

C D C

Operators in C and C++

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This is a list of operators in the C and C++ programming languages.

All listed operators are in C++ and lacking indication otherwise, in C as well. Some tables include a "In C" column that indicates whether an operator is also in C. Note that C does not support operator overloading.

When not overloaded, for the operators &&, ||, and , (the comma operator), there is a sequence point after the evaluation of the first operand.

Most of the operators available in C and C++ are also available in other C-family languages such as C#, D, Java, Perl, and PHP with the same precedence, associativity, and semantics.

Many operators specified by a sequence of symbols are commonly referred to by a name that consists of the name of each symbol. For example, += and -= are often called "plus equal(s)" and "minus equal(s)", instead of the more verbose "assignment by addition" and "assignment by subtraction".

C++

distributed computing. Remembering his PhD experience, Stroustrup set out to enhance the C language with Simula-like features. C was chosen because it was general-purpose

C++ is a high-level, general-purpose programming language created by Danish computer scientist Bjarne Stroustrup. First released in 1985 as an extension of the C programming language, adding object-oriented (OOP) features, it has since expanded significantly over time adding more OOP and other features; as of 1997/C++98 standardization, C++ has added functional features, in addition to facilities for low-level memory manipulation for systems like microcomputers or to make operating systems like Linux or Windows, and even later came features like generic programming (through the use of templates). C++ is usually implemented as a compiled language, and many vendors provide C++ compilers, including the Free Software Foundation, LLVM, Microsoft, Intel, Embarcadero, Oracle, and IBM.

C++ was designed with systems programming and embedded, resource-constrained software and large systems in mind, with performance, efficiency, and flexibility of use as its design highlights. C++ has also been found useful in many other contexts, with key strengths being software infrastructure and resource-constrained applications, including desktop applications, video games, servers (e.g., e-commerce, web search, or databases), and performance-critical applications (e.g., telephone switches or space probes).

C++ is standardized by the International Organization for Standardization (ISO), with the latest standard version ratified and published by ISO in October 2024 as ISO/IEC 14882:2024 (informally known as C++23). The C++ programming language was initially standardized in 1998 as ISO/IEC 14882:1998, which was then amended by the C++03, C++11, C++14, C++17, and C++20 standards. The current C++23 standard supersedes these with new features and an enlarged standard library. Before the initial standardization in 1998, C++ was developed by Stroustrup at Bell Labs since 1979 as an extension of the C language; he wanted an efficient and flexible language similar to C that also provided high-level features for program organization. Since 2012, C++ has been on a three-year release schedule with C++26 as the next planned standard.

Despite its widespread adoption, some notable programmers have criticized the C++ language, including Linus Torvalds, Richard Stallman, Joshua Bloch, Ken Thompson, and Donald Knuth.

D&C

Look up D&C in Wiktionary, the free dictionary. D&C or D and C or variant, may refer to: Dilation and curettage, a medical procedure involving the dilation

D&C or D and C or variant, may refer to:

Dilation and curettage, a medical procedure involving the dilation of the cervix to remove uterine contents

Divide and conquer algorithm, a strategy for dynamic programming

Doctrine and Covenants, part of the scripture of the Latter Day Saint movement

Drill & Ceremony, a term used in the U.S. Army for a method that enables leaders to direct the movement of soldiers in an orderly manner.

Dennis and Callahan, an American morning radio show

Democrat and Chronicle, a Rochester, New York, daily newspaper

C&D

Look up c&d in Wiktionary, the free dictionary. C&D or C and D or variation, may refer to: Cease and desist, an order to stop an activity C&D (Créativité

C&D or C and D or variation, may refer to:

Cease and desist, an order to stop an activity

C&D (Créativité et Développement), French-Japanese animation firm started by Jean Chalopin, DIC Entertainment's founder

C&D Aerospace, part of the French corporation Zodiac Aerospace

C&D Canal, a ship canal connecting the Delaware River with Chesapeake Bay in the United States

