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AutoCAD, as a desktop app, has used an internal graphics driver for the computer's display. AutoCAD 2011 added support for both X11 and Quartz graphics drivers, allowing the app to be run on a variety of operating systems. This provides compatibility with computers and operating systems from the 1980s and 1990s. AutoCAD 2017-2019 and 2020 added support for DirectX 11, a graphics API designed for newer operating systems. AutoCAD 2020 is the first version of AutoCAD to support GPU rendering, allowing it to run on more computer platforms. Version history AutoCAD 2019 version history and release dates AutoCAD 2016 AutoCAD 2016 was released on June 28, 2016. AutoCAD 2016 improved multi-projection capabilities, introduced reflow, a CNC fitting tool, adaptive shaded relief (ASR) and enhanced the 3D graphics. The 'eXtended Project' function now enables content creators to combine many AutoCAD drawings into a single file. This version also introduced options to turn off the use of temporal anti-aliasing (TAA) and double-buffering. AutoCAD 2017 AutoCAD 2017 was released on June 15, 2017. AutoCAD 2017 introduced scalable vector graphics (SVG) and improved the Ribbon. AutoCAD 2017 introduced an overhauled eXpress Workbench, allowing the user to open new drawings and apply existing edits without leaving the drawing. The 'Template' function now stores the settings for a template, allowing the creation of a shared or used template. The 'Bend Line' tool was improved, increasing the number of possible angles. Other features include dynamic input (sliders and dropdown menus), a motion-path feature, a dedicated section feature and more. This version introduced options to turn off the use of temporal anti-aliasing (TAA) and double-buffering. AutoCAD 2017 also introduced options to turn off the use of multiple projectors, for better performance and reduced redraws. This option is off by default. AutoCAD 2018 AutoCAD 2018 was released on June 11, 2018. The 2018 release introduced three new technologies: AutoLISP, which simplifies the model of modeling applications using DWG and DXF files; Revolve, a tool that helps users create a rotation path for curve or polyline objects; and

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In other products such as Autodesk Inventor, Autodesk Revit, SolidWorks, Dassault Systemes's CATIA, 3DS Max and Zbrush (2018), the API is available via scripting languages such as Visual LISP and Python. For example, the scripting language used in Autodesk Inventor is Visual LISP, the scripting language used in Creo is Python. AutoCAD 2018 and later supports Python scripting as well. Developers can use the ObjectARX C++ language to write custom functions or plugins for AutoCAD. This allows developers to create add-ons to AutoCAD without having to learn the AutoLISP language. ObjectARX has been enhanced for AutoCAD 2018 and allows for multiple plugins to be used at once for drawing, calculation, file opening, file saving, etc. The new functionality is provided by the new ObjectARX API. Scripting languages AutoLISP AutoLISP is a macro programming language for the Microsoft Windows operating system platform. It was introduced in the 1979 version of AutoCAD, and is still used for a variety of AutoCAD-specific scripting. The AutoLISP programming language is built on top of the C programming language. It is a high-level language, meaning it can be used to manipulate variables, arrays, and functions. It is one of the fastest, most versatile programming languages available. Like many high-level languages, AutoLISP includes many built-in functions, with some support for structured programming. The program calls to these functions are similar to the C language; the difference is that the AutoLISP programmer can write these functions in any order that suits the needs of the particular application. This is in contrast to C language, where functions are called by the compiler in strict order. The AutoLISP language was a major motivation for the evolution of Microsoft Visual Basic into Microsoft Visual Basic.NET. AutoCAD is a major part of the AutoLISP ecosystem. It provides the base functionality that allows all AutoLISP programs to function. Visual LISP Visual LISP is a dialect of the Lisp programming language, originally developed by Aldus and later adopted by Metrowerks. Visual LISP is an interpreted language, so it runs faster than other programming languages. AutoCAD 3.0 was the first version of AutoCAD a1d647c40b

System Requirements For AutoCAD:

NVIDIA GeForce GTX 650 / Radeon HD 6870 or equivalent, with shader model 3.0 or higher, or Intel HD4000 or equivalent integrated graphics card 2GB RAM Windows 7 or higher 10 GB HDD or other storage device English language (PC) versions are only available Minimum resolution is 1024 x 768 DirectX Version 11, OpenGL Version 3.0 or higher Wii U GPU: NVIDIA GeForce Wii U or Radeon HD 5000 series or equivalent Minimum specifications: Nintendo eShop must be installed and connected

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