windows7 及以上上安装 docker toolbox

■ 版本确认

在计算机的右键属性里面查看：

确认自己的版本是专业版或者是企业 64 位的版本。

必要的检查：

- 64 位的 window 版本，确认过程（https://support.microsoft.com/zh-cn/help/827218/how-to-determine-whether-a-computer-is-running-a-32-bit-version-or-64）
- windows7 确认自己的操作系统或者硬件支持虚拟化，可以使用微软官方（https://www.microsoft.com/en-us/download/details.aspx?id=592）的工具进行检测，或者是 360/鲁大师这类工具进行检测。

安装过程

使用课程资源中的 DockerToolbox.exe 进行安装。

官网的下载地址：

Mac:

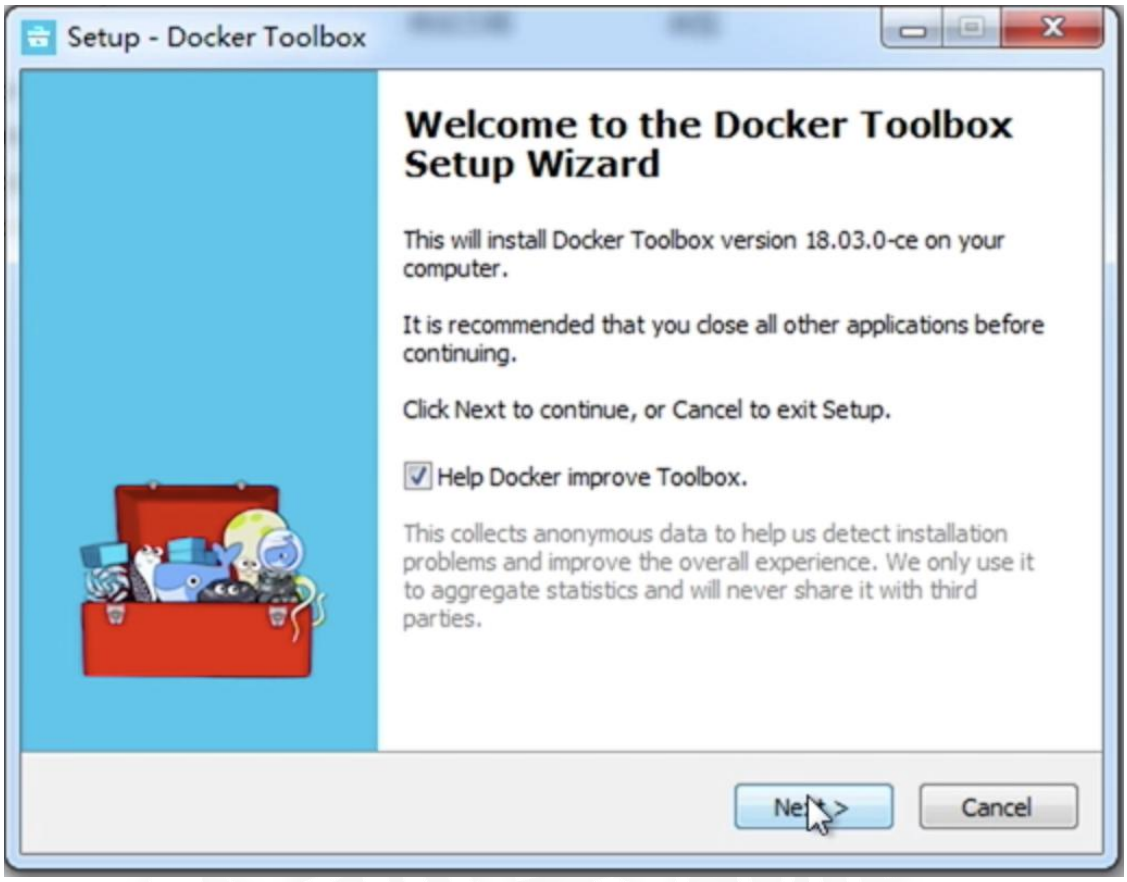
https://download.docker.com/mac/stable/DockerToolbox.pkg

