

deepstream 介绍安装

GUPAO TECH

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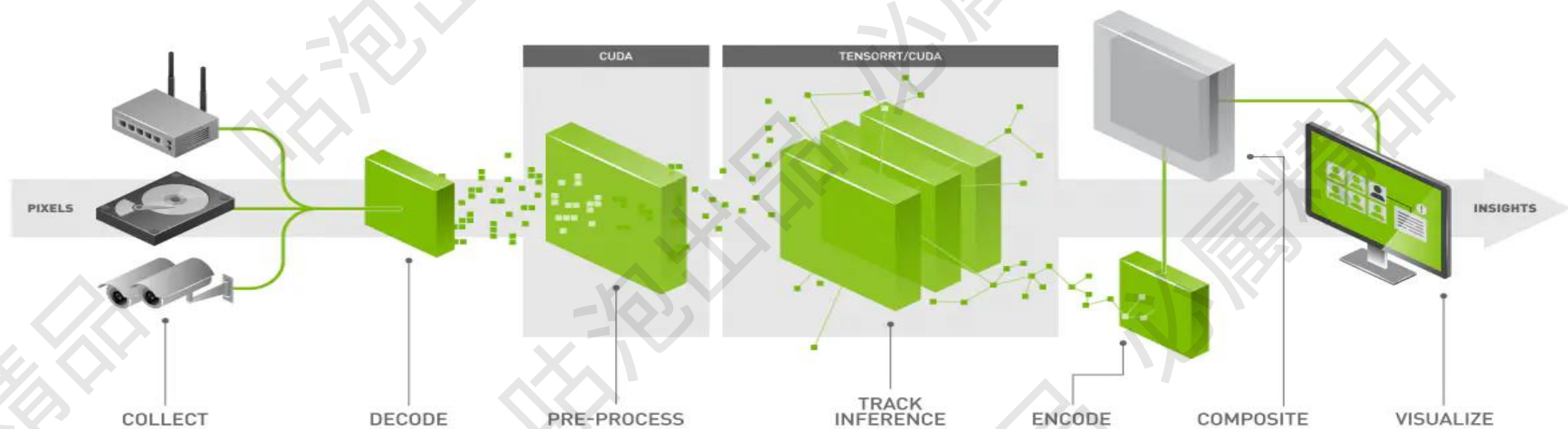
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deepstream



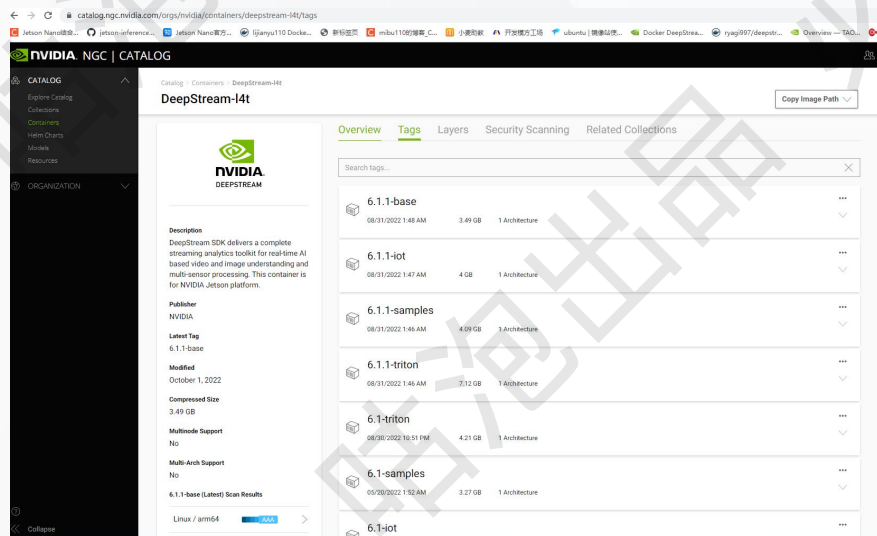
deepstream docker 版本查询

网页查询

<https://catalog.ngc.nvidia.com/containers>

下载 deepstream docker 对应 版本

<https://catalog.ngc.nvidia.com/orgs/nvidia/containers/deepstream-l4t>
tao info



下载

```
docker pull nvcr.io/nvidia/deepstream-l4t:6.0.1-samples
```

进入docker

```
docker run -it --rm --net=host --runtime nvidia -e  
DISPLAY=$DISPLAY -w /opt/nvidia/deepstream/deepstream -v  
/tmp/.X11-unix/:/tmp/.X11-unix nvcr.io/nvidia/deepstream-  
l4t:6.0.1-samples
```

deepstream python 支持

<https://hub.docker.com/r/ryagi997/deepstream-6.0-python>

启动

xhost +

```
sudo docker run -it --rm --net=host --runtime nvidia --device  
/dev/video0 -e DISPLAY=$DISPLAY -w  
/opt/nvidia/deepstream/deepstream-  
6.0/sources/deepstream_python_apps/apps -v ~/my-deepstream-  
python-apps:/opt/nvidia/deepstream/deepstream-  
6.0/sources/deepstream_python_apps/apps/my-apps  
ryagi997/deepstream-6.0-python:samples
```


切换清华数据源

```
python3 -m pip install -i https://pypi.tuna.tsinghua.edu.cn/simple -  
-upgrade pip
```

```
pip config set global.index-url  
https://pypi.tuna.tsinghua.edu.cn/simple
```

安装jupyter

```
pip3 install jupyter
```

```
jupyter notebook password
```

```
jupyter notebook --ip 0.0.0.0 --allow-root --port 8888
```

保存docker

```
docker commit 5f2927d43e45 lijianyu110/deepstream-6.0-  
python:sample-jupyter-v1
```

```
docker push lijianyu110/deepstream-6.0-python:sample-jupyter-v1
```

谢谢观赏

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