WikipediA

Application software

Article Talk

From Wikipedia, the free encyclopedia

**Application software** is any computer program that is intended for end-user use – not operating, administering or programming the computer. An application (app, application

program, software application) is any program that can be categorized as application software. [1][2] Common types of applications include word processor, media player and accounting software. The term application software refers to all applications collectively<sup>[3]</sup> and can be used to

differentiate from system and utility software.

Applications may be bundled with the computer and its system software or published

separately. Applications may be proprietary or open-source. [4]

the iOS App Store, to refer to applications for mobile devices such as smartphones and tablets. Later, with introduction of the Mac App Store (in 2010) and Windows Store (in 2011), the term was extended in popular use to include desktop applications.

The delineation between system software such as operating systems and application software is not exact and is occasionally the

1/xCE  $\otimes$ 7 9 The short term app (coined in 1981 or earlier<sup>[5]</sup>) became popular with the 2008 introduction of 2 1 3 10

文 82 languages

3

0

Read Edit View history Tools

Calculator

≡ Standard

Terminology [edit] object of controversy. [6] For example, one of the key questions in the *United States v. Microsoft Corp.* antitrust trial was whether

and the operating systems built over this kernel. In some types of embedded systems, the application software and the operating system software may be indistinguishable by the user, as in the case of software used to control a VCR, DVD player, or microwave oven. The above definitions may exclude some applications that may exist on some computers in large organizations. For an alternative definition of an app: see Application Portfolio Management. When used as an adjective, *application* is not restricted to mean: of or on application software. [6] For example, concepts such as application programming interface (API), application server, application virtualization, application lifecycle management and portable application apply to all computer programs alike, not just application software.

platform. This is called a killer application or killer app, coined in the late 1980s. [7][8] For example, VisiCalc was the first modern spreadsheet software for the Apple II and helped sell the then-new personal computers into offices. For the BlackBerry, it was its email software.

Sometimes a new and popular application arises that only runs on one platform that results in increasing the desirability of that

### Platform specific naming [edit]

Killer app [edit]

Some applications are available for multiple platforms while others only work on one and are thus called, for example, a geography application for Microsoft Windows, or an Android application for education, or a Linux game. Classification [edit] There are many different and alternative ways to classify application software.

# From the legal point of view, application software is mainly classified with a black-box approach, about the rights of its end-users or

subscribers (with eventual intermediate and tiered subscription levels). Software applications are also classified with respect to the programming language in which the source code is written or executed,

#### Application software is usually distinguished into two main classes: closed source vs open source software applications, and free or

proprietary software applications.

principle states that software may be "open only for extension, but not for modification". Such applications can only get add-ons from third parties.

Proprietary software is placed under the exclusive copyright, and a software license grants limited usage rights. The open-closed

decays or expiring dates to the license terms of use. Public-domain software is a type of FOSS which is royalty-free and - openly or reservedly- can be run, distributed, modified, reversed, republished, or created in derivative works without any copyright attribution and therefore revocation. It can even be sold, but without transferring the public domain property to other single subjects. Public-domain SW can be released under a (un)licensing legal

computer. There has been a contentious debate in the computing community regarding web applications replacing native applications for many purposes, especially on mobile devices such as smartphones and tablets. Web apps have indeed greatly increased in popularity for some uses, but the advantages of applications make them unlikely to disappear soon, if ever. Furthermore, the two can be complementary, and even integrated. [9][10][11] By purpose and output [edit]

a web browser — and the more traditional native applications written in whatever languages are available for one's particular type of

purposes, e.g. graphics or music.

(CRM) systems, data replication engines, and supply chain management software. Departmental Software is a sub-type of enterprise software with a focus on smaller organizations or groups within a large organization. (Examples include travel expense management and IT Helpdesk.) • Enterprise infrastructure software provides common capabilities needed to support enterprise software systems. (Examples include databases, email servers, and systems for managing networks and security.) • Application platform as a service (aPaaS) is a cloud computing service that offers development and deployment environments for

• Information worker software lets users create and manage information, often for individual projects within a department, in contrast

documentation tools. Word processors, spreadsheets, email and blog clients, personal information systems, and individual media

to enterprise management. Examples include time management, resource management, analytical, collaborative and