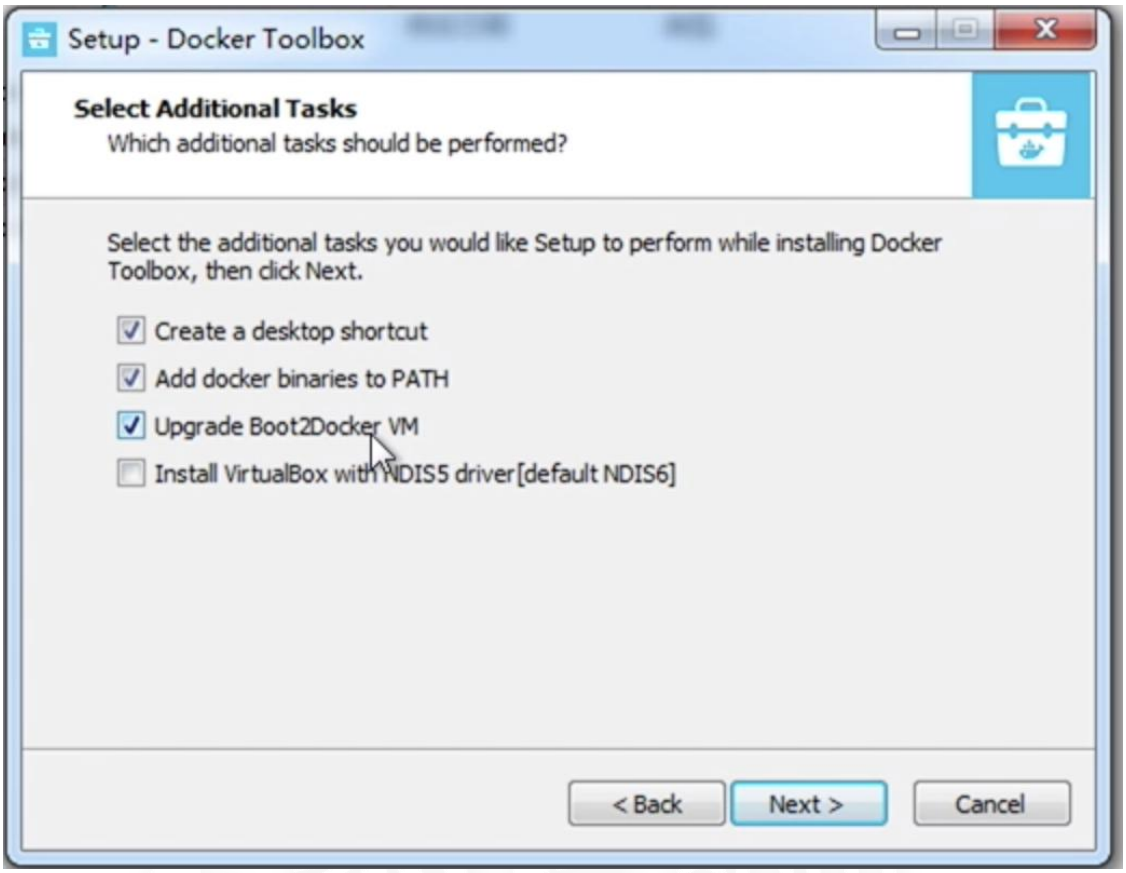
windows:

