

使用

下载

运行

基础镜像制作

镜像或产品配置文件生成

使用

机器连接网络后下载快捷工具rpp_easy_tools

下载

```
mkdir rpptools && cd rpptools/  
wget http://file.robotplusplus.com.cn/rpp_easy_tools/rpp_easy_tools_amd64_1.0.0.zip  
md5sum rpp_easy_tools.zip #检查md5  
unzip -x rpp_easy_tools.zip
```

运行

基础镜像制作

① Note

基础镜像制作需要在纯净系统中制作

纯净系统在安装完成后需要先保证补丁、依赖等完成更新

```
sudo apt update  
sudo apt upgrade  
sudo reboot
```

以zbox_3080_1804（索泰_RTX3080_ubuntu18.04）为例子

1. 加载环境变量

```
cd ~/rpptools/rpp_easy_tools/robotplusplus_deploy_tool  
source ./global_env.config
```

2. 载入配置

```
cd config/  
mv ./zbox_3080_1804.config base_image.config
```

3. 执行程序，开始配置环境

```
rpp_base_generate [config name] # 执行rpp_base_generate根据需求选择对应config即可
```

等待程序执行完毕后，重启机器即可

Note

过程中需要输入密码

4. realsense驱动安装

cuda 加速

1. 加载代理

```
git config --global http.proxy 192.168.22.54:20172 #全局生效
git config --global https.proxy 192.168.22.54:20172 #全局生效
export http_proxy=192.168.22.54:20172
export https_proxy=192.168.22.54:20172
rpp_librealsense_install https://github.com v2.53.1 /usr/bin/python3.6 true 0
```

2. 安装

```
rpp_librealsense_install https://github.com v2.53.1 /usr/bin/python3.6 true 0
```

无GPU

暂不安装

5. 硬盘清理

- 清理rpp.log
- 启动bleachbit

bleachbit

修改 gedit .config/bleachbit为

```
[bleachbit]
auto_hide = True
auto_start = False
check_beta = False
check_online_updates = False
shred = False
exit_done = False
delete_confirmation = True
units_iec = False
first_start = False
version = 2.0
hashsalt =
daeff4e798eb83a217b7dc611493c106a76b49ad4970e396fbf5f711ed6beb69aad6fef37e511d98
36f8e02e0f0d7b28a0fd435ed16c0ebee3570889b36678eb

[hashpath]

[list/shred_drives]
0 = /home/rpp/.cache
```

```
1 = /tmp
```

[preserve_languages]

```
en = True
```

[tree]

```
apt.clean = True
```

```
apt = True
```

```
bash.history = True
```

```
bash = True
```

```
evolution = True
```

```
evolution.cache = True
```

```
firefox.dom = True
```

```
firefox = True
```

```
firefox.download_history = True
```

```
firefox.session_restore = True
```

```
firefox.backup = True
```

```
firefox.crash_reports = True
```

```
firefox.vacuum = True
```

```
firefox.site_preferences = True
```

```
firefox.cache = True
```

```
firefox.forms = True
```

```
firefox.cookies = True
```

```
gnome.search_history = True
```

```
gnome = True
```

```
journald.clean = True
```

```
journald = True
```

```
deepscan.tmp = True
```

```
deepscan = True
```

```
system.trash = True
```

```
system = True
```

```
system.rotated_logs = True
```

```
system.desktop_entry = True
```

```
system.cache = True
```

