What The Heck Is EOS

Canon RF lens mount

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The Canon RF lens mount is an interchangeable-lens mount developed by Canon for its full-frame mirrorless interchangeable-lens cameras, and featured first by the EOS R, followed by the EOS RP. The RF mount was announced in September 2018. In May 2022, Canon announced APS-C EOS R cameras (the EOS R10 and EOS R7) and RF-S lenses designed for these cameras.

The RF mount allows for the use of Canon EF and EF-S mount lenses using one of three Canon-made lens adapters. When an RF-S or EF-S lens is attached, however, the camera will only function as an APS-C camera, not a full-frame camera.

The "RF" retroactively stands for "Re-Imagined Focus".

American Geophysical Union

2018, it had 62,000 members from 137 countries. AGU publishes the online magazine Eos and more than twenty peer-reviewed scientific journals: AGU Advances

The American Geophysical Union (AGU) is a 501(c)(3) nonprofit organization of Earth, atmospheric, ocean, hydrologic, space, and planetary scientists and enthusiasts that according to their website includes 130,000 people (not members). AGU's activities are focused on the organization and dissemination of scientific information in the interdisciplinary and international fields within the Earth and space sciences. The geophysical sciences involve four fundamental areas: atmospheric and ocean sciences; solid-Earth sciences; hydrologic sciences; and space sciences. The organization's headquarters is located on Florida Avenue in Washington, D.C.

Crosswordese

puzzle setters love". The Guardian. Retrieved February 24, 2023. Amlen, Deb (22 April 2019). "What the Heck Is That?: Ars". The New York Times. Retrieved

Crosswordese is the group of words frequently found in US crossword puzzles but seldom found in everyday conversation. The words are usually short, three to five letters, with letter combinations which crossword constructors find useful in the creation of crossword puzzles, such as words that start or end with vowels (or both), abbreviations consisting entirely of consonants, unusual combinations of letters, and words consisting almost entirely of frequently used letters. Such words are needed in almost every puzzle to some extent. Too much crosswordese in a crossword puzzle is frowned upon by crossword-makers and crossword enthusiasts.

Knowing the language of "crosswordese" is helpful to constructors and solvers alike. According to Marc Romano, "to do well solving crosswords, you absolutely need to keep a running mental list of 'crosswordese', the set of recurring words that constructors reach for whenever they are heading for trouble in a particular section of the grid".

The popularity of individual words and names of crosswordese, and the way they are clued, changes over time. For instance, ITO was occasionally clued in the 1980s and 1990s in reference to dancer Michio It? and actor Robert Ito, then boomed in the late 1990s and 2000s when judge Lance Ito was a household name, and has since fallen somewhat, and when it appears today, the clue typically references figure skater Midori Ito or

uses the partial phrase "I to" (as in ["How was ___ know?"]).

Windows 10

mobile. Heck, it makes the Xbox One a more useful machine." On the other hand Ars Technica panned the new Tablet mode interface for removing the charms

Windows 10 is a major release of Microsoft's Windows NT operating system. The successor to Windows 8.1, it was released to manufacturing on July 15, 2015, and later to retail on July 29, 2015. Windows 10 was made available for download via MSDN and TechNet, as a free upgrade for retail copies of Windows 8 and Windows 8.1 users via the Microsoft Store, and to Windows 7 users via Windows Update. Unlike previous Windows NT releases, Windows 10 receives new builds on an ongoing basis, which are available at no additional cost to users; devices in enterprise environments can alternatively use long-term support milestones that only receive critical updates, such as security patches. It was succeeded by Windows 11, which was released on October 5, 2021.

In contrast to the tablet-oriented approach of Windows 8, Microsoft provided the desktop-oriented interface in line with previous versions of Windows in Windows 10. Other features added include Xbox Live integration, Cortana virtual assistant, virtual desktops and the improved Settings component. Windows 10 also replaced Internet Explorer with Microsoft Edge. As with previous versions, Windows 10 has been developed primarily for x86 processors; in 2018, a version of Windows 10 for ARM processors was released.

Windows 10 received generally positive reviews upon its original release, with praise given to the return of the desktop interface, improved bundled software compared to Windows 8.1, and other capabilities. However, media outlets had been critical to behavioral changes of the system like mandatory update installation, privacy concerns over data collection and adware-like tactics used to promote the operating system on its release. Microsoft initially aimed to have Windows 10 installed on over one billion devices within three years of its release; that goal was ultimately reached almost five years after release on March 16, 2020, and it had surpassed Windows 7 as the most popular version of Windows worldwide by January 2018, which remained the case until Windows 11 taking the top spot in June 2025. As of August 2025, Windows 10 is the second most used version of Windows, accounting for 43% of the worldwide market share, while its successor Windows 11, holds 53%. Windows 10 is the second-most-used traditional PC operating system, with a 31% share of users.

Windows 10 is the last version of Microsoft Windows that supports 32-bit processors (IA-32 and ARMv7-based) and the last major version to support 64-bit processors that don't meet the x86-x64-v2 (i.e., having POPCNT and SSE4.2) or ARMv8.1 specifications, across all minor versions. It's also the last version to officially: lack a CPU model check before installation (with a whitelist), support BIOS firmware, and support systems with TPM 1.2 or no TPM at all. Support for Windows 10 editions which are not in the Long-Term Servicing Channel (LTSC) is set to end on October 14, 2025.

Helium Network

Retrieved December 25, 2023. Tofel, Kevin C. (August 31, 2022). "What the heck is this Helium 5G network?". Stacey on IoT | Internet of Things news and

The Helium Network is a wireless system composed of two distinct networks: one for Internet of things (IoT) devices using LoRaWAN and another for mobile phone coverage using Wi-Fi hotspots.

