CLARIS

Claris CAD 2.0v3 Release Notes

READ FIRST! IMPORTANT!

Please refer to the *Claris®CAD New Features Guide* for installation instructions.

◆ **Note:** The file that explains the use of Object ID numbers for bills of material generation and drawing take-offs with the FileMaker® Pro program is now included on the Claris CAD Tutorial disk.
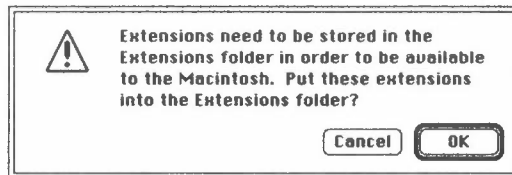
Using the GD&T Font with a LaserWriter

The Geometric Dimensioning and Tolerancing font, (GD&T) included with the Claris CAD 2.0 application, allows you to specify geometric characteristics and other dimensional requirements on engineering drawings.

To use the GD&T font with a LaserWriter:

1. Insert the Claris CAD Help disk (backup) into a disk drive.

2. Select the "ClariCADFon" and the "ClariCADFonII" icons and drag them into the System Folder on your hard disk.

◆ **Note to System 7 users:** The following alert box appears after you place the "ClariCADFon" and the "ClariCADFon II" icons in the System Folder:

Figure 1
Extensions alert box

⚠ Extensions need to be stored in the Extensions folder in order to be available to the Macintosh. Put these extensions into the Extensions folder?

[Cancel]   [OK]

3. Click OK.

If you use the background print option in MultiFinder (System 6.0.x), refer to Using the GD&T Font with Background Printing in this release note.

◆ **Note:** To determine whether you are running under MultiFinder with System 6.0.x, open the Apple menu. About MultiFinder will appear at the bottom of the option list. If you are not running under MultiFinder, this option will not be listed.

Using the GD&T Font with Background Printing

To use the background printing option in MultiFinder to print to a LaserWriter, you must install the GD&T bitmap fonts.

If you are a System 6.0.x user:

1. Insert the Claris CAD Utilities disk (backup) into a disk drive.

2. Locate the Font/DA Mover utility and double-click the icon to open it.
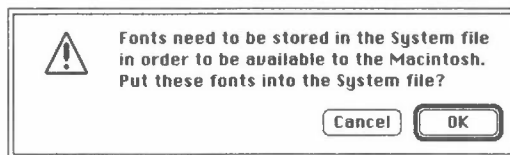
The Font/DA Mover is located on the Macintosh System Utilities 2 disk that came with your Macintosh System software. Refer to your *Macintosh System Software User's Guide* for more information on using the Font/DA Mover.

3. Open the GD&T font file on the Claris CAD Utilities disk (backup).

4. Copy all GD&T font sizes into your System file.

If you are a System 7.0 user:

1. Close all applications.

2. Insert the Claris CAD Utilities disk (backup) into a disk drive.

3. Drag the GD&T font file from the Claris CAD Utilities disk (backup) to your System Folder.

4. The following alert box appears:

Figure 2
Fonts alert box

⚠ Fonts need to be stored in the System file in order to be available to the Macintosh. Put these fonts into the System file?

[Cancel] [OK]

5. Click OK.

In a few minutes, your fonts will be installed.

Changing the Ruler for an Object

Objects in Claris CAD 2.0 retain the ruler or scale they were created with. To change the ruler for a specific object, you select the object and change the ruler settings. This method of changing rulers for objects is recommended when importing DXF files, since objects from DXF files are assigned the preset ruler.

To change the ruler for an object(s):

1. Select the object(s).

2. Choose Rulers from the Layout menu.

3. Change to a different ruler or edit the scale for the current ruler.

4. Click OK.

The following dialog box appears (figure 3).

Figure 3
Ruler alert box

> ⚠ Do you want to replace rulers for selected objects?
>
> [Yes]   [No]
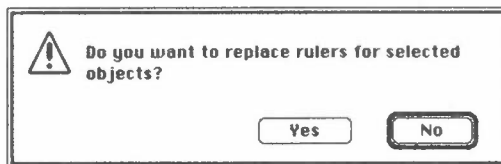
5. Click Yes.

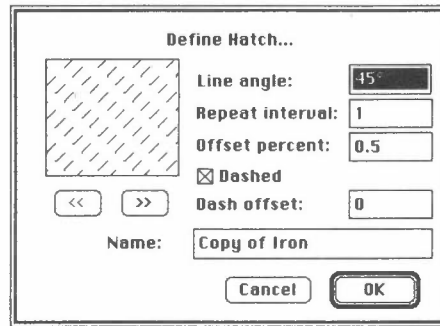The object's ruler changes to the new ruler you specified in the Rulers dialog box.

A/UX Users

A/UX version 2.0 users can import TIFF and MacPaint® files, and export files to the MacDraw® II application. This import/export feature is available only with A/UX 2.0. A/UX, version 1.1.1 users will not be able to use file filters created with the Claris XTND architecture.

Offset Dashes

The Hatches dialog box has a new option, "Dash offset" (figure 4).

Define Hatch...

Line angle:	45°
Repeat interval:	1
Offset percent:	0.5
⊠ Dashed	
Dash offset:	0
Name:	Copy of Iron

Cancel   OK

This option allows you to determine where a dash begins relative to another dashed line set in the same hatch. To set the dash offset, you enter a number between 0 and 1 in the "Dash offset" box. The dash pattern of the current line set will then be offset in relation to the dash pattern of the previous dashed line set. One dash unit equals the combined length of one solid segment and one gap (figure 5).

