
AutoCAD [Mac/Win]



AutoCAD is considered by some industry analysts to be the industry leader in desktop CAD, with its perceived quality and popularity. It is the dominant CAD platform in many industries. Overview A basic goal of a CAD program is to allow an artist, draftsman or engineer to create 3D artwork directly from geometric models. Some CAD programs can also manipulate 2D artwork, such as vector graphics, including painting. An object is defined by geometric information. Commonly, in a CAD program, an object is defined in an internal CAD representation format called the primitive, which is stored as an atomic element in a hierarchical, or tree, structure. In AutoCAD, for example, a rectangle is defined by a collection of four rectangles, called primitives, and a cube by eight cubes, which form a solid with "tips" on its surface. A polyline is a collection of two or more primitives that form a closed loop. A 3D drawing is a collection of objects and their relationships to each other. These are called models, which can be viewed in the software's "viewport", or displayed on the computer's screen. In AutoCAD and other 3D modeling CAD programs, a 3D viewport typically has at least a three-axis mouse for moving the viewport around in the space, and a keyboard for entering commands. A 2D drawing is a collection of primitives and typically is displayed on the computer screen. Functionality AutoCAD is a complete software package for engineering and architectural drafting. The user interface (UI) is developed using the Microsoft Windows environment, which provides the software with several advantages including the ability to share data with other software applications and to collaborate with others over the internet using the Internet Explorer browser. When working in AutoCAD, the user can save and restore work, including changes made to user preferences, preferences for external references, menus, toolbars, keyboard shortcuts and drawing history. Users can also export an image in a variety of formats, including PDF, EPS, TIFF and BMP, which can be easily distributed to other users for further refinement. AutoCAD can perform 2D drawing and 3D modeling functions. Through a menu, the user can save a drawing as a file for use in another program or can print the drawing. Alternatively, the drawing can be viewed by a second user. Also, the drawing can be exported to PDF, DXF, SVG and DWG.

AutoCAD Crack +

AutoCAD Free Download can also be used for project management. It can be used as a data collection tool, since the drawings are saved to a file and data can be collected from the computer by a computer application. AutoCAD Product Key is designed to be used by both design professionals and non-design professionals. It can be used for both CAD, Construction, Infrastructure, Infrastructure/Building, Facility/Real Estate design and Engineering Design projects. In addition, AutoCAD is designed for contractors and users of professional mechanical and civil engineering design, mechanical, electrical, plumbing, CAD, and industrial design. It is often used by people who design home or building projects, construction companies, general contractors, architects, engineers, and other designers. Software components AutoCAD is a complex application that contains multiple components. These components fall into the following categories: AutoCAD Core – software components that are required to enable AutoCAD to run. AutoCAD Products – software components that are specific to a given product or version of AutoCAD. Third-party software – additional software that works with AutoCAD, or replaces AutoCAD. Some of the components include: AutoCAD R14 or later (AutoCAD 2010, AutoCAD LT 2008) AutoCAD Architecture, AutoCAD Electrical, AutoCAD Civil 3D – three AutoCAD software products that extend AutoCAD's functionality by adding specialty functions. AutoCAD Map 3D, ArcGIS software Autodesk Exact Drawings software product - AutoCAD DXF or Autodesk DWG. AutoCAD 2017 features Some of the significant new features introduced in AutoCAD 2017 are listed below: Ability to design in both 2D and 3D using the same software. The final product will be a 2D drawing if 2D is selected while an editable 3D model will be made available if 3D is selected. Full featured 3D modeling with ability to create surface, volume, solids, sections and layers. Design elements such as wireframe, dimensions, polyline and datum can be applied to created 3D objects Ability to annotate geometry (objects) with multiple shapes (arrows, lines, circles, text, etc.) Multibyte support for both ANSI and Unicode characters The ability to have more than one user signed in to a running drawing session Ability to load and save models a1d647c40b

Open Autocad and select option menu (right top corner) and click Help -> About Autocad. Go to the next page and enter your system serial number. On the page with window titled Registration Number click save and close. On the next page click generate to generate a new activation code. Click the link in the bottom of your screen to the left and paste your activation code. Click activate on the right top corner. When asked for confirmation, simply click activate. Step 2: Register on autocad.com Click on Autocad Registration and enter your activation code to complete registration. Step 3: Update your license key Click on License tab Choose Start Licensing -> Autocad -> Update Licence Key Step 4: Activate your autocad license key Click on License tab Choose Start Licensing -> Autocad -> Activate Licence key Note: You will need to save your activation code if you want to use the same activation code on more than one computer. Q: How to replace multiple words with regex I need to replace all words from the string which have a length of 3. For example: some text 12345678...9 some text 12345678...9 The string should be like this: some text 9 some text 9 some text 9 I've tried the following: `var inputString = "some text 12345678...9 some text 12345678...9"; var outputString = Regex.Replace(inputString, @"{3,}", "");` I'm getting the following result: some text 12345678...9 some text 12345678...9 I've got to the next point, that it's not working, but I can't find the mistake. A: You should escape the dots, else they are interpreted as dotall. `var inputString = "some text 12345678...9 some text 12345678...9"; var outputString = Regex.Replace(inputString, @"{3,}", "");` This code will output: some text 12345678...9 some text 12345678...9 You should escape the. with a backslash, for example: `var inputString = "some text 12345678...9`

What's New In AutoCAD?

Printable Format Editor for Drafting: Expand your creativity with a more intuitive Drafting app. Browse, open, and edit files directly in the app. (video: 1:28 min.) **Enhanced 3D Printing:** Send your designs to any 3D printer for production-ready, high-quality models. **Windows Forms Improvements:** Discover new improvements to the Windows Forms design framework to make your app more portable and flexible. **Rapid Application Development:** Easily connect to web services to quickly gain access to data, regardless of where it resides. **Easier Sharing and Sharing Your Work:** Use the new sharing tools to easily send drawings to colleagues for review and feedback. Or, seamlessly connect with fellow designers to share files or applications with one click. **More Power and Perks:** Saving and Opening Files Are Now Faster Make real-time edits to files with RapidEdit and Snap to Origin. AutoCAD 2020's automatic and intelligent snap distance allows you to make real-time edits without stopping your drawing to verify alignment. **Save Changes, and Load Previous Versions** Save a drawing as a new, separate file. Then, reload previous versions of the drawing as needed. (Select a drawing, and press Ctrl+S.) **Automatically Save During a Drawing Session** AutoSave helps ensure that your drawings are ready to save whenever your drawing session is interrupted. **Bookmark Locations** Save locations for drawings and bookmarks in the cloud, and quickly return to them when needed. **Have Feedback? Let us Know** AutoCAD comes with a robust feedback loop. Simply go to "Edit">"Review" to send files for our review. **Printing Drafting Features** New Features for Customizing Your Printer's Tools New paper presets and more. **New Background Paper Options** Change your Paper Style's appearance on the paper tray. **New Watermark and Signature Paper Types** Show your logo, signature, or other artwork on the printer's front surface. **New Drafting Settings for Custom Printer Head** Use the New Settings Dialog Box to modify your printer's settings. **Export from Drafting Improved Export Format to Cloud Services** Import from Cloud Services

System Requirements:

- Minimum: Windows 7, 8.1, 10 or newer (64-bit) (64-bit) 2 GB system RAM (4 GB recommended) 1.5 GHz dual core processor 1 GB video card (1024 x 768 resolution or higher) Internet connection (downloading available content may take time) • Recommended: (64-bit) 4 GB system RAM (8 GB recommended) 2.5