Both the IoT and Mobile networks are tied to the cryptocurrency Helium Network Token (symbol HNT). Nodes on the networks may be owned and placed by individuals in places like homes or offices, and owners of nodes are rewarded for their participation in the networks in payments of HNT.

Nova Labs plays a central role in its development and operation, alongside the nonprofit Helium Foundation. Amir Haleem is the founder and CEO of Nova Labs.

List of ITV Studios programmes

Daughter of the Bride (2008) What Color is Love? (2009) Diverted (2009) Storm Seekers (2009) Hallmark Heroes with Regis Philbin (2008) Billy the Kid: New

This is a list of programmes produced or distributed by ITV Studios, the television production company owned by the British television broadcaster ITV plc. This list includes shows from the American division with labels Tomorrow Studios and Leftfield Pictures among others and the UK division with Potato and 12 Yard.

101955 Bennu

Kimberly M.S. Cartier, EOS Planetary Sciences. 21 March 2019. "In terms of spectra and minerology, Bennu's rocks 'look a lot like the rarest, most fragile

101955 Bennu (provisional designation 1999 RQ36) is a carbonaceous asteroid in the Apollo group discovered by the LINEAR Project on 11 September 1999. It is a potentially hazardous object that is listed on the Sentry Risk Table and has the second highest cumulative rating on the Palermo scale. It has a cumulative 1-in-1,750 chance of impacting Earth between 2178 and 2290 with the greatest risk being on 24 September 2182. It is named after Bennu, the ancient Egyptian mythological bird associated with the Sun, creation, and rebirth.

101955 Bennu has a mean diameter of 490 m (1,610 ft; 0.30 mi) and has been observed extensively by the Arecibo Observatory planetary radar and the Goldstone Deep Space Network.

Bennu was the target of the OSIRIS-REx mission that returned samples of the asteroid to Earth. The spacecraft, launched in September 2016, arrived at the asteroid two years later and mapped its surface in detail, seeking potential sample collection sites. Analysis of the orbits allowed calculation of Bennu's mass and its distribution. In October 2020, OSIRIS-REx briefly touched down and collected a sample of the asteroid's surface. A capsule containing the sample was returned and landed on Earth in September 2023, with distribution and analysis of the sample ongoing. On 15 May 2024, an overview of preliminary analytical studies on the returned samples was reported.

Green fluorescent protein

from Aequorea victoria. These include dsRed, eqFP611, Dronpa, TagRFPs, KFP, EosFP/IrisFP, Dendra, and so on. Having been developed from proteins in different

The green fluorescent protein (GFP) is a protein that exhibits green fluorescence when exposed to light in the blue to ultraviolet range. The label GFP traditionally refers to the protein first isolated from the jellyfish Aequorea victoria and is sometimes called avGFP. However, GFPs have been found in other organisms including corals, sea anemones, zoanithids, copepods and lancelets.

The GFP from A. victoria has a major excitation peak at a wavelength of 395 nm and a minor one at 475 nm. Its emission peak is at 509 nm, which is in the lower green portion of the visible spectrum. The fluorescence quantum yield (QY) of GFP is 0.79. The GFP from the sea pansy (Renilla reniformis) has a single major excitation peak at 498 nm. GFP makes for an excellent tool in many forms of biology due to its ability to form an internal chromophore without requiring any accessory cofactors, gene products, or enzymes / substrates other than molecular oxygen.

In cell and molecular biology, the GFP gene is frequently used as a reporter of expression. It has been used in modified forms to make biosensors, and many animals have been created that express GFP, which demonstrates a proof of concept that a gene can be expressed throughout a given organism, in selected organs, or in cells of interest. GFP can be introduced into animals or other species through transgenic techniques, and maintained in their genome and that of their offspring. GFP has been expressed in many species, including bacteria, yeasts, fungi, fish and mammals, including in human cells. Scientists Roger Y. Tsien, Osamu Shimomura, and Martin Chalfie were awarded the 2008 Nobel Prize in Chemistry on 10 October 2008 for their discovery and development of the green fluorescent protein.

Most commercially available genes for GFP and similar fluorescent proteins are around 730 base-pairs long. The natural protein has 238 amino acids. Its molecular mass is 27 kD. Therefore, fusing the GFP gene to the gene of a protein of interest can significantly increase the protein's size and molecular mass, and can impair the protein's natural function or change its location or trajectory of transport within the cell.

Cold seep

the hydraulic theory. Springer, 278 pp. ISBN 978-1-4020-8461-4. Pages 204-205. Paull; Hecker; Commeau; et al. (1984). "Biological communities at the Florida

A cold seep (sometimes called a cold vent) is an area of the ocean floor where seepage of fluids rich in hydrogen sulfide, methane, and other hydrocarbons occurs, often in the form of a brine pool. Cold does not mean that the temperature of the seepage is lower than that of the surrounding sea water; on the contrary, its temperature is often slightly higher. The "cold" is relative to the very warm (at least 60 °C or 140 °F) conditions of a hydrothermal vent. Cold seeps constitute a biome supporting several endemic species.

Cold seeps develop unique topography over time, where reactions between methane and seawater create carbonate rock formations and reefs. These reactions may also be dependent on bacterial activity. Ikaite, a hydrous calcium carbonate, can be associated with oxidizing methane at cold seeps.

List of Electronic Arts games: 1983–1999

Reviews Archived 2012-03-02 at the Wayback Machine Golden Nugget 64 (N64) Rose, Mike (May 1, 2013). "What the heck is Bullfrog's Theme Aquarium?". Gamasutra

This is a list of video games published or developed by Electronic Arts. Since 1983 and the 1987 release of its Skate or Die!, it has respectively published and developed games, bundles, as well as a handful of earlier productivity software. Only versions of games developed or published by EA, as well as those versions' years of release, are listed.

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