# Skill 1

## Solidity

Programming language

Solidity is an object-oriented programming language for implementing smart contracts on various blockchain platforms, most notably, Ethereum. Solidity is licensed under GNU General Public License v3.0. [Wikipedia](https://en.wikipedia.org/wiki/Solidity)

[**Designed by**](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=solidity+designed+by&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0Q6BMoAHoECEMQAg)**:**[Gavin Wood](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=Gavin+Wood&stick=H4sIAAAAAAAAAONgVuLVT9c3NEwzKonPLTQrWMTK5Z5YlpmnEJ6fnwIAw0JlVx4AAAA&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0QmxMoAXoECEMQAw)

[**Developer**](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=solidity+developer&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0Q6BMoAHoECEQQAg)**:**[Christian Reitwiessner](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=Christian+Reitwiessner&stick=H4sIAAAAAAAAAONgVuLVT9c3NCxIs0gxySs3WMQq5pxRlFlckpmYpxCUmllSnplaXJyXWgQAbu5rLyoAAAA&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0QmxMoAXoECEQQAw), [Alex Beregszaszi](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=Alex+Beregszaszi&stick=H4sIAAAAAAAAAONgVuLVT9c3NEwzqMwrMYzPXcQq4JiTWqHglFqUml5clVhclQkAQlSlaiQAAAA&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0QmxMoAnoECEQQBA), and several former [Ethereum](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=Ethereum&stick=H4sIAAAAAAAAAONgVuLWz9U3MDSwSMozqljEyuFakpFalFqaCwDNGLxLGgAAAA&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0QmxMoA3oECEQQBQ) core contributors

[**First appeared**](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=solidity+first+appeared&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0Q6BMoAHoECEIQAg)**:**August 2014

[**Implementation language**](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=solidity+implementation+language&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0Q6BMoAHoECGAQAg)**:**[C++](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=C%2B%2B&stick=H4sIAAAAAAAAAONgVuLQz9U3yEovTF_EyuysrQ0Ave2bGhIAAAA&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0QmxMoAXoECGAQAw)

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[**Paradigm**](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=solidity+paradigm&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0Q6BMoAHoECF0QAg)**:**Object-oriented

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdc337XIaSvuForchhhDaqeYCmCLWw:1687785871036&q=solidity+stable+release&sa=X&ved=2ahUKEwjO2rKqhOH_AhXpiP0HHTFZCF0Q6BMoAHoECEEQAg)**:**0.4.21 / 8 March 2018; 5 years ago

## Web3

Web3 is an idea for a new iteration of the World Wide Web which incorporates concepts such as decentralization, blockchain technologies, and token-based economics. [Wikipedia](https://en.wikipedia.org/wiki/Web3)

Web3 is often described as a series of open-source and interconnected decentralized applications powered by blockchain computing architecture. It is not synonymous with the Metaverse, which is an equally open-source environment for virtual reality.Mar 10, 2023

## Blockchain

Blockchain is a method of recording information that makes it impossible or difficult for the system to be changed, hacked, or manipulated. A blockchain is a distributed ledger that duplicates and distributes transactions across the network of computers participating in the blockchain. May 8, 2023

**Blockchain** is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network.

## C

Computer programming language

C is a general-purpose computer programming language. It was created in the 1970s by Dennis Ritchie, and remains very widely used and influential. By design, C's features cleanly reflect the capabilities of the targeted CPUs. [Wikipedia](https://en.wikipedia.org/wiki/C_(programming_language))

[**Designed by**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=c+designed+by&stick=H4sIAAAAAAAAAOPgE-LQz9U3MCwxS9IyyCi30k_Oz8lJTS7JzM_TLyjKTy9KzM3NzEuPz0nMSy9NTE8ttkpJLc5Mz0tNUUiqXMTKm6yAxAcA7AxVcU4AAAA&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0Q6BMoAHoECGIQAg)**:**[Dennis Ritchie](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=Dennis+Ritchie&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMpLSxavSyR8fyt975FrbcDMXXBkvL0p3C2DuCv5TvE1t1uFpqP8fPv_vAq31uVD4KDbLT6gUpYEwwI1j64-HAIQzAY9EYLZltDDbQkEGgmnpyHVkgOg-KK5EHAnTiILRv7UcZJ3tOKQxXr8yjNRlmyQSa2rx&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0QmxMoAXoECGIQAw)

[**First appeared**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=c+first+appeared&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0Q6BMoAHoECE4QAg)**:**1972; 51 years ago

[**Paradigm**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=c+paradigm&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0Q6BMoAHoECEoQAg)**:**Multi-paradigm: imperative ([procedural](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=procedural&stick=H4sIAAAAAAAAAONgVuLQz9U3MK1MMV3EylVQlJ-cmlJalJgDALjP2iIZAAAA&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0QmxMoAXoECEoQAw)), structured

[**Preview release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=c+preview+release&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0Q6BMoAHoECGMQAg)**:**[C23](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=C23&stick=H4sIAAAAAAAAAONgVuLVT9c3NMwwycvIKjAyX8TK7GxkDABYtUhOFwAAAA&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0QmxMoAXoECGMQAw) (N3088) / January 24, 2023; 4 months ago

[**Stable release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=c+stable+release&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0Q6BMoAHoECGcQAg)**:**[C17](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=C17&stick=H4sIAAAAAAAAAONgVuLVT9c3NEzPjjcyT0oxX8TK7GxoDgC1Fm5SFwAAAA&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0QmxMoAXoECGcQAw) / June 2018; 5 years ago

[**Typing discipline**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=c+typing+discipline&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0Q6BMoAHoECE8QAg)**:**Static, weak, [manifest](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdeHDdwS0jCrNlWL6A8_5hOARDANMA:1687785984073&q=manifest&stick=H4sIAAAAAAAAAONgVuLSz9U3MDEvMC5PX8TKkZuYl5mWWlwCAO_0SYoZAAAA&sa=X&ved=2ahUKEwjP46XghOH_AhWPiv0HHW0PBv0QmxMoAXoECE8QAw), nomina

## C++

High-level programming language

C++ is a high-level, general-purpose programming language created by Danish computer scientist Bjarne Stroustrup. [Wikipedia](https://en.wikipedia.org/wiki/C%2B%2B)

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[**Filename extensions**](https://www.google.com/search?sxsrf=APwXEdfNxCqDPEYqKupwfrz3raeuXW9dcw:1687786135531&q=c%2B%2B+filename+extensions&sa=X&ved=2ahUKEwiVk8KoheH_AhVZhf0HHUuHCf0Q6BMoAHoECEsQAg)**:**C,.cc,.cpp,.cxx,.c++,.h,.H,.hh,.hpp,.hxx,.h++

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[**Paradigms**](https://www.google.com/search?sxsrf=APwXEdfNxCqDPEYqKupwfrz3raeuXW9dcw:1687786135531&q=c%2B%2B+paradigms&sa=X&ved=2ahUKEwiVk8KoheH_AhVZhf0HHUuHCf0Q6BMoAHoECEkQAg)**:**Multi-paradigm: procedural, imperative, functional, object-oriented, generic, modular

[**Preview release**](https://www.google.com/search?sxsrf=APwXEdfNxCqDPEYqKupwfrz3raeuXW9dcw:1687786135531&q=c%2B%2B+preview+release&sa=X&ved=2ahUKEwiVk8KoheH_AhVZhf0HHUuHCf0Q6BMoAHoECFwQAg)**:**C++23 / 19 March 2023; 3 months ago

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdfNxCqDPEYqKupwfrz3raeuXW9dcw:1687786135531&q=c%2B%2B+stable+release&sa=X&ved=2ahUKEwiVk8KoheH_AhVZhf0HHUuHCf0Q6BMoAHoECEcQAg)**:**C++20 (ISO/IEC 14882:2020) / 15 December 2020; 2 years ago

## C#

High-level programming language

C# is a general-purpose high-level programming language supporting multiple paradigms. C# encompasses static typing, strong typing, lexically scoped, imperative, declarative, functional, generic, object-oriented, and component-oriented programming disciplines. [Wikipedia](https://en.wikipedia.org/wiki/C_Sharp_(programming_language))

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[**Platform**](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=c%23+platform&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQ6BMoAHoECEYQAg)**:**[Common Language Infrastructure](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=Common+Language+Infrastructure&stick=H4sIAAAAAAAAAONgVuLQz9U3MDIsM1rEKuecn5ubn6fgk5iXXpqYnqrgmZdWlFhcUlSaXFJalAoA_lWTNS0AAAA&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQmxMoAXoECEYQAw)

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=c%23+stable+release&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQ6BMoAHoECEgQAg)**:**11.0 / 8 November 2022; 7 months ago

[**Typing discipline**](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=c%23+typing+discipline&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQ6BMoAHoECEEQAg)**:**Static, dynamic, [strong](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=strong&stick=H4sIAAAAAAAAAONgVuLWT9c3NDLIqEoqq1jEylZcUpSflw4An0l11RgAAAA&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQmxMoAXoECEEQAw), [safe](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=safe&stick=H4sIAAAAAAAAAONgVuLUz9U3MCrLyC5ZxMpSnJiWCgBKYBAiFAAAAA&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQmxMoAnoECEEQBA), nominative, partially [inferred](https://www.google.com/search?sxsrf=APwXEdfawRChry-tbUV7jNbqbA4M0tzMMQ:1687786159559&q=inferred&stick=H4sIAAAAAAAAAONgVuLUz9U3MCzIM0paxMqRmZeWWlSUmgIAd-FDpRgAAAA&sa=X&ved=2ahUKEwiv1vyzheH_AhXg-LsIHTWpAoEQmxMoA3oECEEQBQ)

## .NET Framework

Software

The .NET Framework is a proprietary software framework developed by Microsoft that runs primarily on Microsoft Windows. It was the predominant implementation of the Common Language Infrastructure until being superseded by the cross-platform .NET project. [Wikipedia](https://en.wikipedia.org/wiki/.NET_Framework)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=.net+framework+developers&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQ6BMoAHoECFUQAg)**:**[Microsoft](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=Microsoft&stick=H4sIAAAAAAAAAONgVuLVT9c3NEyyMDKpMiusWsTK6ZuZXJRfnJ9WAgAZRPhzHQAAAA&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQmxMoAXoECFUQAw)

[**Platform**](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=.net+framework+platform&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQ6BMoAHoECFEQAg)**:**[IA-32](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=IA-32&stick=H4sIAAAAAAAAAONgVuLQz9U3MC7PNV3EyurpqGtsBABNTlhQFAAAAA&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQmxMoAXoECFEQAw), [x86-64](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=x86-64&stick=H4sIAAAAAAAAAONgVuLUz9U3MMxOya1cxMpWYWGma2YCAH_jgUQWAAAA&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQmxMoAnoECFEQBA), and ARM

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=.net+framework+initial+release&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQ6BMoAHoECFAQAg)**:**February 13, 2002; 21 years ago

[**Successor**](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=.net+framework+successor&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQ6BMoAHoECFQQAg)**:**[.NET](https://www.google.com/search?sxsrf=APwXEdeqvdxuW-BsFvABnFdRs6eAQbwC4w:1687785828954&q=.NET&stick=H4sIAAAAAAAAAONgVuLVT9c3NEwyN8nJTqvIWMTKoufnGgIA4CMhgxgAAAA&sa=X&ved=2ahUKEwjPpKqWhOH_AhXO7LsIHdP_AYEQmxMoAXoECFQQAw)

## .NET (Core)

About

.NET is a free and open-source, managed computer software framework for Windows, Linux, and macOS operating systems. It is a cross-platform successor to .NET Framework. The project is mainly developed by Microsoft employees by way of the .NET Foundation, and released under an MIT License. [Wikipedia](https://en.wikipedia.org/wiki/.NET)

**Programming languages:**[C#](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=C%23&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2EleTjYsanyRSj2AlY86LssH-KnOZ2RlIjTzMHfJYku3xFZsTy4Y2knVqHn_DFXHUOUJJ6qUglB0WvRFkCf5qhUBQfiViDns9qDXW0CkV7ZO7-CNzQLuY2x_ym1vM6pEDFxkpJjBJ5aBNK7xnqKR2V2HlD9BLvDLol0K65lG1MZ47VpavxTU8NSCp1VpUSi1P-ssRzvE1g8yxBwpYE3jSjuc8Qrel5CnhaCpLNpuNSTovoihXvQZMsSKO0ot2Fv0uOk_1K4%3D&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAHoECFAQAg), [Visual Basic](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=Visual+Basic&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2K6Iv6sw9UnfcWgsh9cc4kSAct4BSO4pBS_nxKSp64F4TwsIaXiPuckkzggiG6pkCz69x3C4B8emJpZ0l4Uijwx-A1bv0SJynuBVSVmas10WmGcbH0IpD_H9WPexBeYdu2lyA2M1VpbBnLki0ottw4rrCxBJ-MQm3hB0_PTbpdkVN9EtHWCjEm2hji2WFi2LkdsfKzu7Ki-3lUT64oiZVduOBGhcxQP0zKwysEL9aeYdEYcubY_UhGsXUw7Ell_uWr0G_dU%3D&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAXoECFAQAw), [C++](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=C%2B%2B&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMg_HvG4N6KFWhSUq3aWQjjC9m5sMVQ8Q-C5djt3Yh7xAGNbdl69JAvcg8qvFrOifHN6WDrmKjIcXuSZkRuf1whGPIgtd82cP7QmRVn4FfeybSecyObZ2X3A2KXyGqlZynvGhfn1g58dDfGJhmtxTNl5zopn6sooMasrzfLPJdbj6n6mQ0Nc7AK1BxP17qLECSqa41cHOpnEtyA9uFHc8rDCriyGRxo5oq02XhEVhcwnRrlwoleeEbZs2k_RJEOYjswbtnYw%3D&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAnoECFAQBA), [F#](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=F%23&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2CsMKXs_Pva066UjnmwXE-L1IBG2ROOapvQd3UzWWkhROIgNikIHrKHsuRPi20K5aflwh63iPZA0UgFeCV8lG0q26Zb8FZ-SMm8HYcVb4h5sBqBti47CT6f2M0Lb8NuuPhBJsPzXsRHzLtMuzaM9Qm_roU16S3SxcLFKdWL4f1tGYNXZRUr_A4xXQ6KJ5Ls5ITlVvh-W1p4FBD-HjzuDtpTM-r8ugBw17pOCqj6nlaNXzau8qSYNgjaW3QKSKIrZtmLoafU%3D&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoA3oECFAQBQ)

**Initial release date:**June 27, 2016

**Developer:**[Microsoft Corporation](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=Microsoft&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMnNo1nodVv19fH5w_rFwpkmTo8ah3t7It1IF8mQKCoeOjqz5U1sUceSsg1iX-_SPo9DfrvkzXu6rqKWUQ0Q4vnUJcdK_6fvBRvkZxYcM8MkFlHcUpelxPVT0Chi8bPhfMSfkNjRzAftshFmzomJeVdJ1dcmjOXM1UgCPbYkTraRbXgsXdjJxE0UPgJBg4Az4P-aNkgix2SprwxzfssMzdyJeS84kIcabpFxqLV1yuBlKXa0vqw%3D%3D&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAHoECE8QAg), [.NET Foundation](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=.NET+Foundation&si=AMnBZoG6iZDerwjt2of0IBkAfPjfDsvc_oXI7qDU-WJ-vUKocDk30Vfq5c9eXIPsvO0tPxOdwdwK_Q5VY4_n_eEhbBSvqz8mSUiH5EmeZEgjjwHz_3Ls8WiTxv6kMcuvIgFfqrfCliMBOkqXKHLbK2c7cJHhm-8eCYGS2E0C6EcaAbX9wr8ghu7_edtkKR1MctVX90XfTB534gLFHLsobxsh4RZyYoM46ErA09C82M_p2Jr_LCEfnAkI9cDphtrwnsmtz2QU2plqy3qvYtBXaisR6dkcQ02NcUQDdIcoCpwtM2QCpUh0FgE%3D&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAXoECE8QAw)