C&D International Plaza, the tallest building in Xiamen, China as of 2013

C&D waste, waste from construction and demolition, also known as SMC

Car and Driver, a U.S. automotive magazine

C and D -class destroyer, British Royal Navy interwar destroyers

Construction and demolition

C&D, a company founded in 1984, also called Calvin & Daniel

D. C. Stephenson

as a politically savvy, but unstable ally of Adolf Hitler. Indiana Klan "D. C. Stephenson Collection, 1922–1978" (PDF). Indiana Historical Society. Archived

David Curtis "Steve" Stephenson (August 21, 1891 – June 28, 1966) was an American Ku Klux Klan leader, convicted rapist and murderer. In 1923, he was appointed Grand Dragon of the Indiana Klan and head of Klan recruiting for seven other states. Later that year, he led those groups to independence from the national KKK organization. Amassing wealth and political power in Indiana politics, he was one of the most prominent national Klan leaders. He had close relationships with numerous Indiana politicians, especially Governor Edward L. Jackson.

In *Stephenson v. State* (1925), Stephenson was tried for and convicted of the abduction, rape, and murder of Madge Oberholtzer, a state education official. His trial, conviction, and imprisonment were a severe blow to the public perception of Klan leaders as law abiding. The case destroyed the Klan as a political force in Indiana, and significantly damaged its standing nationally. Denied a pardon by Governor Jackson, in 1927, he started talking with reporters for the *Indianapolis Times* and released a list of elected and other officials who had been in the pay of the Klan. This led to a wave of indictments in Indiana, more national scandals, the rapid loss of tens of thousands of members, and the end of the second wave of Klan activity in the late 1920s.

Stephenson served a total of 31 years in prison for Oberholtzer's murder and for violating his parole after being released. His burial in USVA Mountain Home National Cemetery in Johnson City, Tennessee, led to Congress passing restrictions barring serious sex offenders or those convicted of capital crimes from burial in veterans' cemeteries.

C. D. Darlington

Geneticists: J.B.S. Haldane and C.D. Darlington Archived from the original on 26 April 2004. Retrieved 24 May 2023. Works by or about C. D. Darlington at the Internet

Cyril Dean Darlington (19 December 1903 – 26 March 1981) was an English biologist, cytologist, geneticist, and eugenicist. He discovered the mechanics of chromosomal crossover, its role in inheritance, and thus its importance to evolution. He was the Sherardian Professor of Botany at the University of Oxford from 1953 to 1971.

Darlington's research on genetics contributed to the modern evolutionary synthesis in the 20th century. However, many of his views are controversial; Darlington was listed in 1999 by the Southern Poverty Law Center as an example of a prominent race scientist who espoused antisemitism, eugenics, racism, and social Darwinism.

Ç

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Ç or ç (C-cedilla) is a Latin script letter used in the Albanian, Azerbaijani, Manx, Tatar, Turkish, Turkmen, Kurdish, Kazakh, and Romance alphabets. Romance languages that use this letter include Catalan, French, Portuguese, and Occitan, as a variant of the letter C with a cedilla. It is also occasionally used in Crimean Tatar and in Tajik (when written in the Latin script) to represent the /dʒ/ sound. It is rarely used in Balinese, usually only in the word "Çaka" during Nyepi, one of the Balinese Hinduism holidays. It is often retained in the spelling of loanwords from any of these languages in English, Basque, Dutch, Spanish and other languages using the Latin alphabet.

It was first used for the sound of the voiceless alveolar affricate /tʃ/ in Old Spanish and stems from the Visigothic form of the letter z (ʒ). The phoneme originated in Vulgar Latin from the palatalization of the plosives /t/ and /k/ in some conditions. Later, /tʃ/ changed into /s/ in many Romance languages and dialects. Spanish has not used the symbol since an orthographic reform in the 18th century (which replaced ç with the z, which has now been devoiced into /ʃ/ or /s/), but it was adopted for writing other languages.

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