AutoCAD Crack Free Download Latest

AutoCAD Crack For PC [Updated]

History AutoCAD was originally developed by Brian Verploegen in 1979 as a minicomputer-based drafting package. The first version of AutoCAD ran on a DEC PDP-11 minicomputer and included a range of cutting tools (scissors, routers, etc.), such as splines, arcs, and circles. With the advent of personal computers, Autodesk added a mouse-based user interface to the app in 1986, after a major beta-test version, which was marketed as MS-ACAD, was issued in 1985. In 1991, Autodesk released a DOS-based version of AutoCAD called AutoCAD for the PC. A separate version of AutoCAD called AutoCAD LT was introduced in 1997 as a desktop drafting package. AutoCAD LT was only available as a $1,999 boxed desktop app, or a $399 one-time cost for perpetual licensing through the AutoCAD LT one-time license option. In 1998, Autodesk released a much-improved version of AutoCAD called AutoCAD R14, which introduced a 3-D drawing engine and other features to its capabilities. With the release of R14, AutoCAD was no longer a DOS-only app and later went on to be the best-selling CAD package in the world. Features AutoCAD is a complete drafting package with a full suite of tools for the designer. The AutoCAD R14 release also included a number of innovations, including dynamic dimensions (dimensioning objects on the fly). However, the original AutoCAD was already a fairly robust and feature-rich piece of software. AutoCAD supports the following applications: Automotive (automotive design and drafting) Building (building design and drafting) Civil (civil engineering and architecture) Communication (communication design and drafting) Electrical (electrical design and drafting) Engineering (engineering and technical drawing) Fabrication (industrial design and drafting) Geomatics (cartography) Groundwork (groundwork design and drafting) HVAC (HVAC and plumbing) Lighting (lighting design and drafting) Landscape (landscape design and drafting) Manufacturing (manufacturing design and drafting) MEP (master-electrical-planning) Mechanical (

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AutoLISP In AutoLISP, functions are objects and the main purpose of functions is to reduce the logic into code. The macro function takes a block of code as its parameter and executes the code when the macro function is called. The macro function is a higher-level concept than the function. This allows one to use block code to emulate a function, which is much more concise than the function. AutoLISP provides many tools to manipulate its object database, which is a collection of macros and functions. AutoLISP provides a large number of native data types and functions to manipulate them. These data types include simple numbers, vectors and matrices. The vector and matrix functions provide functions to add, subtract, divide, multiply and divide matrices. AutoLISP is an interactive language, which makes it a good choice for experimentation, simple programming, and scripting applications. Additionally, there are many tools available in the software suite to make it easy to develop and debug AutoLISP code. Visual LISP Visual LISP is a more traditional LISP dialect. It supports the definition of list and vector literal expressions. It also supports similar data types as those found in AutoLISP. Visual LISP also supports stack and linked lists, which are functions in AutoLISP. Visual LISP is more limited than AutoLISP in the number of data types that it supports. Visual LISP does not provide any arithmetic operations or string functions. Visual LISP does not have many of the powerful tools that AutoLISP provides for interactive or rapid development. This is the reason why many of the 3D engineering packages, like FreeCAD and J3D, are created using Visual LISP. Visual LISP is intended to be a mature programming environment. It allows for the use of an imperative programming style. In contrast, the non-textual aspects of AutoLISP are better suited to the declarative programming style, which is more common in object-oriented languages. VB.NET Visual Basic.NET (VB.NET) was first introduced in AutoCAD

2000 and has since become an integral part of the AutoCAD product line. VB.NET is a Microsoft proprietary object-oriented language that was initially developed for use in Windows Forms, and later used to ca3bfb1094

On the top menu bar, select File > New > Vector Design. A new vector design file will be opened. In this vector file, you will draw the circles. Note: You may scale the vector design by double clicking on the object. The scale factor (scale ratio) of the vector object will be changed. Close the file window. Open the file window and select Scale from the Scale tab. Double click on one of the objects to scale it. Then close the window. Delete the two circles. Save the vector file. Name the vector file circle01.svg Note: When you scale the vector object, the scale factor will be reduced. Add scale factor to all the objects. You can find the scale factor by double clicking the object. Then right click on the object and select Scale option. Then scale the object from the Scale/Rotation/Translate tab. If you want to create a circle, you can double click on the circle. Then on the Scale tab, click on Scale/Rotation/Translate > circle01 Then a new circle will be created. Now you have a circle and a few lines. Then right click on the line, select Open As Stroke and delete it. Save the vector file. Name the file circle02.svg. We now have the base of the components. Open the circle01.svg file in Inkscape. You can find the stroke and fill options on the top menu bar, select Fill & Stroke from the top menu bar > Fill & Stroke. You can find the color options on the color palette. Change the color to white for the fill and change the line style to fine line. Select the Circle Tool from the Tool panel. Select the circle01.svg file from the drop down menu. Draw a circle. Click on the circle and select Fill Paths. The Fill Paths window will appear. Change the shape to Ellipse

What's New In AutoCAD?

Cross-system design collaboration: The Project Designer is a new feature in the Windows version of AutoCAD. Using Project Designer, you can design a drawing on a desktop PC and send it to a teammate using a mobile device. In addition to the standard features of the Project Designer, you can also collaborate and review your projects as they are being designed. (video: 1:03 min.) The addition of auto-summarization of geometric models and editing tools for drafting: By default, a new AutoCAD drawing is displayed in the default Drafting tab, but new features such as View, Display, Project Designer, etc. can be added from any tab to your drawing. You can now add functionality to your drawings by creating customized tools and adding them to a custom drawing tab. (video: 1:24 min.) Drag and Drop Functionality: With this release, you can quickly and easily open AutoCAD drawings and DWG files from Dropbox, OneDrive and the cloud-based file storage and sharing application, Google Drive. (video: 1:17 min.) Define a Live Action and Visualize It in 3D: Use the new import Live Action command in 3D to create a 3D representation of a live action directly from video or still image sequences. (video: 1:15 min.) Functionality of new Dynamic Input feature: The Dynamic Input feature enables you to build your own menus, toolbars, workflows and other UI elements and create them in any drawing (as long as it's a Windows application). (video: 2:50 min.) The new version of Autodesk Revit includes a new "Design My House" functionality. (video: 2:37 min.) Other functional changes: The Clear button is now displayed on toolbars to make it easier to clear temporary viewports. You can now lock toolbars or entire sections of the toolbar or side panel, which ensures they cannot be changed by other users. In addition to creating and sharing drawings on OneDrive, users can now also sync drawings and annotation to Microsoft Surface Hub. (video: 1:02 min.) The option to delete and undo an existing action is now available in the Sidebar. In addition to the printing functionality already available in the Drafting tab, users can now export images from drawings

System Requirements For AutoCAD:

• Windows 7/8/10 OS • Adobe Flash Player 11 or later installed on your system • At least 1GB RAM If you don't have Adobe Flash Player installed or it is out of date, you can download it from Adobe's website. • Windows 7/8/10 OS• Adobe Flash Player 11 or later installed on your system• At least 1GB RAMIf you don't have Adobe Flash Player installed or it is out of date, you can download it from Adobe's website

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