**License:**[MIT](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=MIT&stick=H4sIAAAAAAAAAONgVuLQz9U3MCkryF3EyuzrGQIAJhrI8xIAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAHoECFEQAg)

**Operating system:**cross-platform: [Windows](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEyh6emZeSX14MAFTjqsQWAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAHoECFMQAg), [Linux](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAXoECFMQAw), [macOS](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAnoECFMQBA), [Android](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=Android&stick=H4sIAAAAAAAAAONgVuLSz9U3MCqvKEkvX8TK7piXUpSfmQIAyAsAJhgAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoA3oECFMQBQ), [iOS](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=iOS&stick=H4sIAAAAAAAAAONgVuLSz9U3MC5PyjE0WcTKnOkfDABeKS5iFAAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoBHoECFMQBg)

**Platform:**[IA-32](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=IA-32&stick=H4sIAAAAAAAAAONgVuLQz9U3MC7PNV3EyurpqGtsBABNTlhQFAAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAHoECFYQAg), [x86-64](https://www.google.com/search?sa=X&biw=1920&bih=937&sxsrf=APwXEddURA6Tg0ewW3iwBMLJpZ2Rq_pzuA:1687785386357&q=x86-64&stick=H4sIAAAAAAAAAONgVuLUz9U3MMxOya1cxMpWYWGma2YCAH_jgUQWAAAA&ved=2ahUKEwi5p6TDguH_AhXqnf0HHdXcDx8QmxMoAXoECFYQAw), s390x, ARM

**Preview release:**8.0.0-preview.5 / 13 June 2023; 12 days ago

## Python

High-level programming language

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation via the off-side rule. Python is dynamically typed and garbage-collected. [Wikipedia](https://en.wikipedia.org/wiki/Python_(programming_language))

[**Designed by**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+designed+by&stick=H4sIAAAAAAAAAOPgE-LQz9U3MK0yjNcyyCi30k_Oz8lJTS7JzM_TLyjKTy9KzM3NzEuPz0nMSy9NTE8ttkpJLc5Mz0tNUUiqXMQqVFBZkpGfp4AkCABq6cFqUwAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECEYQAg)**:**[Guido van Rossum](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=Guido+van+Rossum&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2ABAFykczvCEw4TvUp0oFvgSBOWCW7DIFX0UVEfSd93sjB5HgS9Pfqta1PyZ-dfEiTTEOfdjlhs1YJlkCL9MFvVjz48mX3HDz7euuHARn0uZGdyESsn4cXPGyBljBP42K64Bc329RqDQlGPfEKuGxAqseedtk0nyTn2NcS7f8X_yJyZC7Q%3D%3D&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoAXoECEYQAw)

[**Developer**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+developer&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECFAQAg)**:**Python Software Foundation

[**First appeared**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+first+appeared&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECE8QAg)**:**20 February 1991; 32 years ago

[**OS**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+os&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECFMQAg)**:**[Windows](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEyh6emZeSX14MAFTjqsQWAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoAXoECFMQAw), [macOS](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoAnoECFMQBA), [Linux](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoA3oECFMQBQ)/[UNIX](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=UNIX&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMoS6ucZAQAkR04VFAAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoBHoECFMQBg), [Android](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=Android&stick=H4sIAAAAAAAAAONgVuLSz9U3MCqvKEkvX8TK7piXUpSfmQIAyAsAJhgAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoBXoECFMQBw) and more

[**Paradigm**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+paradigm&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECEkQAg)**:**Multi-paradigm: object-oriented, procedural (imperative), functional, structured, reflective

[**Preview release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+preview+release&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECE4QAg)**:**3.12.0b3 / 20 June 2023; 4 days ago

[**Typing discipline**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=python+typing+discipline&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQ6BMoAHoECEsQAg)**:**[Duck](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=Duck&stick=H4sIAAAAAAAAAONgVuLUz9U3MLIosohfxMriUpqcDQDHUn2VFAAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoAXoECEsQAw), [dynamic](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=dynamic&stick=H4sIAAAAAAAAAONgVuLWT9c3NAIC47ScRazsKZV5ibmZyQBV6ma3GQAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoAnoECEsQBA), [strong typing](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=strong+typing&stick=H4sIAAAAAAAAAONgVuLWT9c3NDLIqEoqq1jEyltcUpSfl65QUlmQmZcOAOKJZmwfAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoA3oECEsQBQ); [gradual](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=gradual&stick=H4sIAAAAAAAAAONgVuLSz9U3KDc2qioyWMTKnl6UmFKamAMAieRYghgAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoBHoECEsQBg) (since 3.5, but ignored in [CPython](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdfFMteRG6WsytjNEuW6ep18PNV5vQ:1687786483720&q=CPython&stick=H4sIAAAAAAAAAONgVuLUz9U3MEuqqEhaxMruHFBZkpGfBwAQDNJrFwAAAA&sa=X&ved=2ahUKEwiNjcbOhuH_AhXbgv0HHYxaDqoQmxMoBXoECEsQBw))

## Flask

Computer program

Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions. [Wikipedia](https://en.wikipedia.org/wiki/Flask_(web_framework))

[**Programming language**](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=flask+programming+language&stick=H4sIAAAAAAAAAOPgE-LSz9U3SEkvNjcq09LJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKpWWk1icrYBNEgBbhDlYWQAAAA&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQ6BMoAHoECFIQAg)**:**[Python](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=Python&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMk0FaVPTvyGlMM3Pt9sa___ycVC4FhaVraWxAK19uH8qXsaEGis-26WjzVOhPOvha7n8hSCjMRL2IooJcIuHJtMvy8aV3lBiYXuv4TAxPZkvpCfOyBiopJJy669n0sa9CGTngBLxrhQGPDYVF7vfcbFTX4nf&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQmxMoAXoECFIQAw)

[**Developer**](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=flask+developer&stick=H4sIAAAAAAAAAOPgE-LSz9U3SEkvNjcq05LPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsTKn5aTWJytABcBAPmzVwRBAAAA&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQ6BMoAHoECGMQAg)**:**[Armin Ronacher](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=Armin+Ronacher&si=AMnBZoEZ8aFftZu792frFYrnK9KQYGXRL3UTeDeHB9-uc0sfFUCGF0Wp_R-2KEdH3DEZ13Vn52ZjZbRLZRTzla21_9cX7s2qXofQH_6KOVxC3g9v39LsCwif3IorwUqnglTgjVzaQz3t767e4IGISSYm-v8NDPd-t2q8tzzc-codZ_XADU4bYjzOe2x6X041kGWI_A8QvdNg2-shaNfAowcpJCCjlhb8Iw%3D%3D&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQmxMoAXoECGMQAw)

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=flask+initial+release&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQ6BMoAHoECGAQAg)**:**April 1, 2010; 13 years ago

[**License**](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=flask+license&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQ6BMoAHoECEwQAg)**:**BSD

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdc2vjSfWWtmdA5V8IzA3RBkufit6A:1687786797543&q=flask+stable+release&sa=X&ved=2ahUKEwj_m5jkh-H_AhVOh_0HHR9FBPkQ6BMoAHoECEoQAg)**:**2.3.2 / 1 May 2023; 54 days ago

## Django

Software

Django is a free and open-source, Python-based web framework that follows the model–template–views architectural pattern. It is maintained by the Django Software Foundation, an independent organization established in the US as a 501 non-profit. [Wikipedia](https://en.wikipedia.org/wiki/Django_(web_framework))

[**Developer**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=django+developer&stick=H4sIAAAAAAAAAOPgE-LUz9U3MKuML6zQks9OttJPzs8tKC1JLdIvzk8rKU8sSrVKSS1LzckvSC1axCqQkpWYl56vABcCAOG-qytBAAAA&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQ6BMoAHoECEkQAg)**:**[Django Software Foundation](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=Django+Software+Foundation&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQt1eNO4U6IzGgvL2ENEzHsnUjIQ9g3AwvR180oz6R9dhO8UO1fpzaZgWNclIUxInWwr7l5KpV8OXxEGi3Icofpov3q13cZnVcDTo1cN2-7E5Fp1oOP1RhoS8Q4L1Q-lyrL1atm4zE2_bo9Nho-u2ix22ngmU5dxS1DxBw0s4dPlUarcGpsNk0F0BStHCuSwFIaeSc-ks5iSKdWLNn-fuqbf7LLGFQBzsi-539JWkoWMXwDs1sIwcKPyTODi0zsF_ig4CZBE%3D&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQmxMoAXoECEkQAw), [Adrian Holovaty](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=Adrian+Holovaty&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQoA95dpR_tCipxNETkFcVNn5cMzTloXgwEJLJszQXLzZnZDeHeM1iizijSwbbQjHmJL-vCK971eJfQeK1Z4P5Sq6MoOXG5di_ZBVL5Zeb8K3IyW9mm6Pgh208AJWrOYW8BLwFxXxZAbTYXMIv66J2KgYQFA_GxqCfazn0k7JS62_YphNqe4aWlH5hVcQfNNLcIULYz-kSfy6058iCg8icSUeL5XDp7-erowJwBNohOEa0ijV2g%3D%3D&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQmxMoAnoECEkQBA), [Simon Willison](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=Simon+Willison&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQvK37NZLnJm9rOanMRMRQ3c0IshGtGVAd-1aYPFt1-U7AmdOsC-6jTCyHspREc0gCNj-uarG-YpgaLBQ8AYLvVAsrnhtaJifq9feg9ORdOEsTzNu-Xznw7rx3ExT0zwIi03OeNjmmaD3CS26jByyxyUdcqKwzCGg52-NbdtU1uF3ps7pmGQ9hURf8_UXbyBjuCRMPdT7iK3wGVJCU99-gR1H1Xf2XPlVhV0LIzJJCH7QHtqbJQ%3D%3D&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQmxMoA3oECEkQBQ), [Jacob Kaplan-Moss](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=Jacob+Kaplan-Moss&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQkW6bbctHWc-woRapIZRO6BEzCkR83Lmv0jdw0s6b9y8Y8wapf3dQtgzAL79afZB5w7w6ue5T7COiAUvgi_KPKDcYycl9ZWq_CDmBP8knyzs_Xid3Farc5jpv5Vx7j9pU9wibLNPBZ82mChY3A0UiLmHJpu9354aqx09nuEvVOQU7ud0zOy4bCqR1y_f2o6xkjviF3CEpzHvQLPg2Bc0IhFNavkWpGbcM6pTSB73bhbIfMIs0g%3D%3D&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQmxMoBHoECEkQBg)

[**Initial release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=django+initial+release&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQ6BMoAHoECFIQAg)**:**21 July 2005; 17 years ago

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[**Repository**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=django+repository&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQ6BMoAHoECE4QAg)**:**[github.com/django/django](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=github.com/django/django&stick=H4sIAAAAAAAAAONgVuLSz9U3KKosKMhNX8QqkZ5ZklGapJecn6ufkpWYl54PpQDy2gyjKQAAAA&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQmxMoAXoECE4QAw)

[**Size**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=django+size&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQ6BMoAHoECE0QAg)**:**8.9 MB

[**Stable release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=django+stable+release&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQ6BMoAHoECEoQAg)**:**4.2.1 / 3 May 2023; 52 days ago

[**Written in**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=django+written+in&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQ6BMoAHoECEQQAg)**:**[Python](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEddUtRY9NBkKua1XMtRbAPSCvXetSA:1687786816398&q=Python&stick=H4sIAAAAAAAAAONgVuLQz9U3MK0yjF_EyhZQWZKRnwcAMduHpxUAAAA&sa=X&ved=2ahUKEwj0-Jbth-H_AhV17LsIHQpfDaoQmxMoAXoECEQQAw)

## JavaScript

Programming language

JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for webpage behavior, often incorporating third-party libraries. [Wikipedia](https://en.wikipedia.org/wiki/JavaScript)

[**Designed by**](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=javascript+designed+by&stick=H4sIAAAAAAAAAOPgE-LQz9U3MCqwNNcyyCi30k_Oz8lJTS7JzM_TLyjKTy9KzM3NzEuPz0nMSy9NTE8ttkpJLc5Mz0tNUUiqXMQqlpVYllicXJRZUKKAJAEAM-1U1VcAAAA&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8Q6BMoAHoECEMQAg)**:**[Brendan Eich](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=Brendan+Eich&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2Oc9ZZ8DXTXGbPX_CGKXBr6TIIWeVt9JXsJj010jY2As5Xo5zz2ryoapc5qwEFQRDSKiactf57v2s-CgOJUg6cBSBM9iNDBdw3DDcd16uleqJS4mrR7UJV8tm0VMGKvgOUIIKZ85eLHlrXwd9SFM-0Dseumy&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8QmxMoAXoECEMQAw)

[**First appeared**](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=javascript+first+appeared&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8Q6BMoAHoECFMQAg)**:**December 4, 1995; 27 years ago

[**Paradigm**](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=javascript+paradigm&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8Q6BMoAHoECEIQAg)**:**Multi-paradigm: [event-driven](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=event-driven&stick=H4sIAAAAAAAAAONgVuLQz9U3SK_ISFnEypNalppXoptSlAmkAdrR_P0bAAAA&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8QmxMoAXoECEIQAw), functional, [imperative](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=imperative&stick=H4sIAAAAAAAAAONgVuLSz9U3ME4vNEqrWsTKlZlbkFqUWJJZlgoAU7KRQBsAAAA&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8QmxMoAnoECEIQBA), [procedural](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=procedural&stick=H4sIAAAAAAAAAONgVuLQz9U3MK1MMV3EylVQlJ-cmlJalJgDALjP2iIZAAAA&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8QmxMoA3oECEIQBQ), object-oriented programming

[**Preview release**](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=javascript+preview+release&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8Q6BMoAHoECFUQAg)**:**ECMAScript 2022 / 22 July 2021; 23 months ago

[**Stable release**](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=javascript+stable+release&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8Q6BMoAHoECFoQAg)**:**ECMAScript 2021 / June 2021; 2 years ago

[**Typing discipline**](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=javascript+typing+discipline&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8Q6BMoAHoECEUQAg)**:**[Dynamic](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=Dynamic&stick=H4sIAAAAAAAAAONgVuLWT9c3NAIC47ScRazsLpV5ibmZyQDJ09t4GQAAAA&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8QmxMoAXoECEUQAw), weak, [duck](https://www.google.com/search?sxsrf=APwXEddQs_KW1VuH58VxKcqgtpKghVN4mA:1687786216754&q=duck&stick=H4sIAAAAAAAAAONgVuLUz9U3MLIosohfxMqSUpqcDQD5_U81FAAAAA&sa=X&ved=2ahUKEwiR3J_PheH_AhX2i_0HHedtBY8QmxMoAnoECEUQBA)

## TypeScript

High-level programming language

TypeScript is a free and open-source high-level programming language developed by Microsoft that adds static typing with optional type annotations to JavaScript. It is designed for the development of large applications and transpiles to JavaScript. [Wikipedia](https://en.wikipedia.org/wiki/TypeScript)

[**Designed by**](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=typescript+designed+by&stick=H4sIAAAAAAAAAOPgE-LSz9U3yDM1yKgo0zLIKLfST87PyUlNLsnMz9MvKMpPL0rMzc3MS4_PScxLL01MTy22SkktzkzPS01RSKpcxCpWUlmQWpxclFlQooAkAQBQiH4pWQAAAA&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQ6BMoAHoECEYQAg)**:**[Microsoft Corporation](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=Microsoft&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMnNo1nodVv19fH5w_rFwpkn3HJXLiFnPuhFRg26UmeaNNW4bzmuIHK3ygDwiq2rlgP1vIPWwsLLFyXIK2osihfbBUGg8mo-jkZXDm8gQQQBitBe0Llar8pD1zMmoNcYkJvPGtNXGd5S9nAGR0XB7P_qRAZB8&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQmxMoAXoECEYQAw)

