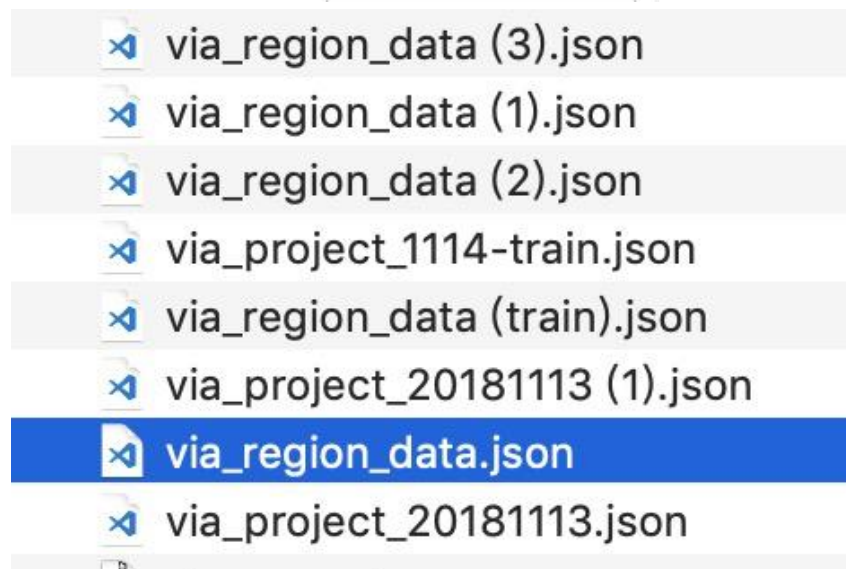
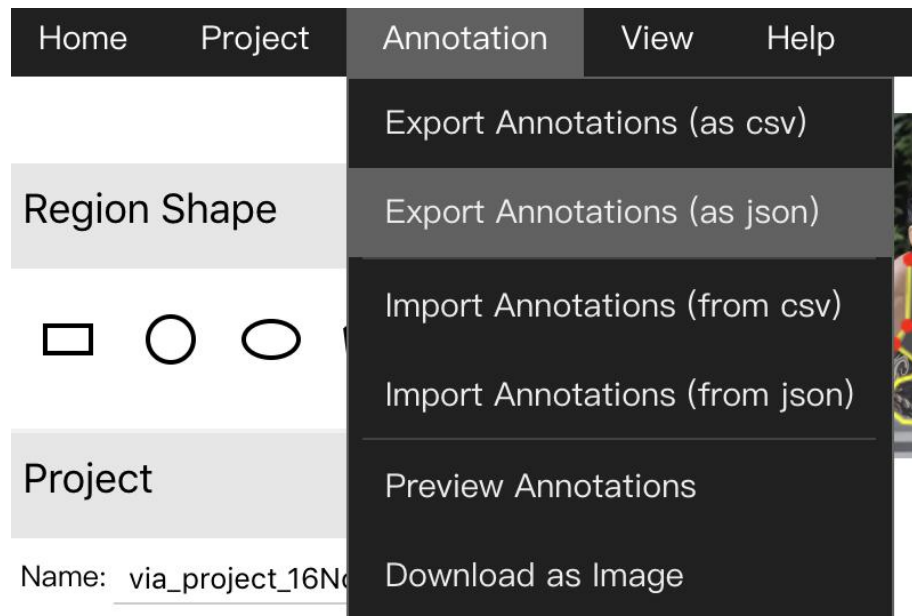
Attributes

Region Attributes File Attributes

可以点击放大或缩小图片

保存为json文件

# json文件 和 标记数据结构



```
1  {
2      "bra021.jpeg134560": {
3          "filename": "bra021.jpeg",
4          "size": 134560,
5          "regions": [
6              {
7                  "shape_attributes": {
8                      "name": "polyline",
9                      "all_points_x": [
10                         474,
11                         447,
12                         443,
```

```
60         "region_attributes": {
61             "name": "ba",
62             "type": "ba"
63         }
```

```
107     "region_attributes": {
108         "name": "ps",
109         "type": "ps"
110     }
```