
I'm not a robot



reCAPTCHA
Privacy - Terms

Continue

Bisector Autocad Lisp

' Dec 27, 2015 LispBox This blog was initially created for people, who love autolisp routines, as I love it..

[3]History[edit]AutoLISP was derived from an early version of XLISP, which was created by David Betz.. There are thousands of utilities and applications that have been developed using AutoLISP or Visual LISP (distributed as LSP, FAS and VLX files).. 28 4090 AutoLISPFamilyLispDesigned byDavid BetzDevelopersAutodesk, Basis SoftwareFirst appearedJanuary 1986; 34 years agoStable releasePlatformIA-32OSLinuxDialectsVital-LISP, Visual LISPIInfluenced byLisp, XLISPAutoLISP is a dialect of the programming language Lisp built specifically for use with the full version of AutoCAD and its derivatives, which include AutoCAD Map 3D, AutoCAD Architecture and AutoCAD Mechanical.. [2]Features[edit]AutoLISP is a small, dynamically scoped, dynamically typed Lisp language dialect with garbage collection, immutable list structure, and settable symbols, lacking in such regular Lisp features as macro system, records definition facilities, arrays, functions with variable number of arguments or let bindings.. KINKFOLD—an AutoLISP program for construction of geological cross-sections using borehole image data Abstract KINKFOLD is an AutoLISP program designed to construct geological cross-sections from borehole image or dip meter logs.

NET Framework, and ObjectARX However, it has remained AutoCAD's main user customizing language.. Since then, Autodesk has ceased major enhancements to Visual LISP and focused more effort on VBA and.. The program accepts data from vertical or inclined boreholes The KINKFOLD program cannot be used to model fault drag, growth folds, inversion structures or disharmonic folds where the bed thickness changes either because of deformation or deposition.. Arc segments are treated as straight Only new style 'lightweight' polylines are supported, not old style polylines.. [1] Neither the application programming interface (API) nor the interpreter to execute AutoLISP code are included in the AutoCAD LT product line.. The properties of these graphical entities are revealed to AutoLISP as association lists in which values are paired with AutoCAD group codes that indicate properties such as definitional points, radii, colors, layers, linetypes, etc.. [7][8]Timeline of Lisp dialects(edit)19551960196519701975198019851990199520002005201020152019 LISP 1, 1.

AutoLisp also has a built-in graphical user interface (GUI) mini- or domain-specific language (DSL), the Dialog Control Language, for creating modal dialog boxes with automated layout, within AutoCAD.. [4] The language was introduced in AutoCAD Version 2 18 in January 1986, and continued to be enhanced in successive releases up to release 13 in February 1995.. Most development involving AutoLISP since AutoCAD 2000 is performed within Visual LISP since the original AutoLISP engine was replaced with the Visual LISP engine.. [5][6]AutoLISP has such a strong following that other computer-aided design (CAD) application vendors add it to their products.. The program uses the kink-fold method for cross-section construction Beds are folded around hinge lines as angle bisectors so that bedding thickness remains unchanged.. Faulted structures and similar folds can be modelled by KINKFOLD by omitting dip measurements within fault drag zones and near axial planes of similar folds.

AutoCAD loads AutoLISP code from LSP files [3]AutoLISP code can interact with the user through AutoCAD's graphical editor by use of primitive functions that allow the user to pick points, choose objects on screen, and input numbers and other data.. Aside from the core language, most of the primitive functions are for geometry, accessing AutoCAD's internal DWG database, or manipulation of graphical entities in AutoCAD.. Publication:Pub Date:April 2002DOI:10.1016/S0098-3004(01)00043-7Bibcode: 2002CG.. Autodesk purchased this, renamed it Visual LISP, and briefly sold it as an add-on to AutoCAD release 14 released in May 1997.. 5, LISP 2(abandoned)MaclispInterlispLisp Machine LispScheme R5RS R6RS R7RS smallNILFranz LispCommon LispLe LispTEmacs LispAutoLISPOpenLispPicoLispEuLispISLISPnewLISPRacketGNU GuileVisual LISP Qi, QiII ShenClojureArcLFEHyExamples[edit]A simple Hello world program in AutoLISP would be:.. KINKFOLD may be used to model a wide variety of parallel fold structures, including overturned and faulted folds, and folds truncated by unconformities.. NET, and C++ As of January 31, 2014, Autodesk no longer supports VBA versions older than 7.

Bricscad, IntelliCAD and others have AutoLISP functionality, so that AutoLISP users can consider using them as an alternative to AutoCAD.. It was incorporated into AutoCAD 2000 released in March 1999, as a replacement for AutoLISP.. Vital LISP was a superset of the existing AutoLISP language that added VBA-like access to the AutoCAD object model, reactors (event handling for AutoCAD objects), general ActiveX support, and some other general Lisp functions.. Length of bisector line is half the distance to the previous vertex in the vertex order of the polyline.. Vital-LISP, a considerably enhanced version of AutoLISP including an integrated development environment (IDE), debugger, compiler, and ActiveX support, was developed and sold by third party developer Basis Software.. 'Bisect Polylines draws lines bisecting the angle between vertices of a polyline.. 1 This is part of a long-term process of changing from VBA to NET for user customizing.. After that, its development was neglected by Autodesk in favor of more fashionable development environments like Visual Basic for Applications (VBA).. e10c415e6f