[**Filename extensions**](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=typescript+filename+extensions&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQ6BMoAHoECE4QAg)**:**ts,.tsx,.mts,.cts

[**First appeared**](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=typescript+first+appeared&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQ6BMoAHoECE8QAg)**:**1 October 2012; 10 years ago

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[**Paradigm**](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=typescript+paradigm&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQ6BMoAHoECEoQAg)**:**Multi-paradigm: functional, generic, imperative, object-oriented

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=typescript+stable+release&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQ6BMoAHoECEIQAg)**:**5.1.3 / 1 June 2023; 23 days ago

[**Typing discipline**](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=typescript+typing+discipline&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQ6BMoAHoECEMQAg)**:**[Duck](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=Duck&stick=H4sIAAAAAAAAAONgVuLUz9U3MLIosohfxMriUpqcDQDHUn2VFAAAAA&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQmxMoAXoECEMQAw), [gradual](https://www.google.com/search?sxsrf=APwXEdeK-R3fjwcv7K_9iNYDRNhTXTPlcg:1687786258245&q=gradual&stick=H4sIAAAAAAAAAONgVuLSz9U3KDc2qioyWMTKnl6UmFKamAMAieRYghgAAAA&sa=X&ved=2ahUKEwi-hYTjheH_AhU2g_0HHXk3AbIQmxMoAnoECEMQBA), structural

## HTML

The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It is often assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript. [Wikipedia](https://en.wikipedia.org/wiki/HTML)

[**Contained by**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+contained+by&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECFIQAg)**:**[Web](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=Web&stick=H4sIAAAAAAAAAONgVuLQz9U3sDCyKFvEyhyemgQAXmEREhIAAAA&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQmxMoAXoECFIQAw) browser

[**Container for**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+container+for&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECFUQAg)**:**HTML elements

[**Developed by**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+developed+by&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECFEQAg)**:**[WHATWG](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=WHATWG&stick=H4sIAAAAAAAAAONgVuLUz9U3MK0wMctexMoW7uEYEu4OAH8RVQcWAAAA&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQmxMoAXoECFEQAw)

[**Extended from**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+extended+from&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECFQQAg)**:**[SGML](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=SGML&stick=H4sIAAAAAAAAAONgVuLQz9U3MDctKl_EyhLs7usDALgIDMMTAAAA&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQmxMoAXoECFQQAw)

[**Extended to**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+extended+to&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECEsQAg)**:**[XHTML](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=XHTML&stick=H4sIAAAAAAAAAONgVuLQz9U3sDC3TFvEyhrhEeLrAwAJAgtxFAAAAA&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQmxMoAXoECEsQAw)

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+initial+release&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECEoQAg)**:**1993; 30 years ago

[**Latest release**](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=html+latest+release&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQ6BMoAHoECEwQAg)**:**[Living Standard](https://www.google.com/search?sxsrf=APwXEdd3iO84nalzVL4hWzi21NtldZ-IfA:1687786282345&q=Living+Standard&stick=H4sIAAAAAAAAAONgVuLQz9U3SDPIKlzEyu-TWZaZl64QXJKYl5JYlAIAhs9RhR4AAAA&sa=X&ved=2ahUKEwiAksPuheH_AhXQiP0HHdfFBvAQmxMoAXoECEwQAw)

## CSS

Programming language

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. [Wikipedia](https://en.wikipedia.org/wiki/CSS)

[**Filename extension**](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=css+filename+extension&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQ6BMoAHoECGgQAg)**:**css

[**Container for**](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=css+container+for&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQ6BMoAHoECGcQAg)**:**Style rules for [HTML](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=HTML&stick=H4sIAAAAAAAAAONgVuLQz9U3ME43MljEyuIR4usDAAsohqoTAAAA&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQmxMoAXoECGcQAw) elements (tags)

[**Developed by**](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=css+developed+by&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQ6BMoAHoECE4QAg)**:**[World Wide Web Consortium (W3C)](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=World+Wide+Web+Consortium+(W3C)&stick=H4sIAAAAAAAAAONgVuLQz9U3sDBKSlrEKh-eX5STohCemZKqEJ6apOCcn1ecX1SSWZqroBFu7KwJAJPmt1cuAAAA&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQmxMoAXoECE4QAw)

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=css+initial+release&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQ6BMoAHoECEkQAg)**:**17 December 1996; 26 years ago

[**Latest release**](https://www.google.com/search?sxsrf=APwXEdfmHD0I4mt5fSNtCqdN_hwPbrZoNA:1687786317827&q=css+latest+release&sa=X&ved=2ahUKEwiq0bj_heH_AhUohP0HHQpnB6oQ6BMoAHoECEgQAg)**:**CSS 2.1: Level 2 Revision 1; 12 April 2016; 7 years ago

## PHP

Programming language

PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by the PHP Group. [Wikipedia](https://en.wikipedia.org/wiki/PHP)

[**Designed by**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+designed+by&stick=H4sIAAAAAAAAAOPgE-LQz9U3MDPILtMyyCi30k_Oz8lJTS7JzM_TLyjKTy9KzM3NzEuPz0nMSy9NTE8ttkpJLc5Mz0tNUUiqXMTKX5BRoIAkAgB-t-asUAAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECGMQAg)**:**[Rasmus Lerdorf](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=Rasmus+Lerdorf&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2HDUjfatWlpI1DYyM8IWKzAtt0xJyMLDceFwHpn83PjBE1EJNq-rSMJ45yJFBT7w_RCLsIXK5r2TxHpzFnNifiLKIaju3784NTB_rMc2-URkCo6J13ca0h7mFY0_jJ7NMrGs28DNgNq4dEVv4gWeENebSmVM&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAXoECGMQAw)

[**First appeared**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+first+appeared&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECEcQAg)**:**8 June 1995; 28 years ago

[**Implementation language**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+implementation+language&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECFsQAg)**:**[C](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=C&stick=H4sIAAAAAAAAAONgVuLQz9U3MCwxS1rEyugMAAqDqO4QAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAXoECFsQAw) (primarily; some components [C++](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=C%2B%2B&stick=H4sIAAAAAAAAAONgVuLQz9U3yEovTF_EyuysrQ0Ave2bGhIAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAnoECFsQBA))

[**OS**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+os&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECEgQAg)**:**[Unix-like](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=Unix-like&stick=H4sIAAAAAAAAAONgVuLQz9U3MC_JK1jEyhmal1mhm5OZnQoAK01q-BgAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAXoECEgQAw), [Windows](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEyh6emZeSX14MAFTjqsQWAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAnoECEgQBA), [macOS](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoA3oECEgQBQ), [IBM i](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=IBM+i&stick=H4sIAAAAAAAAAONgVuLUz9U3MMwuNyhcxMrq6eSrkAkArWcLQhUAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoBHoECEgQBg), [OpenVMS](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=OpenVMS&stick=H4sIAAAAAAAAAONgVuLQz9U3sDAoyFjEyu5fkJoX5hsMABW_bXwWAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoBXoECEgQBw)

[**Paradigm**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+paradigm&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECGQQAg)**:**Multi-paradigm: [imperative](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=imperative&stick=H4sIAAAAAAAAAONgVuLSz9U3ME4vNEqrWsTKlZlbkFqUWJJZlgoAU7KRQBsAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAXoECGQQAw), functional, object-oriented, [procedural](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=procedural&stick=H4sIAAAAAAAAAONgVuLQz9U3MK1MMV3EylVQlJ-cmlJalJgDALjP2iIZAAAA&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0QmxMoAnoECGQQBA), reflective

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+stable+release&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECF4QAg)**:**8.2.7 / 7 June 2023; 17 days ago

[**Typing discipline**](https://www.google.com/search?sxsrf=APwXEdePZHBNuLvL9JyTAJM-su65FzzIcg:1687786893423&q=php+typing+discipline&sa=X&ved=2ahUKEwifm_SRiOH_AhV8hv0HHa2mBs0Q6BMoAHoECGIQAg)**:**Dynamic, weak, gradual

## Laravel

Laravel is a free and open-source PHP web framework, created by Taylor Otwell and intended for the development of web applications following the model–view–controller architectural pattern and based on Symfony. [Wikipedia](https://en.wikipedia.org/wiki/Laravel)

[**Programming language**](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=laravel+programming+language&stick=H4sIAAAAAAAAAOPgE-LSz9U3yCqvNDSx0NLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKpOTWJRYlpqjgE0aAHgr4NxbAAAA&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQ6BMoAHoECGEQAg)**:**[PHP](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=PHP&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMusWqbyIoEH_RYi83fvlQj-Ud12F3_qwpqVVfftgM1sC9r-miD4eNv7SkLAT8AEXJgj33FFzlpwqPbNqHohZRF4rXjiVmO4wmnhBeLI7WqZHnx7RnraF8OBHwp2YuNBBbAf_wetC-3c4Yjz0F_eMo-COP-P0&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQmxMoAXoECGEQAw)

[**Developer**](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=laravel+developer&stick=H4sIAAAAAAAAAOPgE-LSz9U3yCqvNDSx0JLPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqmJNYlAjkKcDFAKblFy1DAAAA&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQ6BMoAHoECEMQAg)**:**[Taylor Otwell](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=Taylor+Otwell&si=AMnBZoEZ8aFftZu792frFYrnK9KQYGXRL3UTeDeHB9-uc0sfFWoacF5rlmfopKmH38_BkCcCjeEa7EdZkRv3gHm-2e9NAPsyJNqYj9gN2GV-5q972dCLXbFKysq_qmgNAyKqHyXn9IM2zJKFR9Zz6JsP1z_--I2XbpjLItexVx3AEQgVQIMfavb5xKCw1nXcrD8g-w7xSERk5czGLHkeVuLreX0fLbBNkA%3D%3D&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQmxMoAXoECEMQAw)

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=laravel+initial+release&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQ6BMoAHoECEgQAg)**:**June 2011; 12 years ago

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[**Repository**](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=laravel+repository&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQ6BMoAHoECEkQAg)**:**[github.com](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=github.com&stick=H4sIAAAAAAAAAONgVuLSz9U3KKosKMhNX8TKlZ5ZklGapJecnwsAdm3QDBsAAAA&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQmxMoAXoECEkQAw)/laravel/framework

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdeGs7k1snzEvdU16M-n58U-GbO6pA:1687786966918&q=laravel+stable+release&sa=X&ved=2ahUKEwiFhPq0iOH_AhU6gf0HHUhyAvYQ6BMoAHoECFwQAg)**:**10.2.2 / 24 May 2023; 31 days ago

## CodeIgniter

Software

CodeIgniter is an open-source software rapid development web framework, for use in building dynamic web sites with PHP. [Wikipedia](https://en.wikipedia.org/wiki/CodeIgniter)

[**Programming language**](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=codeigniter+programming+language&stick=H4sIAAAAAAAAAOPgE-LSz9U3MCpMT8nO0tLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EqpCcn5KamZ6XWZJapIBNCQDvbzEEXwAAAA&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQ6BMoAHoECEgQAg)**:**[PHP](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=PHP&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMusWqbyIoEH_RYi83fvlQj-Ud12F3_qwpqVVfftgM1sC9r-miD4eNv7SkLAT8AEXJhGXAory7Yy2QnrtD5E1jFH1Y_W880yO6P5drZqGJjQ7GOerDyv7gKreAQNw6ou-UtWSCAW3aCJyIthMv4d5JqO8s6MN&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQmxMoAXoECEgQAw)

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=codeigniter+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LSz9U3MCpMT8nO0lLOKLfST87PyUlNLsnMz9Mvzk8rKU8sSrVKLChITSxSSEksSV3EqpCcn5KamZ6XWZJapJAJpDITcxSKUnNSE4tTwUoA78g4hlYAAAA&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQ6BMoAHoECEkQAg)**:**February 28, 2006

[**Developer**](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=codeigniter+developer&stick=H4sIAAAAAAAAAOPgE-LSz9U3MCpMT8nO0pLPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqmpyfkpqZnpcJVKAAFwcANyy05EcAAAA&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQ6BMoAHoECEcQAg)**:**[CodeIgniter Foundation](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=CodeIgniter+Foundation&si=AMnBZoEZ8aFftZu792frFYrnK9KQYGXRL3UTeDeHB9-uc0sfFZlsWeRc8xT4rrokb7B-kZAjPFuEgyNsIRb8hJgaVyQ5M9AkVaNY0oSdMl_m12wfR6gqzRJSDWZOYpuHNAERHYaQSeNTrRBCF-RMn1EM708_zM4HB8uyIKAWw9SKJstw1mbZC2EnLefKnhQKNeUTo3sjZITm7rMVkKFzw8gSo-nJs7VczJ0aXBnFSqkk2P87RmRKjf4%3D&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQmxMoAXoECEcQAw)

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[**Platform**](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=codeigniter+platform&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQ6BMoAHoECFsQAg)**:**[PHP 5.6.0+ (v3.1.11) and PHP 7.4 or newer (v4.XX)](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=PHP+5.6.0%2B+(v3.1.11)+and+PHP+7.4+or+newer+(v4.XX)&stick=H4sIAAAAAAAAAONgVuLQz9U3MDPILlvEahjgEaBgqmemZ6CtoFFmrGeoZ2ioqZCYl6IAkjDXM1HIL1LISy1PLQJKm-hFRGgCAGOhTUtAAAAA&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQmxMoAXoECFsQAw)

[**Stable release**](https://www.google.com/search?sxsrf=APwXEddMNgERTkDLH4PoHolst7uSksX8cg:1687786950485&q=codeigniter+stable+release&sa=X&ved=2ahUKEwiyl4-tiOH_AhXthv0HHfLxA5sQ6BMoAHoECEYQAg)**:**4.3.5 / 2023-03-26

## YII

Yii is an open source, object-oriented, component-based MVC PHP web application framework. Yii is pronounced as "Yee" or [ji:] and in Chinese it means "simple and evolutionary" and it can be an acronym for "Yes It Is!". [Wikipedia](https://en.wikipedia.org/wiki/Yii)

[**Programming language**](https://www.google.com/search?sxsrf=APwXEdc7qXWRaP3a6rVUi6ssxI9SiJLwhA:1687787020395&q=yii+programming+language&stick=H4sIAAAAAAAAAOPgE-LSz9U3MK0qSy9K0dLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKlGZmamATQoAp5ssB1cAAAA&sa=X&ved=2ahUKEwimirrOiOH_AhVc9bsIHfbLDkgQ6BMoAHoECEUQAg)**:**[PHP](https://www.google.com/search?sxsrf=APwXEdc7qXWRaP3a6rVUi6ssxI9SiJLwhA:1687787020395&q=PHP&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMusWqbyIoEH_RYi83fvlQj-Ud12F3_qwpqVVfftgM1sC9r-miD4eNv7SkLAT8AEXJtqUTPNageFMErVVhk5T5ODd7HcpZXW98ETXs6HBdPhXB3NNVwTNOHiyHQaRsHxbiU6lzQ9R_xhHo3IFKRFgF7vUfW7l&sa=X&ved=2ahUKEwimirrOiOH_AhVc9bsIHfbLDkgQmxMoAXoECEUQAw)

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdc7qXWRaP3a6rVUi6ssxI9SiJLwhA:1687787020395&q=yii+stable+release&sa=X&ved=2ahUKEwimirrOiOH_AhVc9bsIHfbLDkgQ6BMoAHoECEAQAg)**:**2.0.48 / 2023-05-22

## OpenCart

OpenCart is an online store management system. It is PHP-based, using a MySQL database and HTML components. Support is provided for different languages and currencies. It is freely available under the GNU General Public License. As of May 2016, 342,000 websites were using OpenCart. [Wikipedia](https://en.wikipedia.org/wiki/OpenCart)