https://download.docker.com/win/stable/DockerToolbox.exe

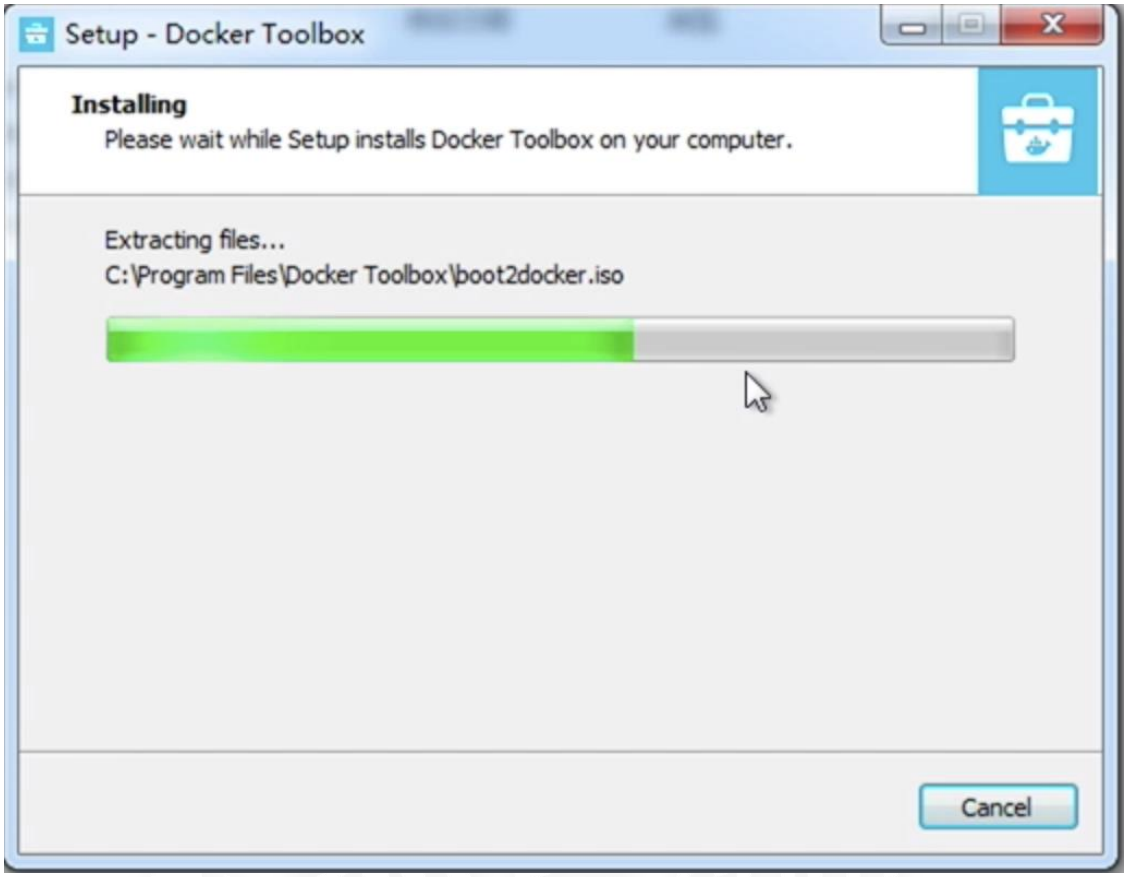
注意要使用右键管理员权限运行！！！！！

安装过程：


Setup - Docker Toolbox
Welcome to the Docker Toolbox Setup Wizard
This will install Docker Toolbox version 18.03.0-ce on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Help Docker improve Toolbox.
This collects anonymous data to help us detect installation problems and improve the overall experience. We only use it to aggregate statistics and will never share it with third parties.
Next >
Cancel

