

Propose and Develop a Research Question

Purpose

To focus upon formulating a research question.

Task

Composing a brief question pertaining to the proposed research - whatever the subject. Briefing insofar as it would fit on one metaphorical or literal "Post-It" note.

Operating System file names

Ubuntu is a Linux distribution based popular operating system for cloud computing, with support for OpenStack, and mostly composed of free and open-source software. Ubuntu is officially released in three editions:

1. Desktop,
2. Server, and
3. Core for Internet of things devices and robots.

All these editions can run on the computer alone, or in a virtual machine.

Ubuntu releases are given code names using an adjective and an animal with the same beginning letter, e.g., “Warty Warthog”, “Hoary Hedgehog”. Code names are in alphabetical order except for the first two releases. But from Ubuntu 17.10 the initial letter “rolled over” and returned to “A”. Ubuntu is allotted over the Internet as a DVD image (.iso) file.

An ISO is an archive of the contents of a CD or DVD, and it can be stored on a hard drive for later use. The term "ISO file" refers to a single file that contains a file system within it, ISO format is just one CD for the entire operating system, and almost all Linux distributions are offered in this format for download. ISO file conforms to the international ISO 9660 standard that prescribes the standard file structure to be used for CD-ROM media.

ISO files are mostly referred to as

- ISO images
- ISOs, or
- Just generically under the term image.

The term image also encompasses other file formats such as

- MDF,
- CUE/BIN,

- IMG, DMG, or
- NRG.

All of these were designed for the needs of a particular application, but they perform the same function as ISO.

References:

1. <https://help.ubuntu.com/community/BurningIsoHowto>
2. https://en.wikipedia.org/wiki/Ubuntu_version_history#cite_note-devCodeNames-10
3. <https://en.wikipedia.org/wiki/Ubuntu>