

ZWCAD Newsletter — January, 2008

ZwCAD 2008 Worldwide Release January 22, 2008

After an extensive and elaborate development period, ZWCAD is pleased to announce that ZWCAD 2008 will be available worldwide on January 22, 2008. Its debut delivers the highest levels of customer satisfaction, productivity, and the ability to bring your creative ideas to life. We hope that you really enjoy our latest achievements, where we have focused on updating features for improved flexibility, efficiency, increased speed, and seamless DWG compatibility.

The 2008 version delivers a host of improved functionality, which includes:

Increased Speed

- Speed of boundary search has been increased about 15 times.
- Speeds of Select and Performance of Multiple Viewports in layout have been increased at least 10 times.

Easy to Use

-ZWCAD provides seamless DWG compatibility with AutoCAD. You can easily transfer custom AutoCAD environments into ZWCAD and continue to work in your favorite drafting environment.

Better APIs

-With more powerful APIs, ZWCAD 2008 supports 80 percent of the Visual Lisp functions and provides a new programming interface – DRX. With increased APIs, you can easily develop your own applications more efficiently.

Other new enhancements include:

- Updated Design Center
- Quick Calculator
- Merge Print
- Attribute Extraction
- Block Extraction
- Dimension Replace

We strongly recommend that you upgrade to ZWCAD 2008, to share the intelligence and efficiency of the top-ranked technology.


A free trial of the application is available online at www.adtechi.com

If you have any questions, please feel free to contact us at (847) 692-7320 or adtech@adtechi.com

Tutorial 18 Quick Calculator

The QuickCalc includes basic features similar to most standard mathematical calculators. In addition, QuickCalc has features specific to ZwCAD, such as geometric functions, scientific functions, a Variables area, a Units Conversion area and a Text Calculate area.

Comparing to general calculators, QuickCalc is an expression builder. For greater flexibility, it does not immediately calculate an answer when you click a function. Instead, you compose an expression that you can easily edit it, when you are finished, you click the equal sign (=) or press ENTER. Later, you can retrieve the expression from the History area, modify it, and recalculate the results.

- Open ZwCAD and select the calculator button on the standard toolbar. 
- Command: QUICKCALC

The calculator dialog will be opened up.

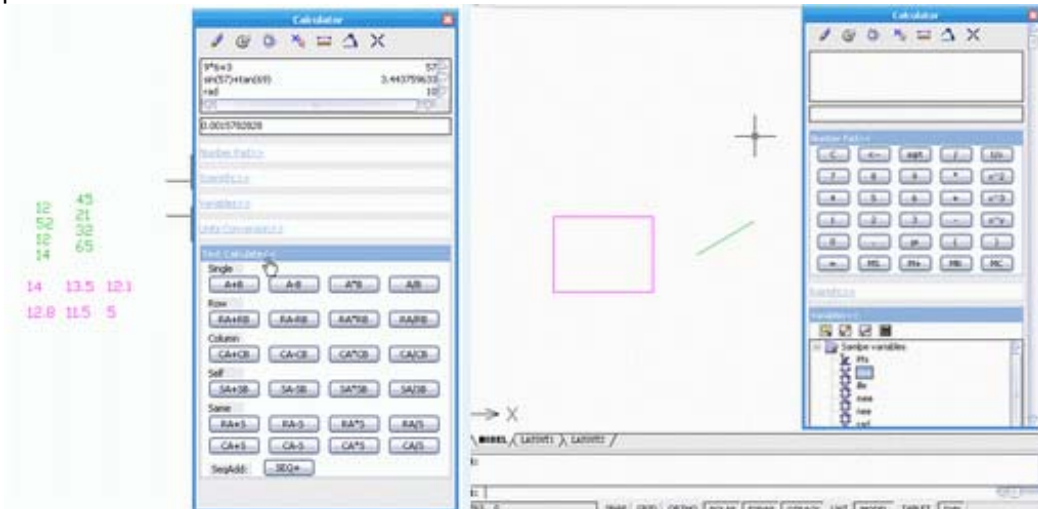
The History Window

- In the history window, history is stored. You can check all your records easily. And not only can you see the result of the expression, but also how you arrived at that result.
- Point to the expression in the history window, the whole expression appears
- Select the expression in the history window, and double-click. It allows you to modify the expression and recalculate.

Use Calculator in the work

1. Text Calculate:

In this area, you can calculate and save the values displayed in the single-line or multiple-line text. This area includes Single operation, Row operation, Column operation, Self operation, Same operation and Sequential operations.





Text Calculate

Offset and calculate by using Variable expressions

2. Offset a calculation using a Variable expression:

If you need to offset a rectangle, and the length of the existing line in the drawing = the value to be offset. Use this workflow:

- Expand Variables in the calculator
- Use the dee variable - distance(end,end) to calculate the distance of the line  dee
- Command: offset
- Enter
- Press the button 'Paste value to command line' 
- Enter
- Then you can offset the rectangle as you want.