[**Programming language**](https://www.google.com/search?sxsrf=APwXEdfjGIHbIMvgxZXZbwmql3FTXaoD5A:1687787045365&q=opencart+programming+language&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEwyzbXMyLEw1dLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKptfkJqXnFhUooBNHgCkIqWvXwAAAA&sa=X&ved=2ahUKEwjMja7aiOH_AhUWnP0HHSxSBM4Q6BMoAHoECEkQAg)**:**[PHP](https://www.google.com/search?sxsrf=APwXEdfjGIHbIMvgxZXZbwmql3FTXaoD5A:1687787045365&q=PHP&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMuBnWXTv2UgaQ_ZeMcgE6RmE_MZXpY2CJIvBA6XLgEGRWkivLM5c5ERCClIxl1nEeabbDJ2383A_FNHLoxb2maIbjEWr-IPp3uvcauwxxnSVKWi72HrjVuQ1h9Xq80gtn7GMTrrO3KbH6ZS3y_L2QMYXGpY4&sa=X&ved=2ahUKEwjMja7aiOH_AhUWnP0HHSxSBM4QmxMoAXoECEkQAw)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdfjGIHbIMvgxZXZbwmql3FTXaoD5A:1687787045365&q=opencart+developers&sa=X&ved=2ahUKEwjMja7aiOH_AhUWnP0HHSxSBM4Q6BMoAHoECEgQAg)**:**OpenCart Ltd

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdfjGIHbIMvgxZXZbwmql3FTXaoD5A:1687787045365&q=opencart+initial+release&sa=X&ved=2ahUKEwjMja7aiOH_AhUWnP0HHSxSBM4Q6BMoAHoECEYQAg)**:**April 2010

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[**Stable release**](https://www.google.com/search?sxsrf=APwXEdfjGIHbIMvgxZXZbwmql3FTXaoD5A:1687787045365&q=opencart+stable+release&sa=X&ved=2ahUKEwjMja7aiOH_AhUWnP0HHSxSBM4Q6BMoAHoECEMQAg)**:**4.0.2.1 / 2023-04-18; 2 months ago

## Node.js

Platform

Node.js is a cross-platform, open-source server environment that can run on Windows, Linux, Unix, macOS, and more. Node.js is a back-end JavaScript runtime environment, runs on the V8 JavaScript Engine, and executes JavaScript code outside a web browser. [Wikipedia](https://en.wikipedia.org/wiki/Node.js)

[**Programming languages**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=node.js+programming+languages&stick=H4sIAAAAAAAAAOPgE-LSz9U3SEqqSLOw1NLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKpuXn5Kql1WsgE26GADkSx4zXAAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQ6BMoAHoECEEQAg)**:**[JavaScript](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=JavaScript&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMoq2-12W-ClTvJmdyPmRGgTH9wD5XEwJHh4--thes3_WkMbfj4CCfAoMRUZrwJpWnjaDExlJsjoreqYPyP278GZ1iYt73JFT9Hhz9_rJ9iyWpFqvh1tjr6MfD7I4rEuS59WzLbpEPXeSQwsxXgF69-huyyTecTjkmahd6DOyPScZQiQRYZH-OOXk1_19QO6LdNdyw2Iq9WvpSq2xD2tLeD8gp7C-uB6JWF881geGQcB9WPRl_U0Ruy_v4MAR11jvzduHkVQ%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAXoECEEQAw), [C](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMvx2_r5q5aXHNrOctoUExQCIt93qDwBiNX4XJHvexcQPAN8Jf7wlGawc1XV49g2hATTbqElNGLvTm4EoLDzNz5KlZL8QlZmup_7xWrFQ2xB2A28aNAhAk7rpaATq6F_F_NAsaRPN1SfUt5-eiG98jL5ibYY1pqeFI1lajEvUTNTuJRTZjV491lAaM29c98WMLNNPQuUp--snpKDjl92eMa8kN12JhfH2yIfd9KR_30L0BzJl5w%3D%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAnoECEEQBA), [C++](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=C%2B%2B&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMrkqS6XpDQ3FcwwwBOciUmYHZzZ_P9pl1TsAPkD6JmG1KHVVug7Ep1-YOIo-KD_lZKzXsuN28ZxAyPaYU3p2Wdyybm_UlLBGMY5Cms8V10-SumV-VLrDWV8xBF1eFxQVeyv2MlpLafGgnjkWSuCHakgehwxjFpJADcmMmZYAqrOx22gzKrr2oJf862cyargokh5SS7h7ijmfXVLX0lI3G6YzKhnT4qsznZmib_grvv-LA7o2Cg%3D%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoA3oECEEQBQ), [CoffeeScript](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=CoffeeScript&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQmMyvO84EPFLGHwpush9DLDoqoWheNsgx62k40q1HaCv59sobEBynHNo6mcHxGBNyDZ--Ye4QRfNsNExXI-adSkhq9JapPsUr_C0jZvWxbjagvTSxPlFs915FtWq8C-fRcmoIftj3Tdq0i-P0c7xw0PGxmAGEDaxAd0B-dkjTis27st9pjqdb__UP3r22r6VfJfKiYUZ-OgxSG9K75StFAd3DDB03ZztrFiqgpm_a2VdyO3cEHVUlUC8af-Cw7VUw2ng8Ts%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoBHoECEEQBg)

[**Developer**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=node.js+developer&stick=H4sIAAAAAAAAAOPgE-LSz9U3SEqqSLOw1JLPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqmJefkqqXVawAFwMArXHWi0MAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQ6BMoAHoECFoQAg)**:**[Microsoft Corporation](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=Microsoft&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMnNo1nodVv19fH5w_rFwpknpzDMGrurJpRn2zn4Gj0_a2kOVTaDmriRbvlTXjLvtUK8VqIR4D8B_zHC4Avfbp5OeMoycQ6mql7Pa8Gc60gGwbhfUi3QLy1cgUnIi1o5y53tmsjkwgOViPhaFWZupSWE_JXtS1p5anEzXSFXXLAgUCKkORoJ0l7LqEvayI8z62R1NEYg1z8TvMi1BL56Xwz3eSfaLhfgdQ9Z69WUpNFB3mTZubg%3D%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAXoECFoQAw), [Ryan Dahl](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=Ryan+Dahl&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQj29ZG-EpEPaerGiuqL2Qv2IBCJbJj6zAOpbMoeFp_iSV9895ZdN_dNTMYRpCHMIvsq-dqLFjiklnRSmUbFFc4p1qnR2kLeOPJ9s7CF68IEGj2AZ_jj6a1Nm6Ktpj6VavBFTLApREitGC1UYJuquNc1D4hnH6jR2iJ1pc6mlGIC4C4j8gPQQDPecjAC9OEa74IRpwLmAugSlicY54sW145Xu1nq42JsJiS7LcIjhcXrd2FehzA%3D%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAnoECFoQBA), [OpenJS Foundation](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=OpenJS+Foundation&si=AMnBZoEZ8aFftZu792frFYrnK9KQYGXRL3UTeDeHB9-uc0sfFeLcV0m0hoSYcDK8qrNowc6zv_3BJ1QbsUxJtEbKf_Bhkz14SVEp6txsbFo3DEvw0Dv_Ar3750DTzGfe0L_rqNMhCK479HZkjCEj2t2UKpengZew13fMivtTJhJBoGh7vBiQoKOrxeARkEfeVIbxg7Re5kmXYsxd5n_7hbGGCw4bkAggKKE0-wRIrhSZfzMfb5DFXaWRSBNe1q7Aq2bvfx7Ym8ClMf-iykeCO7u4hePwftY4DUZu7OgWri_o8FyBtXpN78A%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoA3oECFoQBQ), [Bryan Cantrill](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=Bryan+Cantrill&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2Io6nsoi4NyxkCCiuRAMT5bZbfJGdCJkzkbv9-bQVdFpwRx4oiiIQnkK5Y50LOoZ8BV5d54f-qy8QGx7c-_kNt95emb-_I6cTI6hcwTSntTZxUdfnv5AjkF5w0u_El9lm0SwXCYhlGmVqulnYusxw1v_mvfuywttRki5gPWrbLx7QidWUQRRY7vJs7mPax_TuwxTy_9x4ciScZ5xEk58_iEe7zkfJuPx4dUCb-Inz3s7gzgPgA%3D%3D&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoBHoECFoQBg)

[**Initial release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=node.js+initial+release&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQ6BMoAHoECGEQAg)**:**May 27, 2009; 14 years ago

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[**Operating system**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=node.js+operating+system&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQ6BMoAHoECGAQAg)**:**[z/OS](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=z/OS&stick=H4sIAAAAAAAAAONgVuLQz9U3sCzKyljEylKl7x8MANLpX3sTAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAXoECGAQAw), [Linux](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAnoECGAQBA), [macOS](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoA3oECGAQBQ), [Microsoft Windows](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=Microsoft+Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEKuibmVyUX5yfVqIQnpmXkl9eDABrmtGqIAAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoBHoECGAQBg), [SmartOS](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=SmartOS&stick=H4sIAAAAAAAAAONgVuLUz9U3MDM3K05ZxMoenJtYVOIfDAAzYydkFwAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoBXoECGAQBw), [FreeBSD](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=FreeBSD&stick=H4sIAAAAAAAAAONgVuLQz9U3MKpMqVjEyu5WlJrqFOwCAOg-RnYWAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoBnoECGAQCA), [OpenBSD](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=OpenBSD&stick=H4sIAAAAAAAAAONgVuLQz9U3MM0pz13Eyu5fkJrnFOwCAL211REWAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoB3oECGAQCQ), [IBM AIX](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=IBM+AIX&stick=H4sIAAAAAAAAAONgVmLXz9U3KC8vXMTK7unkq-DoGQEAqOf3NBUAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoCHoECGAQCg)

[**Repository**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=node.js+repository&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQ6BMoAHoECF4QAg)**:**[github.com/nodejs/node](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=github.com/nodejs/node&stick=H4sIAAAAAAAAAONgVuLSz9U3KKosKMhNX8Qqlp5ZklGapJecn6ufl5-SmlUMpgCVGuUHJwAAAA&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQmxMoAXoECF4QAw)

[**Stable release**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdf-HykYYfOWjJXWikO_3z5tM0ZI8Q:1687786363446&q=node.js+stable+release&sa=X&ved=2ahUKEwiPjZmVhuH_AhX2m_0HHf75BqcQ6BMoAHoECEMQAg)**:**20.2.0 / May 16, 2023; 39 days ago

## React

Computer program

React is a free and open-source front-end JavaScript library for building user interfaces based on components. It is maintained by Meta and a community of individual developers and companies. React can be used to develop single-page, mobile, or server-rendered applications with frameworks like Next.js. [Wikipedia](https://en.wikipedia.org/wiki/React_(software))

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=react+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LWz9U3MDTKMSyrKNNSzii30k_Oz8lJTS7JzM_TL85PKylPLEq1SiwoSE0sUkhJLEldxCpVlJqYXKKQmZdZkpmYo1CUmpOaWJwKlgQAVJm841EAAAA&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQ6BMoAHoECF8QAg)**:**May 29, 2013

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=react+developers&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQ6BMoAHoECEwQAg)**:**[Meta and community](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=Meta+and+community&stick=H4sIAAAAAAAAAONgVuLSz9U3yMitTCsuW8Qq5JtakqiQmJeikJyfm1ual1lSCQDLixZpIwAAAA&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQmxMoAXoECEwQAw)

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[**Original author(s)**](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=react+original+authors&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQ6BMoAHoECGAQAg)**:**[Jordan Walke](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=Jordan+Walke&stick=H4sIAAAAAAAAAONgVuLVT9c3NMwwSTFLMjLKW8TK45VflJKYpxCemJOdCgDaMNwXIAAAAA&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQmxMoAXoECGAQAw)

[**Platform**](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=react+platform&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQ6BMoAHoECEgQAg)**:**[Web platform](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=Web+platform&stick=H4sIAAAAAAAAAONgVuLSz9U3SCtIz66sWMTKE56apFCQk1iSll-UCwDxbjm5HQAAAA&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQmxMoAXoECEgQAw)

[**Repository**](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=react+repository&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQ6BMoAHoECEsQAg)**:**[github.com](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=github.com&stick=H4sIAAAAAAAAAONgVuLSz9U3KLZMzqjIXsTKlZ5ZklGapJecnwsAj05Q7RsAAAA&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQmxMoAXoECEsQAw)/[facebook](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=facebook&stick=H4sIAAAAAAAAAONgVuLSz9U3KCowzqrMWsTKkZaYnJqUn58NALugoFgZAAAA&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQmxMoAnoECEsQBA)/react

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdf2RuxgY8ECSyUO1sb2FgCj9I5y_w:1687787707984&q=react+stable+release&sa=X&ved=2ahUKEwjRgqmWi-H_AhVChv0HHQYGDSMQ6BMoAHoECFsQAg)**:**18.2.0 / 14 June 2022; 12 months ago

## React Native

Software

React Native is an open-source UI software framework created by Meta Platforms, Inc. It is used to develop applications for Android, Android TV, iOS, macOS, tvOS, Web, Windows and UWP by enabling developers to use the React framework along with native platform capabilities. [Wikipedia](https://en.wikipedia.org/wiki/React_Native)

[**Developer**](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=react+native+developer&stick=H4sIAAAAAAAAAOPgE-LVT9c3NMwwME5Pq6i01JLPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqVpSamFyikJdYklmWqgCXAAD1oiB0SwAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQ6BMoAHoECEgQAg)**:**[Meta](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=Meta&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQjw2z1Hewwj2Bf6NFprGE_BX9UuWizKsLUN5jao8FoSCE9nDwwRps38W1L5T-0sTnaly9c0JVRp4FH5kJlq0tF9YxIE2tu7Tht3BPJUd7I6Gd3WyjzYri03m9gTJ8T5Dw33UQVS6i30hTbkIaCBo_3VIdQT0NWzpyKE5CbRaKPi3kNCmza0mn58hp4SgYQo1IUmJ3W_IXx26gBqGYTwo5E6HSOmFdkRmmm5NwRZM1bq4eZzfNw%3D%3D&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoAXoECEgQAw), [Microsoft Corporation](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=Microsoft&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMnNo1nodVv19fH5w_rFwpkmTo8ah3t7It1IF8mQKCoeOjqz5U1sUceSsg1iX-_SPo9DfrvkzXu6rqKWUQ0Q4vnWd-ObfLyS3eXLqcKXRtlVWJCn93TKhC0IEkD7YubtB5GcnaUmgxr9sC90xbSnGM2IUiCKqmtKakYjULdG5PHVkiN9RVxp21nNb1btiTqTbMdO-nn_z7922fcM9x7LxWlQj6wB8pZm9dDTEmLeETV1cI9iETg%3D%3D&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoAnoECEgQBA)

[**Platform**](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=react+native+platform&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQ6BMoAHoECEYQAg)**:**[Android](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=Android&stick=H4sIAAAAAAAAAONgVuLSz9U3MCqvKEkvX8TK7piXUpSfmQIAyAsAJhgAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoAXoECEYQAw), [Android TV](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=Android+TV&stick=H4sIAAAAAAAAAONgVuLWz9U3MDQ0NM8yNF_EyuWYl1KUn5miEBIGALhd50QcAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoAnoECEYQBA), [iOS](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=iOS&stick=H4sIAAAAAAAAAONgVuLSz9U3MC5PyjE0WcTKnOkfDABeKS5iFAAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoA3oECEYQBQ), [macOS](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoBHoECEYQBg), [tvOS](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=tvOS&stick=H4sIAAAAAAAAAONgVuLVT9c3NEyyqCowrUgpXsTKUlLmHwwA1lcFCRgAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoBXoECEYQBw), Web, [Windows](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEyh6emZeSX14MAFTjqsQWAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoBnoECEYQCA), [UWP](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=UWP&stick=H4sIAAAAAAAAAONgVuLVT9c3NEwqt8jKTc-oWsTKHBoeAAA_a88IFwAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQmxMoB3oECEYQCQ), and VR