• Content access software is used primarily to access content without editing, but may include software that allows for content

editing. Such software addresses the needs of individuals and groups to consume digital entertainment and published digital content. (Examples include media players, web browsers, and help browsers.) Educational software is related to content access software, but has the content or features adapted for use by educators or students. For example, it may deliver evaluations (tests), track progress through material, or include collaborative capabilities. • Simulation software simulates physical or abstract systems for either research, training, or entertainment purposes. • Media development software generates print and electronic media for others to consume, most often in a commercial or

Applications can also be classified by computing platforms such as a desktop application for a particular operating system, [16] delivery network such as in cloud computing and Web 2.0 applications, or delivery devices such as mobile apps for mobile devices. The operating system itself can be considered application software when performing simple calculating, measuring, rendering, and word processing tasks not used to control hardware via a command-line interface or graphical user interface. This does not include application software bundled within operating systems such as a software calculator or text editor.

 Demo • 64K intro

Classroom management

Sales readiness software

• Reference software

 Encyclopedia software **Enterprise infrastructure software** [edit] Artificial Intelligence for IT Operations (AIOps)

Business workflow software

Database management system (DBMS)

Document management software

Digital asset management (DAM) software

 Computer simulators Scientific simulators Social simulators

Battlefield simulators

Emergency simulators

Flight simulators

Driving simulators

Vehicle simulators

 3D computer graphics software Animation software Graphic art software

> Raster graphics editor Vector graphics editor

 HTML editor · Game development tool

Hardware engineering

- Linker Debugger
- Super-app Mobile application that provides multiple services including financial transactions References [edit]
- 4949 ℃. Informational. 3. ^ "Application software" ☑. PC Magazine. Ziff Davis. 4. ^ Ryan, Thorne (2013-03-14). "Caffeine and computer screens:
- 7. ^ Dvorak, John (1989-07-01). "Looking to OS/2 for the next killer app is barking up the wrong tree. Here's where they really come from" L. PC Magazine. Ziff Davis. Retrieved 2023-03-25.
- 13. ^ "What Are Horizontal Services?" ☑. Archived from the original ☑ on 2013-10-31. 14. ^ "What is Application Software & Its Types | eduCBA" \(\mathbb{Z}\). eduCBA. 2015-12-21. Retrieved 2017-03-24.

8. ^ "killer app" ∠. dictionary.com. Retrieved 2023-03-26. "Origin of

9. ^ Gassée, Jean-Louis (2012-09-17). "The Silly Web vs. Native

Apps Debate" ∠. Archived from the original ∠ on 2016-04-15.

10. ^ Frechette, Casey (2013-04-11). "What journalists need to know

about the difference between Web apps and native apps" 2.

killer app 1985-1990"

Retrieved 2013-07-14.

Retrieved 2013-07-14.

ISBN 0-465-02990-6.

Poynter. Retrieved 2017-01-04.

Wikimedia Commons has media related to Application software.

History of the Information Machine. New York: Basic Books.

A calculator application on Windows Microsoft's Internet Explorer web browser was part of its Windows operating system or a separate piece of application software. As

another example, the GNU/Linux naming controversy is, in part, due to disagreement about the relationship between the Linux kernel

and concerning their purpose and outputs. By property and use rights [edit]

Free and open-source software (FOSS) shall be run, distributed, sold, or extended for any purpose, and -being open- shall be modified or reversed in the same way. FOSS software applications released under a free license may be perpetual and also royalty-free. Perhaps, the owner, the holder or

third-party enforcer of any right (copyright, trademark, patent, or ius in re aliena) are entitled to add exceptions, limitations, time

By coding language [edit] Since the development and near-universal adoption of the web, an important distinction that has emerged, has been between web applications — written with HTML, JavaScript and other web-native technologies and typically requiring one to be online and running

statement, which enforces those terms and conditions for an indefinite duration (for a lifetime, or forever).