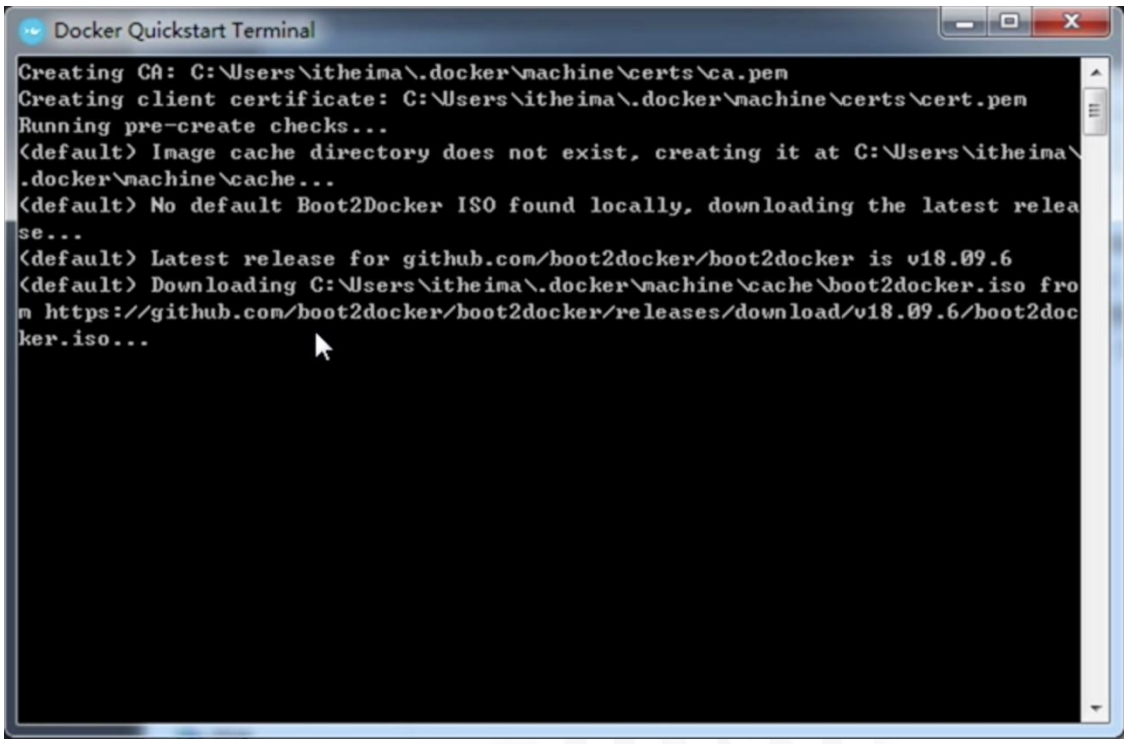

Setup - Docker Toolbox
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing Docker Toolbox, then click Next.
Create a desktop shortcut
Add docker binaries to PATH
Upgrade Boot2Docker VM
Install VirtualBox with NDIS5 driver [default NDIS6]
< Back
Next >
Cancel