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEddf58X9y962JrhYV18bxSpYFkCKgg:1687787749751&q=react+native+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LVT9c3NMwwME5Pq6i01FLOKLfST87PyUlNLsnMz9Mvzk8rKU8sSrVKLChITSxSSEksSV3EqliUmphcopCXWJJZlqqQmZdZkpmYo1CUmpOaWJwKVgMA1aS9kloAAAA&sa=X&ved=2ahUKEwjwnZ6qi-H_AhUVgP0HHUSkCvkQ6BMoAHoECEMQAg)**:**March 26, 2015

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## Angular

Computer program

Angular is a TypeScript-based, free and open-source single-page web application framework led by the Angular Team at Google and by a community of individuals and corporations. Angular is a complete rewrite from the same team that built AngularJS. [Wikipedia](https://en.wikipedia.org/wiki/Angular_(web_framework))

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=angular+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEw2KzdISSm31FLOKLfST87PyUlNLsnMz9Mvzk8rKU8sSrVKLChITSxSSEksSV3EKpOYl16aA-Rm5mWWZCbmKBSl5qQmFqeCpQHpWDqLVQAAAA&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4Q6BMoAHoECEsQAg)**:**September 14, 2016

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=angular+programming+languages&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEw2KzdISSm31NLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKgti5SQWKWCTLgYALwqr3F8AAAA&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4Q6BMoAHoECE0QAg)**:**[TypeScript](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=TypeScript&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQveWDZm984Kn8z93X3Jd4pZF830rMVwydDrqiIe3WUe0FsWBBMQGfELuSkxVzrYebA0jqohGdiiAuKDwxtCG822CCvtLm91F7zbxWeYIOKlwrfZo5APvomc0EqQR5V8DKF4sr8Bc-X9XHdrZHNMRdlcODGX8xR9i8UNrS5W55uyj7JywpUunotN8-697XAOxFhIjogwleYRNkjfHk835mRQlgTqEJzmo07IrjIs8huIUvGqxqzKCWN13ikY5mFHagqPSrYA%3D&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4QmxMoAXoECE0QAw), [AngularJS](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=AngularJS&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQl-eaieyXWyju3MVOAYJHJiUEkLjp0mZVEegxZMohK3WhpjLIZo97rTRA2FGFQ2vq0yfCKGalC-1-e5lO9-76zRtgK99CLPBoUhcpdsnd-rjq8nJ7vqJb1sFJRs9MoVUplnCmcL5pzD5fPgairt9O9hFGAcPNET13-eEGSti53vL5QYMFyL3OSC6LAIOIyZOS20PzAac-7jEVgcJfdgBOUnTJcANpe_TerKjSTM8aB4IOK_NKEw9i62GZxANGDwkqt5RUUA%3D&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4QmxMoAnoECE0QBA)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=angular+developers&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4Q6BMoAHoECFAQAg)**:**[Google](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=Google&stick=H4sIAAAAAAAAAONgVuLUz9U3MDFNNk9axMrmnp-fnpMKAMKapuoWAAAA&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4QmxMoAXoECFAQAw)

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[**Preview release**](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=angular+preview+release&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4Q6BMoAHoECEcQAg)**:**14.0.0-next.0 / 26 January 2022; 17 months ago

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdcP4QyEe59b9NSDT33i0V46vCqSrQ:1687787785232&q=angular+stable+release&sa=X&ved=2ahUKEwjAgZS7i-H_AhVsg_0HHXNiBv4Q6BMoAHoECEYQAg)**:**16.1.2 / 21 June 2023; 5 days ago

## MERN

MERN Stack is a collection of powerful technologies and robust, used to develop scalable master web applications comprising backend, front-end, and database components. It is JavaScript that is used for the faster and easier development of full-stack web applications

## MEAN

MEAN is a free and open-source JavaScript software stack for building dynamic web sites and web applications. A variation known as MERN replaces Angular with React.js front-end, and another named MEVN use Vue.js as front-end. [Wikipedia](https://en.wikipedia.org/wiki/MEAN_(solution_stack))

# Skill 2

## MySQL

System software

MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter My, and "SQL", the acronym for Structured Query Language. [Wikipedia](https://en.wikipedia.org/wiki/MySQL)

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql+programming+languages&stick=H4sIAAAAAAAAAOPgE-LQz9U3MKk0ztbSySi30k_Oz8lJTS7JzM_TL85PKylPLEq1KijKTy9KzM3NzEtXyEnMSy9NTE9dxCqdW1lcmKOATbIYAF2h3IZYAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQ6BMoAHoECEcQAg)**:**[C](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMsVoq-EAykwkKfix1kElLa6XY84tZAPHmf1VDoG6r9hjsFZjAc11DxuZiyl7G2dH7SMNWu4GqKlcl89gpB2lySOvuoitI9zugqHNilwYamh3zvDMuK_RQdaI4mFNe59rkLksJgFZnfue2P7W4x5lfoESTFPtspbEnNDJw8tZ_X2TY-Mklnv6uVxYohRPC5K6xQVOjyFQcLCgVEJkWhiraUGL-bgXXmvGOl7TY1DWLrEmfpLduA%3D%3D&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAXoECEcQAw), [C++](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=C%2B%2B&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMkX5eWBZNRepcY41g8eGckVukRV79xquXnqvZSsd2kr4fOb364C3sBHRvTcsjo6nXn6NoX924dDH1Lr-Cw_idOjUyPvH-FS7Tx9XTzFkack50AzWqTWN3A2oTRmylj1zEP6JIclcFUqXyicyBLVAh3GJ8XXNABRoWWd5tSZsy7LOYcNflDPDPeZLHhLqztgOLfZK2C4RQr-R0PG5Zt4g5-YLYgSduk6EE2bWfubs7e5bC4rutg%3D%3D&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAnoECEcQBA)

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LQz9U3MKk0ztZSzii30k_Oz8lJTS7JzM_TL85PKylPLEq1SiwoSE0sUkhJLEldxCqVW1lcmKOQmZdZkpmYo1CUmpOaWJwKlgQATO6gBk4AAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQ6BMoAHoECEoQAg)**:**May 23, 1995

[**Developer**](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql+developer&stick=H4sIAAAAAAAAAOPgE-LQz9U3MKk0ztaSz0620k_Ozy0oLUkt0i_OTyspTyxKtUpJLUvNyS9ILVrEyp9bWVyYowAXAQDhNVrMPwAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQ6BMoAHoECEgQAg)**:**[Oracle](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=Oracle+Corporation&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMrBN1ctqcVtdWA_z9j_DkMkatO7p1RlEKn36Z_B4FhxuZTIv47Dyh9P2iWfvy1uqDC89OtXMsJlOmmA-xTxMS8T4cFqJtLRvLRSRTffFrf7N6NB00YhxFPe3udWth4qwSq0C68-Z2RpH0ZQpVNZ8CGlt04dtifRuZ-3MmRDLOkuQheIkNqga3_iZ1pM7_YfkVuDdfQsXD3Kd-Oi0hvWMrokO7C6X__eAQ_1MTxtQ7RTfOF_OOg%3D%3D&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAXoECEgQAw), [MySQL AB](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=MySQL+AB&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2EaMLnLQhzTfCCpvZf3qA40Q-FWkJ5cLrREy04o77qdGhjw-SuuMDNriAkrUDmbu5_IS6JPfLZzIw7KBStV4sdThR4gu_YgKw6haP4Da-yrYlDvN1_BaJ5NGJYBGzC3u39lYyJ_05LatKqI0HHSaWPiOWYxf50J_vHb-WR7JFXWNh285dHPMRp_qzcrPZEvDi0ku7EPOqiMj6fHOva5emOZTF_Xm&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAnoECEgQBA), [Michael Widenius](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=Michael+Widenius&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2Pz0anGJ1lAY16CzGOaXThgfycPoc4_Cbkp0smDhf826D6Rk1iGVYrXpOJMVW8sjBFrN11P6zrvZj2vDTVB2EyulZi_8LfSKySvQ6zgfFBzVvN8GFxVqrK8ahnOeoWLYBXdYYvoJvCEkEHGcN1S1kjItz9GkYLHbTQ-PGhV-E6J9EZOr6zkhI0356nmadWXr2hNJXixaNMguwguh83UPrG_LlrJb1WtQ5RW4BlAcx4mpuLBI8w%3D%3D&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoA3oECEgQBQ), [Sun Microsystems](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=Sun+Microsystems&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMnBtkDdwEsPilMEtrIlKYqEAGMQnJbJ1zp8C3bOv3XGD_wKqwAZsyMRcevTel2uz6tTHdp4QvfEn41KZUvjWzsrvQkaBB2YjvElZk-5bDYhwYgNHCjoa5dESj2OP2dFZXxssX6j1fnjm8jlsLefKxQPZkSZYaVhgoDgIvl6JjZGx-BVUpUvdulukj-3ByT-o3mpTMiAbr-rJqZtAOfKa-3gdKyvVcF_eyt3irljoXTq4eruU8Q%3D%3D&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoBHoECEgQBg), [David Axmark](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=David+Axmark&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2GZ_79UBKu0VVVKHX5DDQ-RhyfthkslBblK4weX8slmVCSM6eC3ZYKuvKTv9fFxOSupYerfM9i8cIv2MRYfE2SiKfwjX5BdUx-Mbh61BtNi9Dv1VQgaNDKzWmhBmIa9EAw3S4I1yum_oKLvphd9J7wsA4HvAeehIXt5Zx9EW7Jo9qTbYngKgvm_S8VzNqMg2tm2Rev9IhmYFUU_gIyN9w8uVaTL4-qulQaogrwTnfzXskuqDxQ%3D%3D&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoBXoECEgQBw)

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[**Operating system**](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql+operating+system&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQ6BMoAHoECGMQAg)**:**[Linux](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAXoECGMQAw), [Solaris](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=Solaris&stick=H4sIAAAAAAAAAONgVuLQz9U3SM7IS1vEyh6cn5NYlFkMABylxwIWAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAnoECGMQBA), [macOS](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoA3oECGMQBQ), [Windows](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEyh6emZeSX14MAFTjqsQWAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoBHoECGMQBg), [FreeBSD](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=FreeBSD&stick=H4sIAAAAAAAAAONgVuLQz9U3MKpMqVjEyu5WlJrqFOwCAOg-RnYWAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoBXoECGMQBw)

[**Repository**](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql+repository&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQ6BMoAHoECGIQAg)**:**[github.com](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=github.com&stick=H4sIAAAAAAAAAONgVuLSz9U3KKosKMhNX8TKlZ5ZklGapJecnwsAdm3QDBsAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAXoECGIQAw)/[mysql](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql&stick=H4sIAAAAAAAAAONgVuLUz9U3MLI0L69cxMqaW1lcmAMAus4j0BUAAAA&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQmxMoAnoECGIQBA)/mysql-server

[**Stable release**](https://www.google.com/search?sxsrf=APwXEddvVfyer7r6wBSw59ujBvNu6y2QuQ:1687789577371&q=mysql+stable+release&sa=X&ved=2ahUKEwjnt9uRkuH_AhWf_7sIHSX0AnAQ6BMoAHoECEYQAg)**:**8.0.33 / 18 April 2023; 2 months ago

## MariaDB

System software

MariaDB is a community-developed, commercially supported fork of the MySQL relational database management system, intended to remain free and open-source software under the GNU General Public License. [Wikipedia](https://en.wikipedia.org/wiki/MariaDB)

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=mariadb+programming+languages&stick=H4sIAAAAAAAAAOPgE-LSz9U3sExPNjIo0tLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKpubWJSZmJKkgE26GACWiy_OXAAAAA&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQ6BMoAHoECEoQAg)**:**[C](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMvx2_r5q5aXHNrOctoUExQCIt93qDwBiNX4XJHvexcQPAN8Jf7wlGawc1XV49g2hATTbqElNGLvTm4EoLDzNz5JhGLFio5ulf6TlBbBiUj4gCUEKgvEsTYwv19PP2-_bfQe61TsS_VBFSA_vVxwlo43CFK_tr8zT4CYUpV9kRmTidG9-8lM8ElVX6TZKqAm0QBrzRodMuewvE98OBlGDtBLzVuj8LXzgpuj4doDbtK153d-N8Q%3D%3D&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQmxMoAXoECEoQAw), [C++](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=C%2B%2B&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMrkqS6XpDQ3FcwwwBOciUmYHZzZ_P9pl1TsAPkD6JmG1KHVVug7Ep1-YOIo-KD_lZKzXsuN28ZxAyPaYU3p2WdyyfYCGEdIp3mLRaEGpoTVQELQij0arUi6o3LyaylKz2iOlG1YTu0ViS_KmTvkJ3zxXziQ8W8pa00xqZ7P3TXQM_5UQZLLfQhQtZ_RgOB1ovL64fOZa-pG2XjU2Re53ShVltp8wP5ALKB9HtE2LiLz83j2p7A%3D%3D&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQmxMoAnoECEoQBA), [Perl](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=Perl&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMmJqY4GEEluaRJCDY5R5qsYUiqinIga_IsBqqCA7m8x_bEYh23evFttiklPUoOEqcfQo2FurVKNEmtp6OWpazgkidNkp9nLjyFSHfKhZG1h-F6gY10ums7Tu6W0GLlZoWlT-8PUTUE_X7Pdrq-0qryCNZlJ3txHb7LY0jyRF4FpeXvX7qsNnjS5sj6tIPf6_GwPxFcaITGTW5qyZTPq3yUokPi9TUxA4BbS0O6n5kJS4xzVRRA%3D%3D&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQmxMoA3oECEoQBQ)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=mariadb+developers&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQ6BMoAHoECEkQAg)**:**[MariaDB plc](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=MariaDB+plc&stick=H4sIAAAAAAAAAONgVuLVT9c3NEzLNjS2KDFLW8TK7ZtYlJno4qRQkJMMALCqZIMfAAAA&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQmxMoAXoECEkQAw), MariaDB Foundation

[**Initial release**](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=mariadb+initial+release&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQ6BMoAHoECEcQAg)**:**29 October 2009; 13 years ago

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[**Operating system**](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=mariadb+operating+system&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQ6BMoAHoECEEQAg)**:**[Linux](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQmxMoAXoECEEQAw), Windows, [macOS](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQmxMoAnoECEEQBA)

[**Preview release**](https://www.google.com/search?sxsrf=APwXEddxYWYQIzGC7miyFIkGsRke5WQsZA:1687789596703&q=mariadb+preview+release&sa=X&ved=2ahUKEwiTvveakuH_AhWiTeUKHeTFDTkQ6BMoAHoECEIQAg)**:**11.2.0 (20 June 2023; 6 days ago)

## MongoDB

Computer program

MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas. MongoDB is developed by MongoDB Inc. and licensed under the Server Side Public License which is deemed non-free by several distributions. [Wikipedia](https://en.wikipedia.org/wiki/MongoDB)