Application software can also be seen as being either horizontal or vertical. [12][13] Horizontal applications are more popular and widespread, because they are general purpose, for example word processors or databases. Vertical applications are niche products, designed for a particular type of industry or business, or department within an organization. Integrated suites of software will try to handle every specific aspect possible of, for example, manufacturing or banking worker, accounting, or customer service. There are many types of application software: [14]

An application suite consists of multiple applications bundled together. They usually have related functions, features, and user

interfaces, and may be able to interact with each other, e.g. open each other's files. Business applications often come in suites,

• Enterprise software addresses the needs of an entire organization's processes and data flows, across several departments, often in a large distributed environment. Examples include enterprise resource planning systems, customer relationship management

e.g. Microsoft Office, LibreOffice and iWork, which bundle together a word processor, a spreadsheet, etc.; but suites exist for other

## application services.

application programmer interfaces.

Information worker software [edit]

By platform [edit]

Accounting software

Contact manager

Database software

Word processor

Blog software

Financial software

Enterprise resource planning

Banking software

Clearing systems

Financial software

Field service management

Financial accounting software

Workforce management software

Document automation

Data management

Spreadsheet

Documentation

editors may aid in multiple information worker tasks.

educational setting. This includes graphic-art software, desktop publishing software, multimedia development software, HTML editors, digital-animation editors, digital audio and video composition, and many others. [15]

 Product engineering software is used in developing hardware and software products. This includes computer-aided design (CAD), computer-aided engineering (CAE), computer language editing and compiling tools, integrated development environments, and

• Entertainment Software can refer to video games, screen savers, programs to display motion pictures or play recorded music, and

other forms of entertainment which can be experienced through the use of a computing device.

- Desktop publishing software Diagramming software Presentation software Email
- Project management software Calendaring software Employee scheduling software Workflow software Reservation systems
- Educational software [edit]

Main article: List of educational software

Personal computer games

Entertainment software [edit]

Arcade video games

Console games

Mobile games

Screen savers

Video games

Software art

- Survey management
- Geographic information system (GIS) Simulation software [edit]
- Simulation games Vehicle simulation games Media development software [edit]

Image organizer

Video editing software

Audio editing software

 Music sequencer Scorewriter

**Product engineering software** [edit]

Computer-aided engineering

Finite element analysis

**Software engineering** [edit]

Compiler software

• Computer-aided design (CAD)

Computer-aided manufacturing (CAM)

Digital audio workstation

- Integrated development environment Compiler
- Web application Application that uses a web browser as a client Server application – Computer to access a central resource or service on a network

See also [edit]

- 6. ^ a b Ulrich, William (August 31, 2006). "Application Package Software: The Promise Vs. Reality" . Cutter Consortium. Cutter Benchmark Review. Archived ∠ from the original on 2 February
- student programmers endure weekend long appathon" 2. The Arbiter. Archived from the original 

  on 2016-07-09. Retrieved 2015-10-12. 5. ^ Thom Holwerda (24 June 2011). "The History of 'App' and the Demise of the Programmer" ∠. osnews.com. Retrieved 2023-01-12.
- membership ∠ required.)
- External links [edit] • m Learning materials related to Application software at Wikiversity

Germany ♂ · Czech Republic ♂

- Version control · Game development tool License manager

Software development – Creation and maintenance of software

Mobile app – Software application designed to run on mobile devices

2. ^ R. Shirey (August 2007). Internet Security Glossary, Version 2 ℃. Network Working Group. doi:10.17487/RFC4949 ∂. RFC

1. ^ "application software" 6. Oxford English Dictionary (Online ed.).

Oxford University Press. (Subscription or participating institution

- 2016. Retrieved 2023-01-12.
- 15. ^ Campbell-Kelly, Martin; Aspray, William (1996). Computer: A

11. ^ Valums, Andrew (2010-02-10). "Web apps vs desktop apps" ∠. valums.com. Archived from the original 

on 2013-04-02.

12. ^ "What Is a Horizontal Application?" ∠.

16. ^ "Definition of desktop application" ☑. PCMAG. Retrieved 2022-01-07.

Authority control databases [hide]

This page was last edited on 15 August 2025, at 00:04 (UTC).

profit organization.

Text is available under the Creative Commons Attribution-ShareAlike 4.0 License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-Privacy policy About Wikipedia Disclaimers Contact Wikipedia Code of Conduct Developers Statistics Cookie statement Mobile view ( WIKIMEDIA MediaWiki

Other Yale LUX 🛂 Category: Application software

National