0.12

0-12-0

Under the Whyte notation for the classification of steam locomotives, 0-12-0 represents the wheel arrangement of no leading wheels, twelve powered and - Under the Whyte notation for the classification of steam locomotives, 0-12-0 represents the wheel arrangement of no leading wheels, twelve powered and coupled driving wheels on six axles, and no trailing wheels.

Private network

block 127.0.0.0/8 for use as private loopback addresses. IPv6 reserves the single address ::1. Some are advocating reducing 127.0.0.0/8 to 127.0.0.0/16. It - In Internet networking, a private network is a computer network that uses a private address space of IP addresses. These addresses are commonly used for local area networks (LANs) in residential, office, and enterprise environments. Both the IPv4 and the IPv6 specifications define private IP address ranges.

Most Internet service providers (ISPs) allocate only a single publicly routable IPv4 address to each residential customer, but many homes have more than one computer, smartphone, or other Internet-connected device. In this situation, a network address translator (NAT/PAT) gateway is usually used to provide Internet connectivity to multiple hosts. Private addresses are also commonly used in corporate networks which, for security reasons, are not connected directly to the Internet. Often a proxy, SOCKS gateway, or similar devices are used to provide restricted Internet access to network-internal users.

Private network addresses are not allocated to any specific organization. Anyone may use these addresses without approval from regional or local Internet registries. Private IP address spaces were originally defined to assist in delaying IPv4 address exhaustion. IP packets originating from or addressed to a private IP address cannot be routed through the public Internet.

Private addresses are often seen as enhancing network security for the internal network since use of private addresses internally makes it difficult for an external host to initiate a connection to an internal system.

2-12-0

Under the Whyte notation for the classification of steam locomotives, 2-12-0 represents the wheel arrangement of two leading wheels on one axle (usually - Under the Whyte notation for the classification of steam locomotives, 2-12-0 represents the wheel arrangement of two leading wheels on one axle (usually in a leading truck), twelve powered and coupled driving wheels on six axles, and no trailing wheels.

0.0.0.0

(IPv4) address 0.0.0.0 can have multiple uses. IANA, who allocate IP addresses globally, have allocated the single IP address 0.0.0.0 to RFC 1122 section - The Internet Protocol Version 4 (IPv4) address 0.0.0.0 can have multiple uses.

0

question marks, boxes, or other symbols. 0 (zero) is a number representing an empty quantity. Adding (or subtracting) 0 to any number leaves that number unchanged; - 0 (zero) is a number representing an empty

quantity. Adding (or subtracting) 0 to any number leaves that number unchanged; in mathematical terminology, 0 is the additive identity of the integers, rational numbers, real numbers, and complex numbers, as well as other algebraic structures. Multiplying any number by 0 results in 0, and consequently division by zero has no meaning in arithmetic.

As a numerical digit, 0 plays a crucial role in decimal notation: it indicates that the power of ten corresponding to the place containing a 0 does not contribute to the total. For example, "205" in decimal means two hundreds, no tens, and five ones. The same principle applies in place-value notations that uses a base other than ten, such as binary and hexadecimal. The modern use of 0 in this manner derives from Indian mathematics that was transmitted to Europe via medieval Islamic mathematicians and popularized by Fibonacci. It was independently used by the Maya.

Common names for the number 0 in English include zero, nought, naught (), and nil. In contexts where at least one adjacent digit distinguishes it from the letter O, the number is sometimes pronounced as oh or o (). Informal or slang terms for 0 include zilch and zip. Historically, ought, aught (), and cipher have also been used.

Linux kernel

compiled on a computer running the Linux kernel. When Torvalds released version 0.12 in February 1992, he adopted the GNU General Public License version 2 (GPLv2) - The Linux kernel is a free and open-source Unix-like kernel that is used in many computer systems worldwide. The kernel was created by Linus Torvalds in 1991 and was soon adopted as the kernel for the GNU operating system (OS) which was created to be a free replacement for Unix. Since the late 1990s, it has been included in many operating system distributions, many of which are called Linux. One such Linux kernel operating system is Android which is used in many mobile and embedded devices.

Most of the kernel code is written in C as supported by the GNU Compiler Collection (GCC) which has extensions beyond standard C. The code also contains assembly code for architecture-specific logic such as optimizing memory use and task execution. The kernel has a modular design such that modules can be integrated as software components – including dynamically loaded. The kernel is monolithic in an architectural sense since the entire OS kernel runs in kernel space.

Linux is provided under the GNU General Public License version 2, although it contains files under other compatible licenses.

