AutoCAD Crack+ Free

The basic approach of an AutoCAD drawing is to define parts or entities in a file, then arrange the parts with reference to the original drawing. An entity (a circle, rectangle, line, arc, polyline, 3D object,

text, or other) can be manipulated by using commands or special tools and other objects, or by drawing using the mouse. AutoCAD is a commercial computer-aided design (CAD) and drafting software application. Developed and marketed by Autodesk, AutoCAD was first released in December 1982 as a desktop app running on microcomputers with internal graphics

controllers. Before AutoCAD was introduced, most commercial CAD programs ran on mainframe computers or minicomputers, with each CAD operator (user) working at a separate graphics terminal. AutoCAD is also available as mobile and web apps. The basic approach of an AutoCAD drawing is to define parts or entities in a file, then arrange the parts with reference to the

original drawing. An entity (a circle, rectangle, line, arc, polyline, 3D object, text, or other) can be manipulated by using commands or special tools and other objects, or by drawing using the mouse. History Development of AutoCAD began in 1977, when Herb Alpert and Walt Crutchfield, founders of Realvision, Inc., introduced their company's first CAD/CAM system, AUTOCAD, into the

architectural and engineering fields, starting with the Liberty Hotel in Philadelphia. AutoCAD was first released in December 1982 as a desktop app running on microcomputers with internal graphics controllers. In 1984, the software was released in a DOS-based version (running in a window on the desktop, with the mouse pointer controlling the position of the

window) with 16-bit true color graphics. AutoCAD was used in the construction of the World Trade Center (WTC) towers, the Lockheed Constellation, and the Washington State Convention Center. On June 1, 1988, AutoCAD was sold to Corel Systems Inc., an Ontario-based company, and later was bundled with the Corel DeskDraw vector graphics application. On December

20, 1992, Corel and Autodesk, Inc. merged, creating CorelDRAW Graphics Suite, the basis for Autodesk Design Review, Inc. (later Autodesk, Inc.). In the merger, Autodesk acquired Corel's

AutoCAD Activation

Programming languages AutoCAD Torrent Download supports a number of programming

languages, such as VBScript, Visual LISP, Visual Basic for Applications (VBA), C++ and AutoLISP. APIs AutoCAD supports a number of APIs. These include AutoLISP, Visual LISP, VBA,.NET and ObjectARX. ObjectARX is a C++ class library, which was also the base for the following products extending AutoCAD functionality to specific fields: AutoCAD

Architecture AutoCAD Electrical AutoCAD Civil 3D There are a large number of AutoCAD plugins available on the application store Autodesk Exchange Apps. AutoCAD offers an API for creating tools. There are 10 different tool templates. They are very specialized tools that each provide a specific function such as dimensioning, graphical measurement and addition. AutoCAD

provides up to 10 different prompts or wizards to guide the user through the tools. Windows AutoCAD is available for Windows. Production AutoCAD is available as a desktop application or as a web-based application. When installed as a desktop application, the user can open files from their local computer or on the web. The Autodesk.com web-based system cannot access files from local

computers. Products AutoCAD LT Autodesk AutoCAD LT is a low-cost solution for producing 2D drawings and annotations. It is also a low-cost drafting solution in which drawings can be annotated. In addition to AutoCAD LT, Autodesk offers a full-featured version of AutoCAD, AutoCAD LT Premier, which includes such features as 3D modeling. AutoCAD LT Premier is intended for

use by CAD architects and designers for 3D modeling and analysis of parametric and non-parametric designs. CAD users can combine 3D design, parametric modeling, and collaborative design within a single product. The model can be used for the design, construction, and construction planning of buildings and structures. AutoCAD LT The standard version of AutoCAD (AutoCAD LT)

was originally designed for architects and engineers to create 2D drawings. The product is aimed at offering traditional AutoCAD functionality in a desktop-oriented application that can be easily deployed to a web-based environment. AutoCAD LT version 2019 contains the following features: 2D: - Drafting: a1d647c40b

Autocad-first-edition-keygen-on-windows-10-autodesk-1234567890123456789 0.rarQ: Java: How to use an array as a key in a HashMap I have a HashMap that I want to use as a HashTable. In order to do that, I am trying to use an array as the key. private static final String[] SAMPLE_TABLE = new String[] { "Erik", "Fred" };

However, the compiler is complaining about the fact that it is not an array: Type mismatch: cannot convert from String[] to int How can I do this? Edit: I am aware of the fact that I can use this as a key in the HashMap, but I was wondering if I can do something similar in the table. private static final HashMap table = new HashMap(); This does not work for me, because I want to pass in the values

directly. private static final HashMap table = new HashMap(); public static void setUser(String[] value) { table.put(value[0], value[1]); } This is what I want to do: public static void setUser(String[] value) { table.put(value[0], value[1]); } A: You cannot put a String[] into a HashMap. You could use the first element as the key, the second element as the value: table.put(SAMPLE_TABLE[0],

SAMPLE_TABLE[1]); But you can store a String[] in a HashMap, but you would have to store the values separately. This has the advantage that you can easily access both the key and the value by the same variable (because the array is an array of references): String[] values = new String[2]; values[0] = "Erik"; values[1] = "Fred"; table.put(values, values); Then you can access both the key and

value by the same variable:
String key = values[0];
String value = values[1];
A: You could use the
values of the array as the
key of the

Import and add comments
to your drawings, right
from the command line.
Autodesk® Markup™
Assist™ analyzes and
assigns comments to your
drawings using text that

you type or select from lists. The integrated command prompt makes it simple to add comments without leaving AutoCAD or choosing a different command-line tool. (video: 1:50 min.) Use the AutoCAD® Markup Assistant to import and annotate the content of PDFs, CD-ROMs, or documents in Word, Excel, and other Office applications. (video: 1:27 min.) Add and manage

comments to your drawings and drawings that incorporate comments from other drawings. You can add and manage comments in place and move them around drawings. Shared text editing: Create and share drawings that include shared text. Simply type text into your drawing and press the "Set As Text" key. Then when you open the drawing, the text appears. You can edit the

text right in the drawing. You can also export the text to another drawing, or to the clipboard for use in another program. (video: 1:20 min.) Use built-in commands to automatically insert common text strings into your drawings. (video: 1:35 min.) High-performance text editing: Improve efficiency by using AutoCAD's Text Editor and Undo to find text and edit multiple text

strings without opening multiple text windows. (video: 1:03 min.) You can edit text strings in place, and you can find and edit multiple text strings. You can easily insert a text string from the command line. (video: 2:03 min.) AutoCAD can open, save, and close multiple text strings, and change font and font color easily. (video: 1:50 min.) Advanced editing: Automatically insert

dashes, ellipses, and bullets, and apply all available formatting options when you type text into a drawing. (video: 1:27 min.) Use AutoCAD's AutoText to automatically insert text strings and apply predefined formatting options. (video: 1:54 min.) Fonts: You can change the font properties of text in the model. (video: 1:30 min.) You can use the Font dialog to change font

properties like font name, font size, and

PC Version Required Version Minimum Recommended Operating System Windows 7 SP1 Windows 8.1 Windows 10 64-bit Processor Intel Core 2 Duo/AMD Athlon x2 64-bit 3 GHz 2.5 GHz Memory 2 GB 4 GB Hard Drive 300 MB HDD space DirectX 9.0 C++ runtime libraries (with version of DirectX >= 9.0 C++ runtime libraries required

to compile) Minimum:
DirectX 9.0
Recommended: DirectX
10, C++ runtime libraries
NOTICE: For optimal
performance, run the game
with the latest graphics
driver installed.
*Performance varies
depending