一直点下一步：

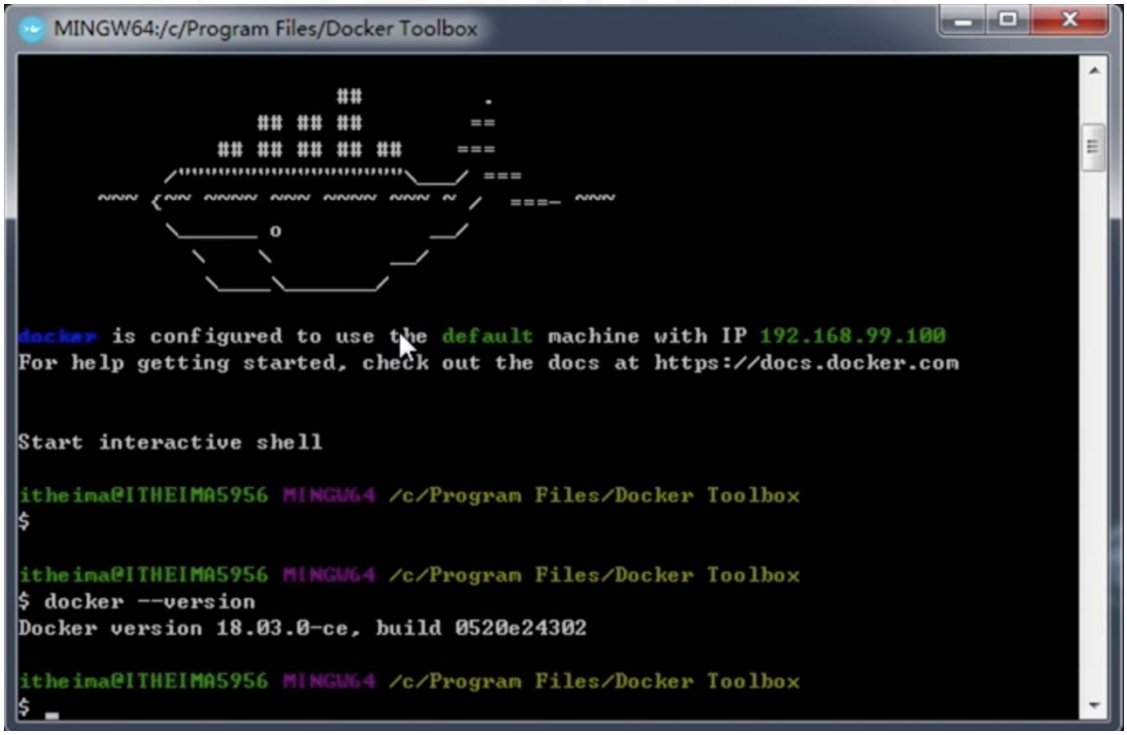


安装完成之后：

使用第一个 QuickStart，**右键管理员运行：**



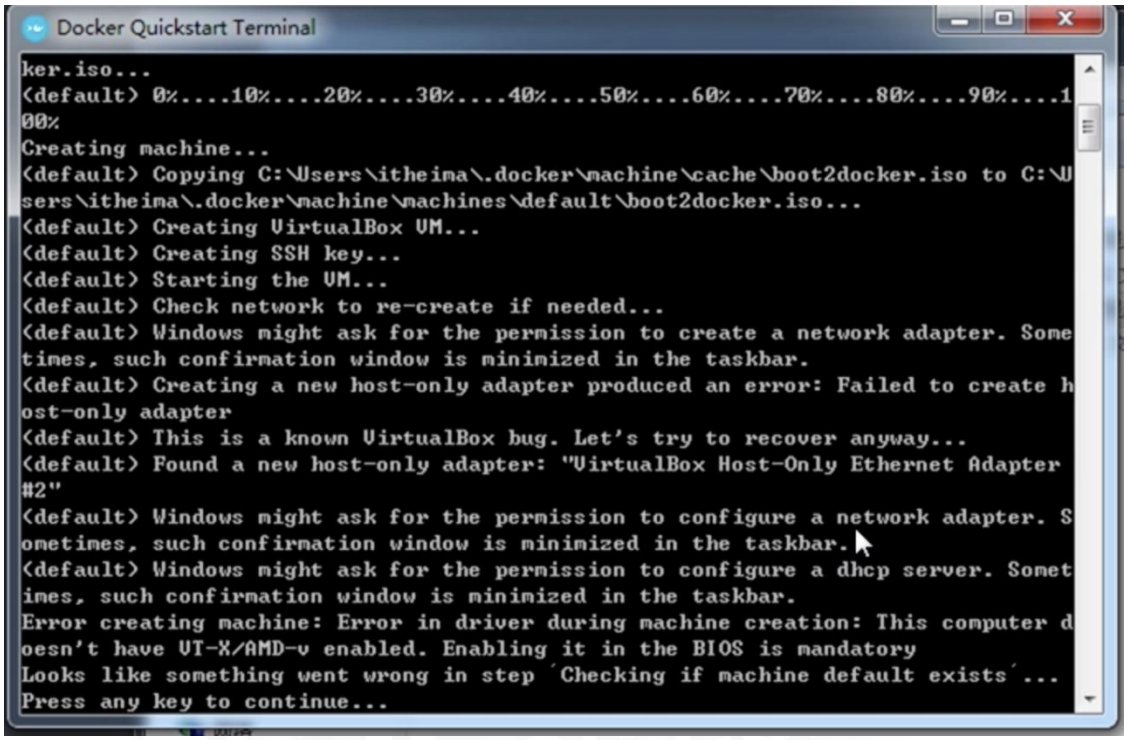
正常运行：



可以使用 docker --version 进行验证。

■ 常见错误问题

没有启用虚拟化，或者本机不支持虚拟化。



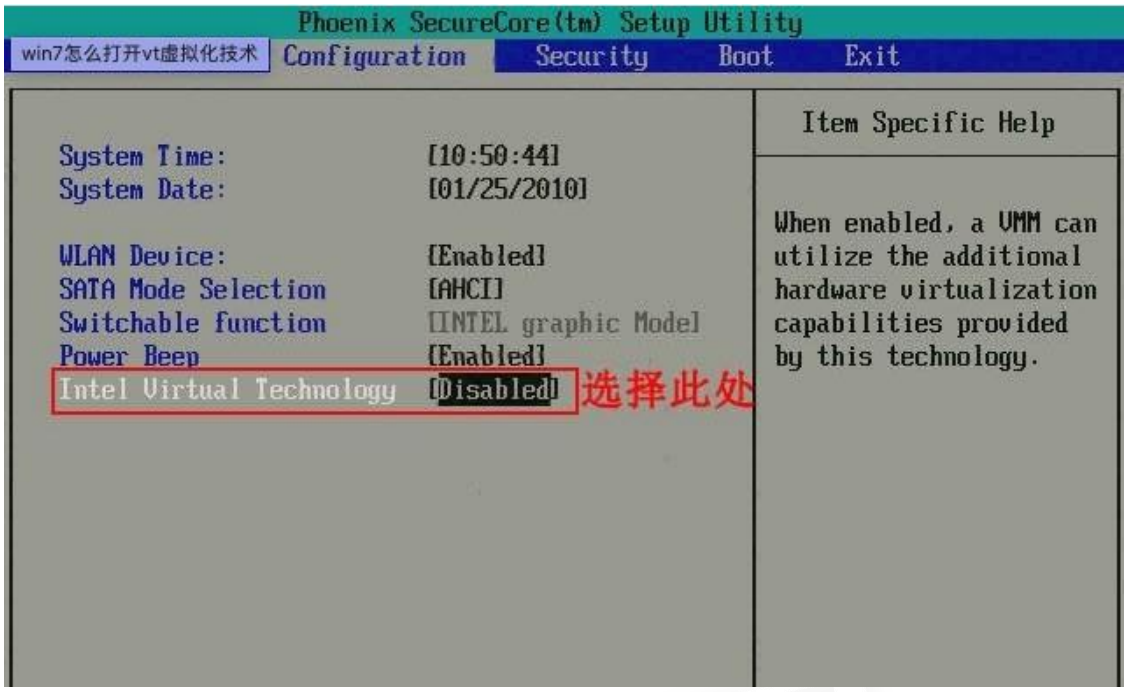
如何确认？

Windows8 及 vista：

其他可以参考：

- 如何开启 windows 的虚拟化？（https://www.microsoft.com/en-us/download/details.aspx?id=592）
- cpu 虚拟化检测工具 LeoMoon CPU（https://dl.pconline.com.cn/download/400994.html）
- 检测是否支持 VT 虚拟化及 bios 开启方法（http://www.veryhuo.com/a/view/94274.html）

BIOS 里面需要设置的地方：


Phoenix SecureCore(tm) Setup Utility
win7怎么打开vt虚拟化技术
Configuration
Security
Boot
Exit
System Time:
[10:50:44]
System Date:
[01/25/2010]
WLAN Device:
[Enabled]
SATA Mode Selection
[AHCI]
Switchable function
[INTEL graphic Model
Power Beep
[Enabled]
Intel Virtual Technology
[Disabled]
选择此处
Item Specific Help
When enabled, a VMM can utilize the additional hardware virtualization capabilities provided by this technology.

改成 Enable