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=mongodb+programming+languages&stick=H4sIAAAAAAAAAOPgE-LSz9U3MK2KLzLK09LJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKpubn5een5KkgE26GABX5-m2XAAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQ6BMoAHoECF0QAg)**:**[JavaScript](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=JavaScript&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMoq2-12W-ClTvJmdyPmRGgTH9wD5XEwJHh4--thes3_WkMbfj4CCfAoMRUZrwJpWnjaDExlJsjoreqYPyP278GZ1iYt73JFT9Hhz9_rJ9iyW00O-_ZoICyVWGaByowAFRd1xgpxmVS0CLrfu0g2UTqVILWXpXnnjyA1szEyaXYpTttj3U4AcZZjjMOU-cJQBVbFKFRkxrOemMMO4rVtvGNOtmfV0PKovZQ6bd6p7ikSlEHtMuE6V-hQZzutrEU6TDmTh1wg%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoAXoECF0QAw), [Python](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Python&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMhAgQVnWeSBRZoUoheiTVdRhaKW1bFuoclarDZFfWLB9U2CAwY4OCS6M-oQiznJDYyoRTSCOc5ILqb2pkqn_uPfcZmeV0NVt9bpIHgbeL2KD_rxAakL9ULA82VovFjZNTXjVUcBOp9ZnTL9bWX5YG8S1FykBH4Bscblzw3akRpco2DYl1y1Xd_2TvCaZj3-UFkXzy326PQgXARSrZrTY5kkhPQEHt4kI3OnwdON9R5AbbjC_UA%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoAnoECF0QBA), [Java](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Java&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQtIkEkRqv7BYmWCrJwuGySulBUrgTCOJ78n8VAcfVs0WE0eV-uDpMdCUjHf-DyiM4N89Mi_5coP3Gtmp4SOpTQ-C2--Q3VYDsOPpqgCPR8bc4Te8QYe9iYadKsN1iJjwqmoHihsmKoDZXSz3ezOFRsmK2eAEYwOxrhra_oYkloPgStXHntOnHrJyjD5j_XfH-xO4ZCpkKcuwBd-WpQoxmVbzv68rl7x7p9iTWl1gSqda0IU4Pg%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoA3oECF0QBQ), [PHP](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=PHP&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMjqHCvOvLi74BPRGZcsVI_sqM3tj3HX8I6MdC7nHZuu_mpNX6Uy6I1hQvhDV-1lLHZOqBZ867QYDsLz2Q9Obi5ShBCUNX2BO77UzA6oMxP-arDYtNIchVgG6rVcBUvHJS3Te64umreaytxB27FemF8kL1hJP4mjJucJ0iKu0YGe5jBOXhKpWlxiVOMdgM4ksIOpzkBqTzUhML3dZeDH_439goJuDbbrMeVDVhGnBesuKLaqpOw%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoBHoECF0QBg), [Go](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Go+(programming+language)&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQqq_z67LLlEcWSyuhK246NcnTq-npDXWSsNnbqjBOsLyCyGRwb5I6OawSlRUSWaYjSzOjw3D9eJyA_PXrAMcHssBMm8Z6llLpMrGFaDxrIiWJyV_bsjnUKNcA-Pc1FBMgzSZg21xPjq2BsU9x7vAzpGo7SB_2XDWcD-1tQvUTzYEAbqSGKJbiS8eNGZSRNeL_BMF0FgN_oqA0AzbclNfHEJFElLq8muonoqfN0mI7iRUadd_eN1_nwqPfVqwbRWToaobDWzxxoXocBnpwXKVlDzpnBiN&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoBXoECF0QBw), [C](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMvx2_r5q5aXHNrOctoUExQCIt93qDwBiNX4XJHvexcQPAN8Jf7wlGawc1XV49g2hATTbqElNGLvTm4EoLDzNz5Lwz2W7Ly6GCOz4CggFTJbaeR-_VOPF7S28RvZNd0kElLPvqBLsHjRHKBF2iWMDh7lMkMelI_bT5W2MNWAG0IeuM5K02T-T59015UJ4p-qikuF9Iij-dmjLbvG43OGCt0AL9q4IX_Z7nAmLXDsQ7pn9ScnYqQ%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoBnoECF0QCA), [C++](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=C%2B%2B&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMrkqS6XpDQ3FcwwwBOciUmYHZzZ_P9pl1TsAPkD6JmG1KHVVug7Ep1-YOIo-KD_lZKzXsuN28ZxAyPaYU3p2WdxfuAbQfYiZqkP7e34SVyACUdFwp0_jGP4W0zDkdb75eZkOBntu7vIBjTORyuNf0yPTXJtNBd_u9XD0DNIKQMaSdRv-TPyCK4YGMZxlYd3yfC7ZFKtXYe2tirrr3vtLJCgBlkOol4FbSxoeC9sL0bGS-03lXA%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoB3oECF0QCQ), [Perl](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Perl&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMmJqY4GEEluaRJCDY5R5qsYUiqinIga_IsBqqCA7m8x_bEYh23evFttiklPUoOEqcfQo2FurVKNEmtp6OWpazgkHXmiArH7uZdCeuiH22M5qPGvjXwabXlv-wfQnJD3PxBp__9SyHu_PH7StdkIferN_BUaZJgfIrKCe0d9YwUKp0JqFL4PKalog-0ts3yIkIDUs6y9FR8pVkwuM0sMaI7jJ2b1NOUslQkQKXqMadSwlfc4pxg%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoCHoECF0QCg), [Ruby](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Ruby+programming+language&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMo6IWciWMIacQzJAdtVtMYBI8834_cWLKyFbTap6oFizq-OzXgBNx-OsSfXvJlHIFPituX_7WfmmTSlRi1F6nFa2ZA-IFntLFl-IoG4BgyzvJ5MWGcbl3eDQgp_cLqcf_Tx-xibV4YHRXywLm1MFDw9ZWwWtWKxjjM8uXVrdcSGo5ptYUQNHm9ussmrACDScRl5urZHdY43fpTnMLzUMm7GFGLMqUzYijUAuWiALRfrwXlYqlgRBxNROzulKUC2m2op7ERa4IX6pW_jXkgIfVMk8fmQ7&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoCXoECF0QCw)

[**Developer**](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=mongodb+developer&stick=H4sIAAAAAAAAAOPgE-LSz9U3MK2KLzLK05LPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqmJufl56fkqQAFwMAg44M_kMAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQ6BMoAHoECF8QAg)**:**[MongoDB Inc.](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=MongoDB+Inc.&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQifkdIlICG6TMLmIv8cU7a_HpwlyqfCpFGkbyqgiwuk08GhYFH_fb8SHpLh5OPaY1mr6qrZ5KxppF3wELQ5bhZ_67s-rn_D9FRdxckOMaupBBJzcQszx8ThJZ03gTfMYkMS87V1uH6PpfaOFxKQ2o7Z14yMsYUAe2Br3ZVcs5mR_IrXBOw%3D%3D&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoAXoECF8QAw)

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=mongodb+initial+release&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQ6BMoAHoECFoQAg)**:**February 11, 2009; 14 years ago

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[**Operating system**](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=mongodb+operating+system&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQ6BMoAHoECFwQAg)**:**[Windows Vista](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Windows+Vista&stick=H4sIAAAAAAAAAONgVuLUz9U3MDc0SzJbxMobnpmXkl9erBCWWVySCAC4KuYVHQAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoAXoECFwQAw) and later, [Linux](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoAnoECFwQBA), [OS X](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=OS+X&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEyuIfrBABANwDvJoTAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoA3oECFwQBQ) 10.7 and later, [Solaris](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=Solaris&stick=H4sIAAAAAAAAAONgVuLQz9U3SM7IS1vEyh6cn5NYlFkMABylxwIWAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoBHoECFwQBg), [FreeBSD](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=FreeBSD&stick=H4sIAAAAAAAAAONgVuLQz9U3MKpMqVjEyu5WlJrqFOwCAOg-RnYWAAAA&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQmxMoBXoECFwQBw)

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdezg66MtZTvjJhF4sdJmRaOylHJ9w:1687789609765&q=mongodb+stable+release&sa=X&ved=2ahUKEwi23ZShkuH_AhXx9bsIHcXUCGkQ6BMoAHoECFkQAg)**:**6.0.5 / 13 March 2023，3 months ago

## SQLite

Software

SQLite is a database engine written in the C programming language. It is not a standalone app; rather, it is a library that software developers embed in their apps. As such, it belongs to the family of embedded databases. [Wikipedia](https://en.wikipedia.org/wiki/SQLite)

[**Programming language**](https://www.google.com/search?sxsrf=APwXEdefJA_cA_FaZRDsY7ki9GpYD5s-zw:1687789634340&q=sqlite+programming+language&stick=H4sIAAAAAAAAAOPgE-LUz9U3MMxOL7TU0skot9JPzs_JSU0uyczP0y_OTyspTyxKtSooyk8vSszNzcxLV8hJzEsvTUxPXcQqXVyYk1mSqoBNFgCyDqYJWQAAAA&sa=X&ved=2ahUKEwi21fCskuH_AhW8nf0HHWTqABQQ6BMoAHoECEIQAg)**:**[C](https://www.google.com/search?sxsrf=APwXEdefJA_cA_FaZRDsY7ki9GpYD5s-zw:1687789634340&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMmk1kwrO8SKXWfIZPcF7rpZ6Hb-1SzheZTp83E4ayhP3umx7FJBwcUO9HTVVJWUOjxXa5stNuAiJ4yJFALAXWspGoM_HZzM_OUdqJajG5ahjFlC7ppuLoixLB7qqImtF3GxNobn-zX3XddCncKj-oe9ufYCf&sa=X&ved=2ahUKEwi21fCskuH_AhW8nf0HHWTqABQQmxMoAXoECEIQAw)

[**Developer**](https://www.google.com/search?sxsrf=APwXEdefJA_cA_FaZRDsY7ki9GpYD5s-zw:1687789634340&q=sqlite+developer&stick=H4sIAAAAAAAAAOPgE-LUz9U3MMxOL7TUks9OttJPzs8tKC1JLdIvzk8rKU8sSrVKSS1LzckvSC1axCpQXJiTWZKqABcCAMVv_oRBAAAA&sa=X&ved=2ahUKEwi21fCskuH_AhW8nf0HHWTqABQQ6BMoAHoECEAQAg)**:**[D. Richard Hipp](https://www.google.com/search?sxsrf=APwXEdefJA_cA_FaZRDsY7ki9GpYD5s-zw:1687789634340&q=D.+Richard+Hipp&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2Csc_wqAIZq_56O3bcJYnv1Onfdot1eBq9MgKPezPY54YYKr0uQhqGw5hKGD-QGqGR7GSjlKJ4z4UKMhUNKB3_7GQoE7AApJRrMQKuOiGXXHFsKEiGUnGWVwJj6AFMqmi3sLEBxjihIs5TcD-C06YQ2C4GFg1bv1DU6O92ZNZ8lynrZd3w%3D%3D&sa=X&ved=2ahUKEwi21fCskuH_AhW8nf0HHWTqABQQmxMoAXoECEAQAw)

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[**Size**](https://www.google.com/search?sxsrf=APwXEdefJA_cA_FaZRDsY7ki9GpYD5s-zw:1687789634340&q=sqlite+size&sa=X&ved=2ahUKEwi21fCskuH_AhW8nf0HHWTqABQQ6BMoAHoECFQQAg)**:**699 KiB

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdefJA_cA_FaZRDsY7ki9GpYD5s-zw:1687789634340&q=sqlite+stable+release&sa=X&ved=2ahUKEwi21fCskuH_AhW8nf0HHWTqABQQ6BMoAHoECEMQAg)**:**3.42.0 (16 May 2023; 39 days ago)

## PostgreSQL

PostgreSQL, also known as Postgres, is a free and open-source relational database management system emphasizing extensibility and SQL compliance. It was originally named POSTGRES, referring to its origins as a successor to the Ingres database developed at the University of California, Berkeley. [Wikipedia](https://en.wikipedia.org/wiki/PostgreSQL)

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+programming+languages&stick=H4sIAAAAAAAAAOPgE-LQz9U3MK3MK9fSySi30k_Oz8lJTS7JzM_TL85PKylPLEq1KijKTy9KzM3NzEtXyEnMSy9NTE9dxKpQkF9ckl6UWlyYo4BNRTEALkbQR10AAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ6BMoAHoECF4QAg)**:**[PL/pgSQL](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=PL/pgSQL&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2Epz9NTLNq_ZAobf6OWtCmAM-htdnuiAQMZaVnaPLyni5nXGPt86vAsCvBcCqqFCh73CzEZqj9uh-M6r7WlMTaYxNc83P8sa79BtRE-83kv9wL8oTx6v8Dbz0DGTFc8aqwYss4xAHsQznMFi1WapgPC9swk6PPNW75AlUYPa00PuX8ODxS9e6Tv3Z82zyyUx4MVC3VYoRo0eT05kBLhAL_-QHxrvIMhf7CCmyYXXOXQb7_P8uA%3D%3D&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoAXoECF4QAw), [C](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMsVoq-EAykwkKfix1kElLa6XY84tZAPHmf1VDoG6r9hjsFZjAc11DxuZiyl7G2dH7SMNWu4GqKlcl89gpB2lySPIJYeh6fe22uxBNtZOnrTCLyHrjaDDw9YGGntJ3BM8dhmNBm_-8QxBG_GpCLi72EqESDZEnvZB4Yi9G5T6ceF396seIRw3qhgqDuFd9YSqM53EO5_uZoMrv5eI-vM2ur0pUqqn6G-q2WEg8hV8uUaLZnDNQQ%3D%3D&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoAnoECF4QBA), [PL/Python](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=PL/Python&si=AMnBZoG6iZDerwjt2of0IBkAfPjfrYaVPHtFvmVQ7PdolrFSDJfSzamb5v51IfOz7q8BFyqWyOFYwxUSDqyyztmTgvJWdnw3CCpkm50NX7K-9TVIgKuTui0oq692_ZVtjjvqPrCAScxu3Ok7O7-Z4duwXGMlS8__8A2AXmE-nYkjj44ntmudlYJMDfZHrUM09LzBtmX_RYx-DVmm27t-Mu-FmQIIWe6B9ZpsJh_6CG-YdbNCvLM5-1F6T1-5IxEmhF9_sTsp7QmRutEktgupMAaIIW4Idot3GHk5yNU358LcCFYW_L2xe58%3D&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoA3oECF4QBQ), [PL/Perl](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=PL/Perl&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2H7ZF_5LrbfGa8hjKsTns62mA6YrKy91Ne4VzgeAGnMMsWKKokQKSF7SUTAFkkAaXXfNZ9N4lYnMhBJIVHo0s2Kgn5tOHve5Es4LABi1GCAB38Z1N385n38cjvxxK0FOe19pg02V3qQ3u8yd0SwYaCn92Lr5QSith-gwEx1w2m29TH-13NenTeTp8r-ATJeJL51Cg8ihPlRF25uP6Ykhy2hJKMBADEsVOo6fVpJuqGecqJXD6w%3D%3D&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoBHoECF4QBg), [PL/R](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=PL/R&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQmTta0eED889RtvphJRWddU3uh-jNEd45vp3YQa9_1OLkDY0b-_z_CtihHyuluq6xGRG4F034Nf2-nEpZw0ocfjlMvY5YwAzCdf_5WcWPnrHabcRjeo2iaDX9YzhrpKX_3H47FcqncEQqi8iIbUV-cV4K1zQgI5liEXLsxsunhPv3fyDAU05dbVjahAhL9hImCeJIaDh03VAHgO42ZmMOMLus2oXVHOFIyfwaRAndPy2MMWJFA%3D%3D&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoBXoECF4QBw), [MORE](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+programming+languages&stick=H4sIAAAAAAAAAOPgE-LQz9U3MK3MK9fSySi30k_Oz8lJTS7JzM_TL85PKylPLEq1KijKTy9KzM3NzEtXyEnMSy9NTE9dxKpQkF9ckl6UWlyYo4BNRTEALkbQR10AAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ44YBKAZ6BAheEAg)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+developers&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ6BMoAHoECF0QAg)**:**PostgreSQL Global Development Group

[**Initial release**](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+initial+release&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ6BMoAHoECFkQAg)**:**8 July 1996; 26 years ago

[**License**](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+license&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ6BMoAHoECF8QAg)**:**PostgreSQL License (free and open-source, permissive)

[**Operating system**](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+operating+system&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ6BMoAHoECE4QAg)**:**[Linux](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoAXoECE4QAw), 64-bit [macOS](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=macOS&stick=H4sIAAAAAAAAAONgVuLQz9U3MDWtLFrEypqbmOwfDADb5b_yFAAAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoAnoECE4QBA) (incl. ARM), (64-bit) [Windows](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=Windows&stick=H4sIAAAAAAAAAONgVuLQz9U3MCmKt1jEyh6emZeSX14MAFTjqsQWAAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoA3oECE4QBQ), [FreeBSD](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=FreeBSD&stick=H4sIAAAAAAAAAONgVuLQz9U3MKpMqVjEyu5WlJrqFOwCAOg-RnYWAAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoBHoECE4QBg), [OpenBSD](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=OpenBSD&stick=H4sIAAAAAAAAAONgVuLQz9U3MM0pz13Eyu5fkJrnFOwCAL211REWAAAA&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQmxMoBXoECE4QBw)

