新linux页面

一、Do you need linux?

Linux is a free and open source UNIX-like operating system.

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1. Open source

①Freedom of use.

②Research freedom.——You can get the software source code.

③Freedom of dissemination and improvement.

1. The creation of Linux

1991年，在赫尔辛基大学学习计算机科学时，Linus Torvalds开始了一个后来成为Linux内核的项目.之后，许多人为该项目贡献了代码（In 1991, while studying computer science at University of Helsinki , Linus Torvalds began a project that later became the Linux kernel .After that, many people contributed code to the project.）

1. Linux的特点：开放性(Openness)，多用户(Multi-user)，多任务(Multitasking)，丰富的网络功能(Rich network features)，可靠的系统安全(Reliable system security)，良好的可移植性(Good portability)，具有标准兼容性(Standard compatibility)，良好的用户界面(Good user interface)（命令界面，图形界面等），出色的速度性能(Excellent speed performance)
2. 用途（User）

1.桌面(desktop)：大多数现代发行版都包含一个图形用户环境，截至2015年2月，两个最受欢迎的环境是KDE Plasma Desktop和Xfce。（Most modern distributions include a graphical user environment.The two most popular environments being the KDE Plasma Desktop and GNOME .）

2.服务器，大型机和超级计算机(Servers and Supercomputers):Linux发行版一直以来都被用作服务器操作系统.（Linux distributions have long been used as server operating systems）LAMP服务器在开发人员中广受欢迎，是网站托管更常用的平台之一（LAMP server-software combination has achieved popularity among developers, and which is one of the more common platforms for website hosting.）

3.智能设备（Smart devices）：智能手机，平板电脑，智能电视系统等几种操作系统基于Linux。这类系统的主要平台包括Android，Firefox OS，Mer和Tizen。（Several operating systems for smart devices , such as smartphones , tablet computers , smart TVs systems, are based on Linux.）Android已成为智能手机的主流移动操作系统（Android has become the dominant mobile operating system for smartphones。）

4.嵌入式设备(Embedded devices)：Linux的低成本、强大的定制功能以及良好的移植性能，使得Linux在嵌入式系统方面也得到广泛应用。（Linux's low cost, powerful customization capabilities and good portability make Linux widely used in embedded systems.）

<p>Most modern distributions include a graphical user environment, with, as of February 2015,the two most popular environments being the KDE Plasma Desktop and Xfce.</p>

<p>Linux distributions have long been used as server operating systems.LAMP server-software combination has achieved popularity among developers, and which is one of the more common platforms for website hosting.</p>

<p>Several operating systems for smart devices , such as smartphones , tablet computers , smart TVs systems, are based on Linux.Android has become the dominant mobile operating system for smartphones.</p>

<p>Linux's low cost, powerful customization capabilities and good portability make Linux widely used in embedded systems.</p>

1. 界面(Interface)

Linux has a good user interface (command interface, graphical interface, etc.)

1. 在linux上编程(Programming on linux)

github <https://github.com/>

git <https://git-scm.com/>

chrome <https://www.google.cn/chrome/>

firefox <https://www.mozilla.org/en-US/firefox/new/>

vim <https://www.vim.org/download.php>

gedit <https://gedit.en.softonic.com/>

Apache <http://www.apache.org/>

MYSQL <https://www.mysql.com/>

PHP <http://www.php.net/>

Python <https://www.python.org/>

perl http://www.perl.org/

QT Creator <https://www1.qt.io/cn/>

Emacs <http://www.gnu.org/software/emacs/>

GDB <http://www.gnu.org/software/gdb/>

Clion <https://www.jetbrains.com/clion/>

source insight <https://www.sourceinsight.com/>

Gcc <https://gcc.gnu.org/>

Geany <https://www.geany.org/>

visual studio code <https://code.visualstudio.com/>

clang <http://clang.llvm.org/>

kdevelop <https://www.kdevelop.org/>

JetBrains <https://www.jetbrains.com/>

sublime text 3 <https://www.sublimetext.com/>

Eclipse <https://www.eclipse.org/downloads/>

NetBeans <https://netbeans.org/>

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## 联系我们（Contact us）

QUESTIONS AND INQUIRIES

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Or, send us questions or comments by filling out the form.

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