hot door
CADtools 2.1
for Adobe® Illustrator®

For Power Macintosh® and Windows® platforms

This addendum to the CADtools 2 user guide contains detailed information about new features, bug fixes, and enhancements introduced with CADtools 2.1.

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Upgrading from CADtools 1.x

If you are upgrading from version **1.x**, please follow the instructions below.

Macintosh or Windows Installation

1. If you are currently running Adobe Illustrator, quit the application.

2. Double-click the "CADtools 1.x to 2.1 Upgrade" application (or click "Continue" if you are reading this from within the updater already.) The updater will search your hard drive for all available CADtools 1.0, 1.0.1, 1.1, 1.1.1, or 1.2 plug-ins and present them to you in a list.

3. Click on the name of the file you want to update and press the "Update" button. Your old plug-in will be replaced by the 2.1 version and placed in the trash. You can then launch Adobe Illustrator 7 or 8 to use CADtools 2.1.

Updating from CADtools 2.0

If you are upgrading from version **2**, please follow the instructions below:
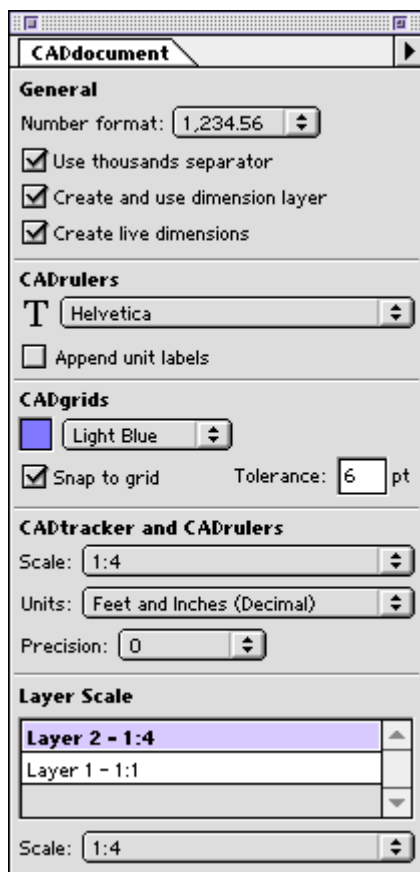
Macintosh or Windows Installation

1. If you are currently running Adobe Illustrator, quit the application.

2. Double-click the "CADtools 2.1 Updater" application (or click "Continue" if you are reading this from within the updater already.) The updater will search your hard drive for all available CADtools 2.0 plug-ins and present them to you in a list.

3. Click on the name of the file you want to update and press the "Update" button. Your old plug-in will be replaced by the 2.1 version and placed in the trash. You can then launch Adobe Illustrator 7 or 8 to use CADtools 2.1.

New features

New core features of CADtools 2.1 include:

• "Create and use a dimension layer" is now optional in CADdocument palette
• Linked dimensions is now optional in CADdocument palette - so dimensions do not have to be live

• Set a unique scale for the CADtracker, CADrulers and numeric input dialogs
• Multiple scales per document supported by layer. Each layer corresponds to the Illustrator Layers palette. Set the scale of each layer in the CADdocument palette

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New features (cont.)

- Area can be calculated in acres
- Transform now features an option to "Constrain proportions" in the CADtracker palette
- Move and transform now feature "Copy" buttons in CADtracker palette

CADtracker

Geometry

X: -1 mi   W: 4 mi

Y: 10 mi   H: 3 mi

∠:

Length:

Perim: 14 mi

Area: 8,245 acres

Transform

X: 7   W: 8 mi

Y: 7   H: 7 mi

∠: 57°   [Transform]

☑ Constrain proportions   [Copy]

Move

ΔX: 3 mi   Dist: 4 mi

ΔY: 3 mi   ∠: 45°

[Move]

[Copy]

Repeat

⇕ Rows: 4   Space: 4 mi

◁▷ Cols: 4   Space: 4 mi

Space between: [Cente... ▢]

[Repeat]

Bug fixes

Bug fixes in CADtools 2.1 include:

• Fixed trim tool crashing bug
• Fixed copy/paste between documents crashing bug
• Dimension resize tool no longer crashes under rare circumstances
• The custom label now bypasses the settings dialog when option key is held down
• The bottom middle transform point now works
• Fractional rounding now works correctly
• Update dimensions now works if the original dimension was drawn with the
option key down
• Ruler values at the far end of a small scaled ruler are no longer off by a
few pixels
• Rulers should no longer give values such as 1 1 ft 12.000 in -- It should be 12 ft. instead
• Angle measurements no longer give an error when measuring across multiple
objects
• CADrulers are no longer deleted after a Save or Save As
• The palette collapsed state is now stored in the preferences
• Japanese versions of CADtools can now access English fonts

Enhancements

New enhancements in CADtools 2.1 include:

• CAD arc length dimensioning no longer gives as many warnings or errors
• Trim tool can trim now trim straight lines through curves
• Wall settings interface now looks better on Windows
• Slashes on vertical dimensions now go the direction of the text
• Better length display in CADtracker for objects with corner points
• Objects can now be dimensioned at less than 25% magnification in Illustrator 8
• CADtracker now respects the enter key, option key, and command/control key

Additional information

DXF/DWG Export Plug-In

Applicraft Co., Ltd. is currently developing a plug-in called **CADgate** for DXF/DWG export within Adobe Illustrator 8. CADgate supports DXF R13 format. The beta version of this plug-in is available for download at the following urls:

Mac version:
http://www.applicraft.com/cgdown/data/cadgatebeta.sit

Windows version:
http://www.applicraft.com/cgdown/data/cadgatebeta.zip

The beta version is time-limited and will expire at the end of November. The final version of CADgate will be completed later this year.

Hot Door is not affiliated with the development of this plug-in, but we are interested in hearing about your experience with this new export plug-in. Feel free to send general comments to us at knock@hotdoor.com.