[**Preview release**](https://www.google.com/search?sxsrf=APwXEddJ4fzPo8slFd5nxuFeiRre5ZU75A:1687789665734&q=postgresql+preview+release&sa=X&ved=2ahUKEwjm4-y7kuH_AhUMgv0HHXy3BkoQ6BMoAHoECFAQAg)**:**16 Beta 1 / 25 May 2023; 30 days ago

## Oracle Database

Oracle Database is a proprietary multi-model database management system produced and marketed by Oracle Corporation. It is a database commonly used for running online transaction processing, data warehousing and mixed database workloads. [Wikipedia](https://en.wikipedia.org/wiki/Oracle_Database)

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=oracle+database+programming+languages&stick=H4sIAAAAAAAAAOPgE-LUz9U3MCwrt6zS0skot9JPzs_JSU0uyczP0y_OTyspTyxKtSooyk8vSszNzcxLV8hJzEsvTUxPXcSqml-UmJyTqpCSWJKYlFicqoBNWTEAfu0C8GMAAAA&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQ6BMoAHoECEsQAg)**:**[C](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=C&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMl8asY1gDVuJeLJBJSq1eU5Y7KV8aL5cJdEeaQmvSaQffaE93I4_RMx1JXHFKZHDNLeAEczxCpdcr_UGduCGdCUXGj3DmzXdop6Q6Nlae69qcgN8vj8gHko7P59_lNsDiuNcWURmrAT2dRz0imnlQ75-PuCOyEztrB3MplsS04_kOY1L562JDKSkdzXeivQrYGeOHaose0dDSx5xCqAVG4inVU8nC-65W8K5i4MWFg3-LozIqQ%3D%3D&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQmxMoAXoECEsQAw), [C++](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=C%2B%2B&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMv7DrSkUgfPcQZXXprzctoL24uypBQxleUxkb-QdeGT31YU7FNrwYXZh0e0qwrSSyyEKOsI4uyoxeC9lzA83O6QPtTtmzfHKHHCm1ugtCULaSpaS4xs_2gJzSPrHiaTzx1PAVhzF816kVSHitmxGJcCR2IFYsN_B0T0tlZsQ95uy-TnQBkKKqrf1D3c67kOt66KW3Epw-wKC5IKgvsHEUyoBQDDO1MEOA243QDQKC-HbfwirGQ%3D%3D&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQmxMoAnoECEsQBA), [Assembly language](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=Assembly+language&si=AMnBZoFklzgzW3tOmSOWjtBwUptOtV64-xNxhRLyI1XCvnldu2UbwPv8IO3RBUbz0IOJFrMKDPURMgOVT6sWFUG1Zc5D3j_eP7ws8Jce4oQqPOR5UwK5rVddhduWMvyI1fJ3lheiqj2sdRUWooFqLA0t369czUriI7OQi5pJx_9lIMfyQrsLq_fxM46OXBdAfAExXiJSVaggK50jOCBl1L3Qepbue1u1haGq6o1v6ZPZdDxjV2kfyoTEQahESraAwBqB2ZBpa_9OnYBBbDQxa2FAKyY2qAPIHtGpp4ZzNqAXREuFwOh-6Wc%3D&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQmxMoA3oECEsQBQ)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=oracle+database+developers&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQ6BMoAHoECEYQAg)**:**Oracle Corporation

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=oracle+database+initial+release&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQ6BMoAHoECFUQAg)**:**1979; 44 years ago

[**License**](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=oracle+database+license&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQ6BMoAHoECEUQAg)**:**Proprietary

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdfR7CYRIjdIygXtELI_Gv7DjhWi8w:1687789767852&q=oracle+database+stable+release&sa=X&ved=2ahUKEwiVz8XskuH_AhWfh_0HHR6hB1gQ6BMoAHoECEgQAg)**:**21c / 13 January 2021; 2 years ago

## SQL

Programming language

Structured Query Language, is a domain-specific language used in programming and designed for managing data held in a relational database management system, or for stream processing in a relational data stream management system. [Wikipedia](https://en.wikipedia.org/wiki/SQL)

[**Designed by**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+designed+by&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECEUQAg)**:**[Donald D. Chamberlin](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=Donald+D.+Chamberlin&stick=H4sIAAAAAAAAAONgVuLUz9U3SC_PLcxexCrikp-XmJOi4KKn4JyRmJuUWpSTmQcAvfr-tCQAAAA&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQmxMoAXoECEUQAw); [Raymond F. Boyce](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=Raymond+F.+Boyce&stick=H4sIAAAAAAAAAONgVuLSz9U3MCooLsq2WMQqEJRYmZufl6LgpqfglF-ZnAoAJx-DeSEAAAA&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQmxMoAnoECEUQBA)

[**Developer**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+developer&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECFoQAg)**:**[ISO/IEC JTC 1](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=ISO/IEC+JTC+1&stick=H4sIAAAAAAAAAONgVuLSz9U3ME6qyio3XMTK6xnsr-_p6qzgFeKsYAgAu2htFh4AAAA&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQmxMoAXoECFoQAw) ([Joint Technical Committee 1](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=Joint+Technical+Committee+1&stick=H4sIAAAAAAAAAONgVuLSz9U3ME6qyio3XMQq7ZWfmVeiEJKanJGXmZyYo-Ccn5ubWVKSmqpgCABz-YJaLAAAAA&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQmxMoAnoECFoQBA)) / SC 32 (Subcommittee 32) / WG 3 (Working Group 3)

[**Family**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+family&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECFwQAg)**:**Query language

[**First appeared**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+first+appeared&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECFsQAg)**:**1974; 49 years ago

[**Paradigm**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+paradigm&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECEQQAg)**:**[Declarative](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=Declarative&stick=H4sIAAAAAAAAAONgVuLUz9U3MEypyM1exMrtkpqck1iUWJJZlgoACBFaxBsAAAA&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQmxMoAXoECEQQAw)

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+stable+release&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECEMQAg)**:**SQL:2023 / June 2023; 0 months ago

[**Typing discipline**](https://www.google.com/search?sxsrf=APwXEdcDDoWMaf8HsP4JgmYhGVt8iajXkw:1687789752048&q=sql+typing+discipline&sa=X&ved=2ahUKEwjz7oDlkuH_AhW8gv0HHbS9AjIQ6BMoAHoECF0QAg)**:**Static, strong

## NoSQL

A NoSQL database provides a mechanism for storage and retrieval of data that is modeled in means other than the tabular relations used in relational databases. Such databases have existed since the late 1960s, but the name "NoSQL" was only coined in the early 21st century, triggered by the needs of Web 2.0 companies.

# Skill 3

## AWS Lambda

AWS Lambda is an event-driven, serverless computing platform provided by Amazon as a part of Amazon Web Services. It is a computing service that runs code in response to events and automatically manages the computing resources required by that code. It was introduced on November 13, 2014. [Wikipedia](https://en.wikipedia.org/wiki/AWS_Lambda)

[**Initial release date**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEder6eZ1__90L5xLE6gUGifMB3Xobg:1687783577444&q=aws+lambda+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEwqN0mOT0kv1FLOKLfST87PyUlNLsnMz9Mvzk8rKU8sSrVKLChITSxSSEksSV3EKp9YXqyQk5iblJKokJmXWZKZmKNQlJqTmlicClYBAC7w6KpYAAAA&sa=X&ved=2ahUKEwjLi93k--D_AhV7g_0HHcSxAEwQ6BMoAHoECE4QAg)**:**November 13, 2014

[**Developer**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEder6eZ1__90L5xLE6gUGifMB3Xobg:1687783577444&q=aws+lambda+developer&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEwqN0mOT0kv1JLPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqklherJCTmJuUkqgAFwYAHJLQEkkAAAA&sa=X&ved=2ahUKEwjLi93k--D_AhV7g_0HHcSxAEwQ6BMoAHoECFEQAg)**:**[Amazon.com](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEder6eZ1__90L5xLE6gUGifMB3Xobg:1687783577444&q=Amazon&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMgMeKz2_ymr-AraXalpesFydj8Oe4JY7m1NJWhd_bfmOloupNnWiHHp_XrkxozSK0zgx_AcHp-k3qMbG3U4BK_9rUVSva1doKlCb2M-H9iV2fFAnbsNsZRw0gOZiUVe-vWXYGS7z79IOeleK-fC-oKQgAt7Z&sa=X&ved=2ahUKEwjLi93k--D_AhV7g_0HHcSxAEwQmxMoAXoECFEQAw)

## HubSpot

HubSpot is an American developer and marketer of software products for inbound marketing, sales, and customer service. HubSpot was founded by Brian Halligan and Dharmesh Shah in 2006. [Wikipedia](https://en.wikipedia.org/wiki/HubSpot)

[**CEO**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=hubspot+ceo&stick=H4sIAAAAAAAAAOPgE-LSz9U3MKqsyE1K1lLMTrbSzy9KT8zLrEosyczPQ-FYJafmL2LlzihNKi7IL1EA8gCJ3TmGPwAAAA&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQ6BMoAHoECFAQAg)**:**[Yamini Rangan](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=Yamini+Rangan&si=AMnBZoEZ8aFftZu792frFYrnK9KQYGXRL3UTeDeHB9-uc0sfFYSdQ3R4CLhQQHqTZwF2OM6Nwkla_0ba_CSIXUbvo92WaC9unlcUGki2CRqY7VU0YZnVnWYgGTniVgLzLdvuW0A6sD-2frMvcdexsjzNBdtnFJh-guvg_xPmbFaooa6lR_mCFqHQ9CVuenKgj4yG-9ZAmUEFdKQQMa-On1uLA65YJRwHTQ%3D%3D&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQmxMoAXoECFAQAw) (Sep 7, 2021–)

[**Headquarters**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=hubspot+headquarters&stick=H4sIAAAAAAAAAOPgE-LSz9U3MKqsyE1K1tLKTrbSzy9KT8zLrEosyczPQ-FYZaQmphSWJhaVpBYVL2IVyShNKi7IL1FAFgYAD_9zHVEAAAA&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQ6BMoAHoECEsQAg)**:**[Cambridge, Massachusetts, United States](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=Cambridge,+Massachusetts&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMipQd96ISnYDbWi0HEmci6AThrbvWL9a81la7oZjaBR2dL3SqB-4msJDysBvlNa2zYpRB7r0Mza4zzwhYoxlNeBxTyo9vzfgCNd30iYiHsJAkTMpwQM_ND0k_OtFs0BDR_tkVG92GE5vbU0s00epoD-Esaxl2qiNZWTup29T67N3ewgMXA%3D%3D&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQmxMoAXoECEsQAw)

[**Founders**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=hubspot+founders&stick=H4sIAAAAAAAAAOPgE-LSz9U3MKqsyE1K1lLPTrbSTyotzsxLLS6GM-LzC1KLEksy8_Os0vJL81JSixaxCmSUJhUX5JcoQEWKAQTOFy9KAAAA&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQ6BMoAHoECE8QAg)**:**[Dharmesh Shah](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=Dharmesh+Shah&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQmcX6J6To53wM3b9hOq7ls7m6xWmLZNIKdkDwQ9h9jITuM0KnlNAF1V-i156K68g4NCuJB4ZzUNRtOYh_Q5eV8LNcaB_EnFVpIqjiT84oJbDMK5Wz8jU9q8JgQYFquJpUv6tEweEhxeZmM-0S7NJgIp-k4BPaJKxU5Hj8l8tgmwhlakC165EKNVZSGFXlMkXhO4xuH0fXbU_TAXHhiSc6dnEn5MR2mG2y66Fi79Du-xlHDB0rg%3D%3D&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQmxMoAXoECE8QAw), [Brian Halligan](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=Brian+Halligan&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQvMy6cFCuZnVvxoiK9cpOl8m68ZT2Ou-tWAtz1V-jSqV0-v3f-Lo_Cuh1NeGY6JkhAE8b97FEO4K9JPnBOqTP0su1S9WcZNZnoIhXzKSnAmtrpuYrC_StmASwYsXkmYffKIyE2tf9xOUW_VLzscIvCCyzfWKWm0iZ1yB8c6e9SZEHawNnQ8p6Q8GzU0fCK5mZxRvoYPqZnfOpxI_pnST0uL-PkarnG7wZlCFt9zE48B6p033tg%3D%3D&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQmxMoAnoECE8QBA)

[**Total assets**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=hubspot+total+assets&stick=H4sIAAAAAAAAAOPgE-LSz9U3MKqsyE1K1tLMKLfST87PyUlNLsnMz9PPL0pPzMusSgRxiq1K8ksScxQSi4tTS4oXsYpklCYVF-SXKCALAwAmPXChUAAAAA&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQ6BMoAHoECEgQAg)**:**2.54 billion USD (2022)

[**Founded**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=hubspot+founded&stick=H4sIAAAAAAAAAOPgE-LSz9U3MKqsyE1K1lLNTrbSzy9KT8zLrEosyczPQ-FYpeWX5qWkpixi5c8oTSouyC9RgIoAAMflf_pHAAAA&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQ6BMoAHoECEkQAg)**:**June 2006, [Cambridge, Massachusetts, United States](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=Cambridge,+Massachusetts&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMipQd96ISnYDbWi0HEmci6AThrbvWL9a81la7oZjaBR2dL3SqB-4msJDysBvlNa2zYpRB7r0Mza4zzwhYoxlNeBxTyo9vzfgCNd30iYiHsJAkTMpwQM_ND0k_OtFs0BDR_tkVG92GE5vbU0s00epoD-Esaxl2qiNZWTup29T67N3ewgMXA%3D%3D&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQmxMoAXoECEkQAw)

[**Number of employees**](https://www.google.com/search?biw=1920&bih=937&sxsrf=APwXEdc8-yT6fyUe72zB9bTN_yHl_N_tSQ:1687783789591&q=hubspot+number+of+employees&sa=X&ved=2ahUKEwjPvPHJ_OD_AhXyhP0HHQF6DaYQ6BMoAHoECE4QAg)**:**7,433 (2022)

HubSpot is a powerful inbound marketing and sales platform that can help businesses of all sizes to grow and manage their customer relationships more effectively. Here are some situations where you might consider using HubSpot:

1. You want to improve your lead generation: HubSpot offers a suite of tools designed to help businesses attract, convert, and close more leads.
2. You need a better way to manage your sales process: HubSpot's CRM system provides a centralized location for managing contacts, deals, and pipelines.
3. You want to automate your marketing activities: HubSpot offers a range of automation tools, including email marketing, social media scheduling, and lead nurturing.
4. You're looking for an all-in-one solution: HubSpot brings together a variety of marketing and sales tools in one platform, making it easier to manage your entire funnel.
5. You want to track ROI: HubSpot provides detailed analytics and reporting, allowing you to track the performance of your campaigns and measure your return on investment.

Ultimately, the decision to use HubSpot will depend on your specific business needs and goals. However, if you're looking for a comprehensive marketing and sales platform with powerful automation capabilities, HubSpot is definitely worth considering.