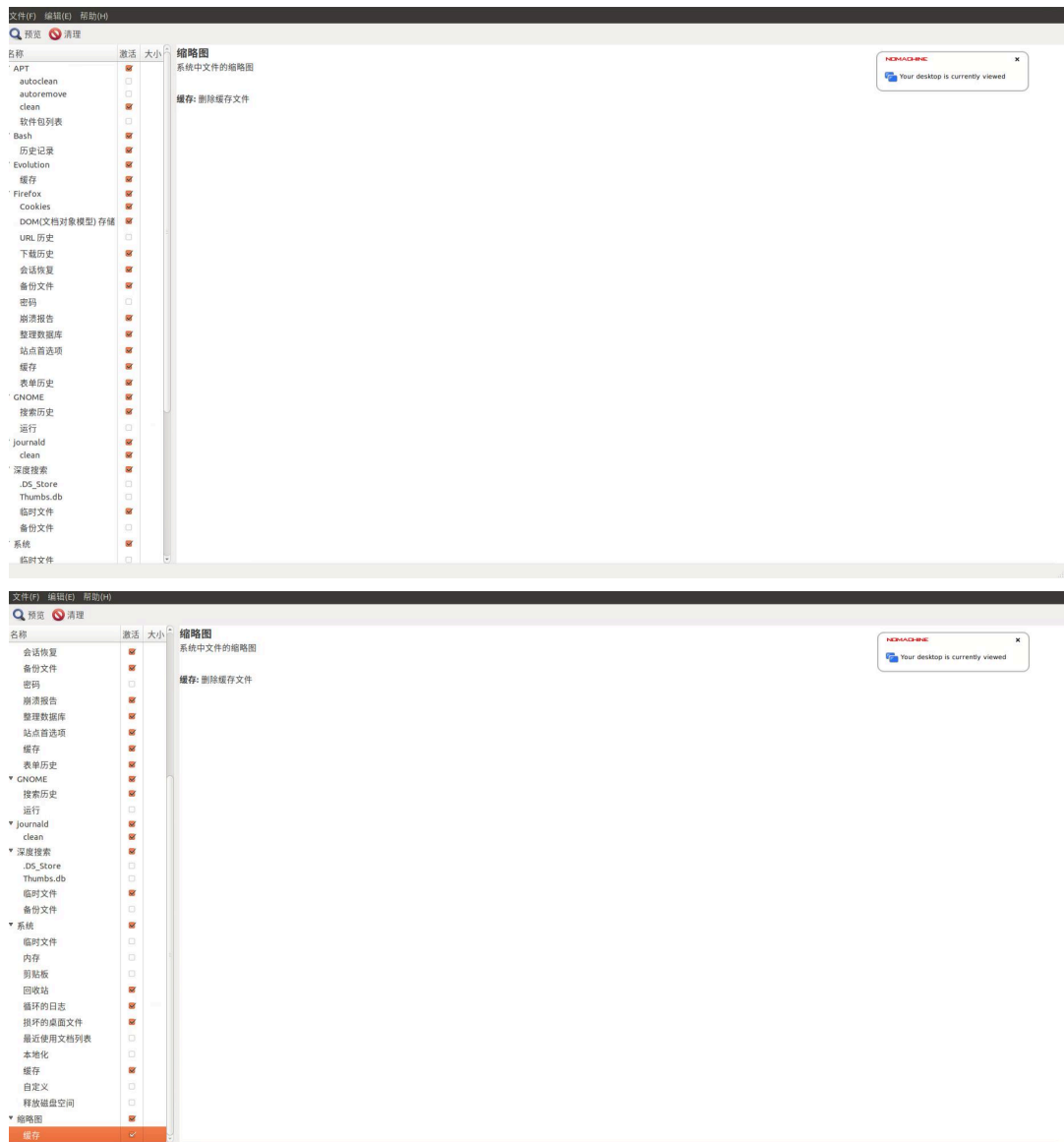
```
thumbnails.cache = True
```

```
thumbnails = True
```

Note

修改配置文件需要重启软件

或者手动选择至下图所示勾选后**点击清理**即可



6. 基础镜像快照制作

```
cd ~/rpptools
unzip -x rpp_fast_migrate_record.zipcd
cd rpp_fast_migrate_record/
./rpp_fast_migrate_record_rpp_ #启动程序
```

打开一个新终端

为了避免将工厂模式存入镜像中在制作镜像前需要将app改为用户模式

```
mv rpp_fast_migrate_record_rpp_fast_migrate_record
```

在弹出的gui中的基础状态工具集中点击1-基础状态制作，并根据提示操作即可

镜像或产品配置文件生成

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