

OrbStack - docker ubuntu x86 architecture



```
./start.sh
OrbStack ERROR: Dynamic loader not found: /lib64/ld-linux-x86-64.so.2

This usually means that you're running an x86 program on an arm64 OS without multi-arch libraries.
To fix this, you can:
  1. Use an Intel (amd64) container to run this program; or
  2. Install multi-arch libraries in this container.

This can also be caused by running a glibc executable in a musl distro (e.g. Alpine), or vice versa.
For more details and instructions, see https://go.orbstack.dev/multiarch
```

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<https://docs.orbstack.dev/machines/#multi-architecture>



2. Install multi-arch libraries in this container.

libgcc-s1 libcrypt1

!



1. Multi-arch lib64:amd64

- multi-arch lib64:amd64
- /tmp/apt-dpkg-install-pQVhzt/5-libc6_2.37-0ubuntu2.2_amd64.deb

2. libgcc-s1 libcrypt1

- lib64:amd64 libgcc-s1 libcrypt1
- URL

3. apt 更新

- `sudo apt update` [`sudo apt install libgcc-s1:amd64 libcrypt1:amd64`] 更新。
- apt 更新 成功 后 再 更新。

4. apt 修复

- `sudo apt --fix-broken install` 修复 失败 的 包。
- 安装 `libc6:amd64` 包。

5. libstdc++.so.6 安装

- `./start.sh` 安装 `libstdc++.so.6` 包。
- `sudo apt install libstdc++6` 安装 `libstdc++6` 包。



- Multi-arch 设置:

```
sudo dpkg --add-architecture amd64
sudo apt update
```

- 添加源:

```
echo 'deb [arch=arm64] http://ports.ubuntu.com/ubuntu-ports lunar main restricted universe
multiverse
deb [arch=arm64] http://ports.ubuntu.com/ubuntu-ports lunar-updates main restricted universe
multiverse
deb [arch=arm64] http://ports.ubuntu.com/ubuntu-ports lunar-security main restricted universe
multiverse
deb [arch=amd64] http://archive.ubuntu.com/ubuntu lunar main restricted universe multiverse
deb [arch=amd64] http://archive.ubuntu.com/ubuntu lunar-updates main restricted universe
multiverse
deb [arch=amd64] http://archive.ubuntu.com/ubuntu lunar-security main restricted universe
multiverse' | sudo tee /etc/apt/sources.list
```

- 更新:

```
sudo apt update
sudo apt install libc6:amd64
```

- 修复 失败 的 包:

```
sudo apt --fix-broken install
sudo apt install libgcc-s1:amd64 libcrypt1:amd64
sudo dpkg -i libc6_2.37-0ubuntu2.2_amd64.deb
```

- `libstdc++.so.6` 安装:

```
sudo apt install libstdc++6  
sudo apt install libstdc++6:amd64
```

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