## Tailwind CSS

Tailwind CSS is an open source CSS framework. The main feature of this library is that, unlike other CSS frameworks like Bootstrap, it does not provide a series of predefined classes for elements such as buttons or tables. [Wikipedia](https://en.wikipedia.org/wiki/Tailwind_CSS)

[**Programming language**](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=tailwind+css+programming+language&stick=H4sIAAAAAAAAAOPgE-LVT9c3NMwtNzc2L0kq0dLJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EqliSmJlTnpmXopBcXKyATQ0As778S2MAAAA&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8Q6BMoAHoECE4QAg)**:**[CSS](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=CSS&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2KaLCZpGwCjLBtjk5FCwKg9TK2B_qAXJl-3zUKI-QWIj-8up2FrTAVvLgPwPoBUWFQCU53Wk0-hJi0Fa0VKXZJSLUasZ9eUnygwlERaeE0c4ncZS3Obp3JfoXjokBpVsI4YrHgfh9eALB9xBV_tfA5y8P6xs&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8QmxMoAXoECE4QAw)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=tailwind+css+developers&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8Q6BMoAHoECE0QAg)**:**Tailwind Labs

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[**Original author(s)**](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=tailwind+css+original+authors&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8Q6BMoAHoECEkQAg)**:**Adam Wathan, [Jonathan Reinink](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=Jonathan+Reinink&stick=H4sIAAAAAAAAAONgVuLVT9c3NExPyqiosiwvXMQq4JWfl1iSkZinEJSamZeZlw0AA7QdVyQAAAA&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8QmxMoAXoECEkQAw), David Hemphill, and [Steve Schoger](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=Steve+Schoger&stick=H4sIAAAAAAAAAONgVuLVT9c3NMwwyS0sMzQ1WMTKG1ySWpaqEJyckZ-eWgQArue7nCEAAAA&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8QmxMoAnoECEkQBA)

[**Stable release**](https://www.google.com/search?sxsrf=APwXEdeKkQVNqBPuuSWrJRQt0Hn-9DJG_Q:1687783945589&q=tailwind+css+stable+release&sa=X&ved=2ahUKEwj5pqKU_eD_AhXZ9bsIHQWwBq8Q6BMoAHoECEYQAg)**:**3.3.2 / 25 April 2023

## Bootstrap

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains HTML, CSS and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components. [Wikipedia](https://en.wikipedia.org/wiki/Bootstrap_(front-end_framework))

[**Programming languages**](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=bootstrap+programming+languages&stick=H4sIAAAAAAAAAOPgE-LSz9U3yDIzN8zJ09LJKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqKMpPL0rMzc3MS1fIScxLL01MT13EKp-Un19SXFKUWKCATUExACBn8oleAAAA&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQ6BMoAHoECFMQAg)**:**[CSS](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=CSS&si=AMnBZoEofOODruSEFWFjdccePwMH96ZlZt3bOiKSR9t4pqlu2L2hY4AHx3BJpyKuwLh3WwCWNSoLt-VEMZmxNyB5u29GWkrvK0DE9fnIOplCvLSlB7AbPbSDhhz0gXgqfb6hvpkixR40ukjX79lx0WIhjFunur9utrzudhoKuSYeGzq0zhH_KBorOO1WxwLqPNL4PyO9ajP9tgdvbLIFPVfwoLavpubgvAaeSzZ2PNtI7M488l7onK8ClGJVmzCbb-pYYU5bKec0sLuLFtzFHyYFxFMmpQNfUA%3D%3D&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQmxMoAXoECFMQAw), [JavaScript](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=JavaScript&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMoq2-12W-ClTvJmdyPmRGgTH9wD5XEwJHh4--thes3_WkMbfj4CCfAoMRUZrwJpWnjaDExlJsjoreqYPyP278GZ1iYt73JFT9Hhz9_rJ9iyWexgq_YICnrX1HiGy8aY2q0J1sLx18pK0oMqGhnVo49XA4Wde4GoA9kREGIIyERTvsRSqmQhMZDv-Y5BBKCKRZkUcarYjKC4bDZ_JzHb40gUTekvb358pCWRGLeZ6PGW6EqkeoBXXClCdPMeXxX00TU2nM3Q%3D&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQmxMoAnoECFMQBA), [Sass](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=Sass&si=AMnBZoEv-6I3nbvT8LVh9Y4ZdcGhiLKCu_qk6pku7MxgRC5XI844xKsNg2kGTO-ZBePvQQU-g9BsrgvGXINEq49ZboAj-EK8JLzIGUW7H37uHtIxhafQ-6GUGp9NHxkcPPqOrmSgA9qIM31MTriUcATn6RE4kuoS8XAEOLEPLG-4ohzuN78WumXjQl2BhzbRYVfHLV59WBGYiSwO-YL5IOzzrZq5m-m0BbSxaG2H3dGPncEWvoLYjOU_zLiftGT2TsCmArfJxMafXwy3v7gn7Yc9PNpYAndkDYKycX5bxF8qpJdWk4HoZbY%3D&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQmxMoA3oECFMQBQ), [Less](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=Less&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQlcR1AJN1mMvreDFNSCcmUbl8AqNcn49uqadaEDO3CsX07-ygSnQ1vsnhuXW5uv0sJcBrae7F5Fy4CslvmezuagpIjOLrT3_yS3BONFcu1Za6s21ra16nl6nwo-Dwmjhc4zdW9ItSAz7mhZ61QgeX9KA7v_sVMNzYqXQVIooWPg-NRAlxmIF7N_d9vewzbErgC4twuJKbf4tQe9ujn_sVzVNSv7aKRMfK5b-cfdPPernu7C_-Q%3D%3D&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQmxMoBHoECFMQBg)

[**Platform**](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=bootstrap+platform&stick=H4sIAAAAAAAAAOPgE-LSz9U3yDIzN8zJ01LIKLfST87PyUlNLsnMz9Mvzk8rKU8sSrUqyEksScsvyl3EKpSUn19SXFKUWKAAEwQArCNto0UAAAA&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQ6BMoAHoECFAQAg)**:**[Web platform](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=Web+platform&si=AMnBZoG3cRyxvViEiVWeqgrn-CuWcnxp6_6_G7EH225wAKYHQjfidGZdwXzJeEGvWpkKIXCtYmEFOvDXvQnaFrnPov8gifhJo-rigCeulCmZv7Sn4sEfoKLJOvle_Fgv2z2RiVr2VaCNhbfkxqslSYYmnF2M3yqqIJesTuegX35mLCVgY6LvYRxirNPKpB4yCOYanQc1aJjjQ5q8P7CqH21dDDhSaiakdg%3D%3D&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQmxMoAXoECFAQAw)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=bootstrap+developers&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQ6BMoAHoECEoQAg)**:**Bootstrap Core Team

[**Initial release**](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=bootstrap+initial+release&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQ6BMoAHoECEwQAg)**:**August 19, 2011; 11 years ago

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[**Original author(s)**](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=bootstrap+original+authors&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQ6BMoAHoECEYQAg)**:**[Mark Otto, Jacob Thornton](https://www.google.com/search?sxsrf=APwXEdc5bBuLTmpjdWMN-tYI-BHFCADSnQ:1687783994338&q=Mark+Otto,+Jacob+Thornton&stick=H4sIAAAAAAAAAONgVuLVT9c3NMxIKTTNMozPXsQq6ZtYlK3gX1KSr6PglZicn6QQkpFflFeSnwcAg6QPyy0AAAA&sa=X&ved=2ahUKEwi6qMKr_eD_AhWlgv0HHYvEA9QQmxMoAXoECEYQAw)

## Wordpress

WordPress is a web content management system. It was originally created as a tool to publish blogs but has evolved to support publishing other web content, including more traditional websites, mailing lists and Internet forum, media galleries, membership sites, learning management systems and online stores. [Wikipedia](https://en.wikipedia.org/wiki/WordPress)

[**Developer(s)**](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=wordpress+developers&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQ6BMoAHoECEcQAg)**:**Community contributors; WordPress Foundation

[**Programming language**](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=wordpress+programming+language&stick=H4sIAAAAAAAAAOPgE-LUz9U3MCorKcjR0skot9JPzs_JSU0uyczP0y_OTyspTyxKtSooyk8vSszNzcxLV8hJzEsvTUxPXcQqV55flFJQlFpcrIBNAQAs4OL9XAAAAA&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQ6BMoAHoECE0QAg)**:**[PHP](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=PHP&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMjqHCvOvLi74BPRGZcsVI_sUxb-yTxlCiNU64oBr9t5rjcd_R_gmUsQabwMJ1RhVgdqv3hlXY1Sp6mv3W5MYipiMj1UhKELRhU81GMf4lZ2qYruHuoXSPF9B6HEaF6zlrhd6T91i47bzYe9jaGOHh7F0KRu-&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQmxMoAXoECE0QAw)

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=wordpress+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LUz9U3MCorKcjRUs4ot9JPzs_JSU0uyczP0y_OTyspTyxKtUosKEhNLFJISSxJXcQqV55flFJQlFpcrJCZl1mSmZijUJSak5pYnApWAABRvtnRUwAAAA&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQ6BMoAHoECEoQAg)**:**May 27, 2003

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[**Operating system**](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=wordpress+operating+system&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQ6BMoAHoECFAQAg)**:**[Unix-like](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=Unix-like&stick=H4sIAAAAAAAAAONgVuLQz9U3MC_JK1jEyhmal1mhm5OZnQoAK01q-BgAAAA&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQmxMoAXoECFAQAw), Windows, [Linux](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=Linux&stick=H4sIAAAAAAAAAONgVuLUz9U3SCuoqipYxMrqk5lXWgEATgerNhUAAAA&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQmxMoAnoECFAQBA)

[**Original author(s)**](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=wordpress+original+authors&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQ6BMoAHoECEkQAg)**:**[Mike Little](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=Mike+Little&stick=H4sIAAAAAAAAAONgVuLSz9U3yDLPSa80XcTK7ZuZnargk1lSkpMKAD0pnJYcAAAA&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQmxMoAXoECEkQAw); [Matt Mullenweg](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=Matt+Mullenweg&stick=H4sIAAAAAAAAAONgVuLUz9U3ME1JKyhaxMrnm1hSouBbmpOTmleemg4Af-XgWR4AAAA&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQmxMoAnoECEkQBA)

[**Repository**](https://www.google.com/search?sxsrf=APwXEddsemmlr28IbbFgtV8iBuZDv0KwAA:1687784143074&q=wordpress+repository&sa=X&ved=2ahUKEwiGrrjy_eD_AhVC7rsIHTdBDoIQ6BMoAHoECEgQAg)**:**core.trac.wordpress.org/browser

## AWS Lambda

AWS Lambda is an event-driven, serverless computing platform provided by Amazon as a part of Amazon Web Services. It is a computing service that runs code in response to events and automatically manages the computing resources required by that code. It was introduced on November 13, 2014. [Wikipedia](https://en.wikipedia.org/wiki/AWS_Lambda)

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEdfXvW6x7LfNqoeLec6gteR1fVfHjA:1687784196051&q=aws+lambda+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEwqN0mOT0kv1FLOKLfST87PyUlNLsnMz9Mvzk8rKU8sSrVKLChITSxSSEksSV3EKp9YXqyQk5iblJKokJmXWZKZmKNQlJqTmlicClYBAC7w6KpYAAAA&sa=X&ved=2ahUKEwiF6dmL_uD_AhX6_7sIHYObAOQQ6BMoAHoECFAQAg)**:**November 13, 2014

[**Developer**](https://www.google.com/search?sxsrf=APwXEdfXvW6x7LfNqoeLec6gteR1fVfHjA:1687784196051&q=aws+lambda+developer&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEwqN0mOT0kv1JLPTrbST87PLSgtSS3SL85PKylPLEq1SkktS83JL0gtWsQqklherJCTmJuUkqgAFwYAHJLQEkkAAAA&sa=X&ved=2ahUKEwiF6dmL_uD_AhX6_7sIHYObAOQQ6BMoAHoECFEQAg)**:**[Amazon.com](https://www.google.com/search?sxsrf=APwXEdfXvW6x7LfNqoeLec6gteR1fVfHjA:1687784196051&q=Amazon&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMgMeKz2_ymr-AraXalpesFydj8Oe4JY7m1NJWhd_bfmOloupNnWiHHp_XrkxozSK0zgx_AcHp-k3qMbG3U4BK_9rUVSva1doKlCb2M-H9iV2fFAnbsNsZRw0gOZiUVe-vWXYGS7z79IOeleK-fC-oKQgAt7Z&sa=X&ved=2ahUKEwiF6dmL_uD_AhX6_7sIHYObAOQQmxMoAXoECFEQAw)

## Amazon Simple Queue Service

Amazon Simple Queue Service is a distributed message queuing service introduced by Amazon.com as a beta in late 2004, and generally available in mid 2006. It supports programmatic sending of messages via web service applications as a way to communicate over the Internet. [Wikipedia](https://en.wikipedia.org/wiki/Amazon_Simple_Queue_Service)

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEdelq9UUlAsipc4KiT5SLoO8QvH_pQ:1687784224978&q=amazon+simple+queue+service+initial+release+date&stick=H4sIAAAAAAAAAB3LPQqDQBAG0EoIFhaeYCBdml0svc2w-YIDsz-ZWSPkOJ5U8PXvMc1jyCEu5iXr67kda0hVFalLLcHrpx9sWLk1sNGbO84hcuZ_LeSSm4K-O3aQw36SQFKkCysZFOy4ywXCn7olZgAAAA&sa=X&ved=2ahUKEwiQrL-Z_uD_AhVihP0HHa0eB14Q6BMoAHoECEgQAg)**:**2004

## Amazon Aurora

Amazon Aurora is a relational database service developed and offered by Amazon Web Services beginning in October 2014. Aurora is available as part of the Amazon Relational Database Service. [Wikipedia](https://en.wikipedia.org/wiki/Amazon_Aurora)

[**Initial release date**](https://www.google.com/search?sxsrf=APwXEdfK01RT7Mfo9S7lnZLQnhw3-ac28w:1687784610327&q=amazon+aurora+initial+release+date&stick=H4sIAAAAAAAAAOPgE-LWz9U3MDSyTDe1NNJSzii30k_Oz8lJTS7JzM_TL85PKylPLEq1SiwoSE0sUkhJLEldxKqUmJtYlZ-nkFhalF-UqJCZl1mSmZijUJSak5pYnApWBACajnfTWQAAAA&sa=X&ved=2ahUKEwi-9Z7R_-D_AhXFg_0HHdJ7CVgQ6BMoAHoECE8QAg)**:**October 2014

[**Developer**](https://www.google.com/search?sxsrf=APwXEdfK01RT7Mfo9S7lnZLQnhw3-ac28w:1687784610327&q=amazon+aurora+developer&stick=H4sIAAAAAAAAAOPgE-LWz9U3MDSyTDe1NNKSz0620k_Ozy0oLUkt0i_OTyspTyxKtUpJLUvNyS9ILVrEKp6Ym1iVn6eQWFqUX5SoAJcBAI7uWWBKAAAA&sa=X&ved=2ahUKEwi-9Z7R_-D_AhXFg_0HHdJ7CVgQ6BMoAHoECE0QAg)**:**[Amazon.com](https://www.google.com/search?sxsrf=APwXEdfK01RT7Mfo9S7lnZLQnhw3-ac28w:1687784610327&q=Amazon&si=AMnBZoFk_ppfOKgdccwTD_PVhdkg37dbl-p8zEtOPijkCaIHMkFbcVnckQH1H2z1a59vkCd9djP40Wu2mfnbFrO27YuRTiDtdLop3mmctpv09BX4ItQ4KywdiyMJJLv3EroCpACWP_jg9TL8lZa-r1Dn_m6PKt9NaR9hbqEZudicxPG_xvcicMeSaT43DvsTWGXphxoWpLdV&sa=X&ved=2ahUKEwi-9Z7R_-D_AhXFg_0HHdJ7CVgQmxMoAXoECE0QAw)

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## CMS

A content management system (CMS) is a system used to manage the content of a website. A content management framework (CMF) is a system that facilitates the use of reusable components or customized software for managing Web content. It shares aspects of a Web application framework and a content management system (CMS).

CI/CD

In software engineering, CI/CD or CICD is the combined practices of continuous integration and continuous delivery or, less often, continuous deployment. They are sometimes referred to collectively as continuous development or continuous software development. [Wikipedia](https://en.wikipedia.org/wiki/CI/CD)

## 5 major types of programming languages

* Procedural programming languages. A procedural language follows a sequence of statements or commands in order to achieve a desired output. ...
* Functional programming languages. ...
* Object-oriented programming languages. ...
* Scripting languages. ...
* Logic programming languages.