AutoCAD Free Download [Mac/Win] (Latest)



AutoCAD Crack Free For PC

AutoCAD is used to design and create 2D (planar) and 3D (solid) drawings of buildings, highways, roads, bridges, tunnels, machinery, vehicles, signs, and more. These drawings are used by civil engineers, architects, graphic designers, architects, interior designers, manufacturers, engineers, contractors, and students. The program can also be used to create 2D and 3D animations and movies. The latest version of AutoCAD, 2020, was released in April 2019. History The first release of AutoCAD was Version 1 in December 1982. Features AutoCAD has the following features: Draws 2D and 3D architectural, mechanical, and industrial designs. Allows creating DWG (Drawing Interchange Format) files of drawings. Allows creating and editing text annotations on drawings. Allows creating 3D models. Allows for BIM (Building Information Modeling) using the 3D Modeling functionality. Supports multi-viewing and 3D-printing. Allows you to import and export DXF files to many computeraided design (CAD) software programs, including FreeCAD, ArchiCAD, PLDIG, Inventor, MicroStation, SolidWorks, Grasshopper, and others. Uses Like other CAD software applications, AutoCAD is used by engineers, architects, and construction contractors. There are several other types of professionals that use AutoCAD: Architects Architects are used to design buildings, and the drawings they create are called plans. They make their plans using AutoCAD, and in doing so, they become more proficient with the program. While AutoCAD is normally used as a desktop application, its functionality can be extended using Autodesk's online subscription service, Autodesk Vault. The Vault subscription service allows for remote access to software programs and peripherals. AutoCAD can be accessed by multiple users in the same location over the internet, with passwords provided to each user. In addition, users are allowed to make changes to the application's settings and configurations. Civil engineers Civil engineers are involved in the design of facilities and the implementation of infrastructure. The features of AutoCAD are often used to draw concrete, steel, and wood designs. They are also used to create blueprints of steel structures such as bridges, and civil engineering engineering drawings.

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Ability to search and replace a text string within multiple DWG files using the DXF API. In recent versions of Cracked AutoCAD With Keygen, there is support for the use of scripting to automate tasks, called AutoLISP. AutoLISP is a scripting language that uses the DWG file format for the exchange of drawing information between AutoCAD and other applications. AutoCAD customers can obtain the open source development version of AutoLISP called LarLISP from a set of forums on the Internet. In order to use this version of AutoLISP within an AutoCAD program, the users must first replace the original AutoLISP file with a newer version. Recent versions of AutoLISP are designed around the AutoLISP ObjectARX library. ObjectARX is a C++ class library that supports a variety of programming languages, such as AutoLISP, Visual Basic, C#, and Java. Reverse engineering With an

appropriate set of automation code, AutoCAD may be made to read, edit, or add to the data contained in the DWG files. This is called reverse engineering, and was an old technology used for example in CADLAB's "MAFL" (Macintosh Automation Facility). Since then a lot of CAD software has implemented the reverse engineering capabilities. This allows for example, the use of AutoCAD to create and update MDF files as well as the use of AutoCAD to generate directly the corresponding OLE file. AutoCAD X of Microsoft is the first CAD software to use reverse engineering to import CAD data from other CAD software. After AutoCAD X, other CAD software use reverse engineering to import data from AutoCAD, for example: Architecture Architecture (which preceded AutoLISP scripting) is a collection of language commands similar to AutoLISP, used in AutoCAD to allow the user to manipulate AutoCAD as though it were a separate application. For example, the user can place blocks within AutoCAD, save them in a separate file, or send them to a separate database or any other program that can read them, such as a BIM or CAD management program. As AutoCAD is not a true BIM application, there is a focus on architectural workflows. Design is undertaken with the concept of "one person, one drawing" in mind. Design teams collaborate using a central model af5dca3d97

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AutoCAD Crack+ Keygen Full Version

Press windows key+r to open Run. Type AutoCAD.exe. AutoCAD will run. Press F1 to go to Help. Open help for AutoCAD. Click File > New Project > CAD Geometry > Rectangle. Click OK and load the new project. Click the checkbox, and make sure the settings are right. Set it to File > Export As... and select the template from the Import Templates folder. Click File > Export. Save it to the desired location. Extract the file and make sure you save it to the right folder. Rename the file to be your project name. Open the exported file with AutoCAD. Click File > New > DWG - Update As > Device to AutoCAD. Click OK. Turn off AutoCAD and restart it. Open the new file in Autocad. Select all the faces. Make sure the faces are correct. Press the R key. Select the faces in order. Press the Delete key. Select all faces. Press the Delete key. Click the Copy/Paste icon. Press the R key. Select all faces. Make sure it's correct. Press the Delete key. Press the Delete key. Press the Delete key. Select all the faces. Make sure it's correct. Press the Delete key. Press the

What's New In AutoCAD?

New tabbed toolbar: Quickly access your favorite commands. AutoCAD can now open a multi-page PDF with a single click. The Drafting Section window is no longer displayed on the ribbon, so it takes up less space and can be maximized. In addition to drafting tools and commands, users now have access to helpful tools, such as a Code Utilities tool window and a Reflection tool window. Blend Layers and Layers Merge are now accessible via the Insert ribbon and the top of the Layers menu. The surface and trim preview is now displayed in the preview window. The customization of each Windows shortcut key now includes a modifier, such as Ctrl for more keyboard-friendly access. Plant and Machine 3D: The Plant3D page supports the architectural Model category, where you can place a block to create a 3D building. The Machine3D page supports the Mechanical and Production categories, where you can place a block to create a 3D workstation. Numbering and Graphing: Both linear and angular properties can be assigned to objects, with a choice of the unit or the numeric display type. The coordinate display type and the linear display type can be specified. The latter allows you to specify that the display type changes when you rotate the object in 3D space. You can now use the Dynamic Properties panel in the Text window to create lists of numeric properties. The Numeric Preferences dialog box can be used to customize the default number format for a project. A new Numeric Type dialog box is available when you try to add a variable number type to an object. A new Object Numeric Properties dialog box is available, providing access to the Numeric Properties option on the Format tab. The Properties toolbox can now list numeric properties. The List Properties toolbox can now show or hide the numeric properties. The Quick Properties toolbox can now display numeric properties. The toolbox can show numerical properties. The Quick Properties panel can now be used to assign variable numbers, as well as unassigned variables. Numeric properties are now retained during animation. A variable number type can now be specified when you select an item in the Drawing or Project Window or in a cell in the

System Requirements:

Minimum: Mac OS X 10.9.2 / 10.10 / 10.11 iPad OS 5.1 iPhone OS 6.1 iPod Touch OS 5.1 Processor: Apple A6 or newer Graphics: OpenGL ES 2.0, 512 MB RAM Required: Processor:

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