Mk 12 Special Purpose Rifle

The United States Navy Mk 12 MOD 0/1/H Special Purpose Rifle (SPR) is a designated marksman rifle that was in service with United States Special Operations - The United States Navy Mk 12 MOD 0/1/H Special Purpose Rifle (SPR) is a designated marksman rifle that was in service with United States Special Operations Forces in the designated marksman role until 2017, also designed to be shorter than standard weapons. SPR initially stood for Special Purpose Receiver as it referred to an add-on upper receiver assembly (part of the proposed SOPMOD upgrades), but that nomenclature changed to Special Purpose Rifle as the weapon became a stand-alone weapons system.

The SPR was eventually type-classified by the U.S. Navy as the Mk 12. The weapon was developed by the Naval Surface Warfare Center Crane Division for US military special operations units.

The rifle is designed to fire semi-automatically, although it has the option to fire in full auto in case of emergencies.

USS O-12

USS O-12 (SS-73) was an O-class submarine of the United States Navy. These later O-boats, O-11 through O-16, were designed by Lake Torpedo Boat to different - USS O-12 (SS-73) was an O-class submarine of the United States Navy. These later O-boats, O-11 through O-16, were designed by Lake Torpedo Boat to different specifications than the earlier Electric Boat designs. They performed poorly as compared to the Electric Boat units, and are sometimes considered a separate class. The ship was launched in 1917 and entered service with the Navy in 1918 in the Panama Canal Zone.

Taken out of service by the US Navy in 1924, the submarine was leased for use in Arctic exploration in 1930 sponsored by William Randolph Hearst. Renamed Nautilus, the submarine suffered significant damage while exploring the Arctic in 1931 and having recorded significant data while there, Hearst considered the venture a failure. Having returned to Norway to repair the damage, the submarine was returned to the United States Navy there, and they had the submarine towed down a fjord and scuttled in November 1931.

Unicode

Standard, Version 12.0.0. Mountain View, California: The Unicode Consortium. 2019-03-05. ISBN 978-1-936213-22-1. "Unicode Version 12.1 released in support - Unicode (also known as The Unicode Standard and TUS) is a character encoding standard maintained by the Unicode Consortium designed to support the use of text in all of the world's writing systems that can be digitized. Version 16.0 defines 154,998 characters and 168 scripts used in various ordinary, literary, academic, and technical contexts.

Unicode has largely supplanted the previous environment of myriad incompatible character sets used within different locales and on different computer architectures. The entire repertoire of these sets, plus many additional characters, were merged into the single Unicode set. Unicode is used to encode the vast majority of text on the Internet, including most web pages, and relevant Unicode support has become a common consideration in contemporary software development. Unicode is ultimately capable of encoding more than 1.1 million characters.

The Unicode character repertoire is synchronized with ISO/IEC 10646, each being code-for-code identical with one another. However, The Unicode Standard is more than just a repertoire within which characters are assigned. To aid developers and designers, the standard also provides charts and reference data, as well as annexes explaining concepts germane to various scripts, providing guidance for their implementation. Topics covered by these annexes include character normalization, character composition and decomposition, collation, and directionality.

Unicode encodes 3,790 emoji, with the continued development thereof conducted by the Consortium as a part of the standard. The widespread adoption of Unicode was in large part responsible for the initial popularization of emoji outside of Japan.

Unicode text is processed and stored as binary data using one of several encodings, which define how to translate the standard's abstracted codes for characters into sequences of bytes. The Unicode Standard itself defines three encodings: UTF-8, UTF-16, and UTF-32, though several others exist. UTF-8 is the most widely used by a large margin, in part due to its backwards-compatibility with ASCII.

Food

vric - Food is any substance consumed by an organism for nutritional support. Food is usually of plant, animal, or fungal origin and contains essential nutrients such as carbohydrates, fats, proteins, vitamins, or minerals. The substance is ingested by an organism and assimilated by the organism's cells to provide energy, maintain life, or stimulate growth. Different species of animals have different feeding behaviours that satisfy the needs of their metabolisms and have evolved to fill a specific ecological niche within specific geographical contexts.

Omnivorous humans are highly adaptable and have adapted to obtaining food in many different ecosystems. Humans generally use cooking to prepare food for consumption. The majority of the food energy required is supplied by the industrial food industry, which produces food through intensive agriculture and distributes it through complex food processing and food distribution systems. This system of conventional agriculture relies heavily on fossil fuels, which means that the food and agricultural systems are one of the major contributors to climate change, accounting for as much as 37% of total greenhouse gas emissions.

The food system has a significant impact on a wide range of other social and political issues, including sustainability, biological diversity, economics, population growth, water supply, and food security. Food safety and security are monitored by international agencies, like the International Association for Food Protection, the World Resources Institute, the World Food Programme, the Food and Agriculture Organization, and the International Food Information Council.

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