In figure 6, the first example shows an offset of 0.5; the second dashed line begins halfway through the previous dash unit; i.e., at the end of the first solid dash segment. The second example shows an offset of 0.25; the second dashed line begins one fourth of the distance along the previous dash segment; i.e., halfway through the first solid dash segment.

◆   **Note:** The dash offset feature only works with line angles of 0°, 45°, 90°, and 135°.
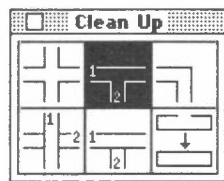
Figure 6
Dash offset at 0.5
and 0.25

0.5

$\longleftarrow$ 1 / 2 $\longrightarrow$
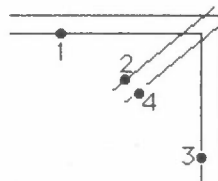
0.25

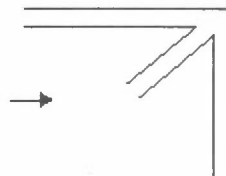$\blacktriangleleft$ / 4 $\blacktriangleright$
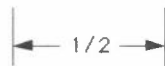
Clean Up

The Command key (used with options in the Clean Up window) allows you to clean up a junction of three walls, and create a break in a wall.

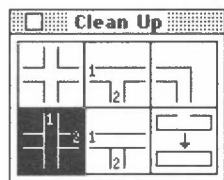1. Select the Open-T option.

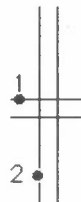2. Command-click two wall segments.

3. Claris CAD cleans up the junction.

To create a break in a wall for a doorway or window, select the "overlapping intersection" option.

1. Select the "overlapping intersection."

2. Command-click both walls.

3. Claris CAD creates a break in the wall.

Exporting to Other Applications

When creating graphics that will be exported to other applications via the Clipboard or using the PICT format, it is important to work with the autogrid turned on. The PICT format requires that all points lie on a 1/72-inch (1 point) grid. Working with the autogrid on will help avoid distortions caused when files are converted into PICT, because all points in the drawing will lie on this grid. In Claris CAD, the autogrid is preset to be on. To determine whether the autogrid is on, open the Layout menu. If the command is Turn Autogrid Off, the autogrid is on. To make sure the rulers are set to 1/72 inch, choose Rulers from the Layout menu. The divisions per inch should be 72. You can avoid these distortions, when exporting to EPSF-compatible applications, by using the XTND EPSF export filter supplied with MacDraw Pro.

Exporting to the EPS Format

If you own MacDraw Pro, you can use the XTND-compatible EPSF export filter, included with MacDraw Pro, to export Claris CAD files into the EPS format. After you install Claris CAD 2.0 and MacDraw Pro 1.0 as outlined in the user documentation supplied with the products, you can use the EPS filter with both applications.

To save a Claris CAD drawing in the EPS format:

1. Select the Save as command from the file menu.

2. Select EPSF from the pop-up list in the Save as dialog box.

3. Name the file and type return.

◆ **Note:** To export walls in a Claris CAD drawing, you must unjoin all walls before saving with the EPS filter that comes with MacDraw Pro 1.0.

To quickly unjoin all walls in a file:

1. Choose the selection filter tool (under the selection arrow) and set the filter to include only walls.

2. Hold down the option key to select across layers, and choose Select All from the Edit menu. Release the option key.

3. Select Unjoin from the Arrange menu.

4. Choose Save As from the File menu and save the file as EPSF.

◆ **Note:** Type 3 downloadable PostScript fonts (including GD&T and ClariCADfon) will not be exported by this version of this EPS filter.

Berol RapiDesign and 8-Color Stationery Files

The Berol RapiDesign Sampler and the 8-color Stationery file are included on the Claris CAD Help disk.

◆ **Note:** The version of eight-color stationery included with this release can be used with black-and-white monitors.

Using CGT to Translate Between Claris CAD 2.0, IGES, and DXF Formats

Claris Graphics Translator (CGT) 1.1 converts files directly between Claris CAD 2.0 format and the IGES and DXF formats. CGT 1.0 does not fully support the Claris CAD 2.0 format. Therefore, Claris strongly recommends that you use CGT 1.1 instead of CGT 1.0 when translating to or from Claris CAD 2.0.

Registered users of CGT 1.0 may obtain a complimentary update to CGT 1.1, by calling Claris Customer Relations at 408-727-8227.

If you do not have CGT 1.1, you can use CGT 1.0 to translate from Claris CAD 2.0 to either the IGES or DXF formats using the MacDraw II file filter. You must have the Claris XTND system installed on your Macintosh.

1. In Claris CAD 2.0, choose Save As from the File menu.

   The Save As dialog box appears.

2. Choose MacDraw II 1.1 from the Save As pop-up menu.

3. In CGT 1.0, open the MacDraw II 1.1 file, and then translate to IGES or DXF format as usual.

When you convert files from IGES or DXF to Claris CAD, CGT 1.0 will save Claris CAD files in Claris CAD 1.0 format. Claris CAD 2.0 will read the Claris CAD 1.0 files directly (no additional steps are required).

Using the MacPlot Version 1.2 Plotter Driver with System 7.0

To use the MacPlot driver with System 7.0, be sure that virtual memory and 32-bit addressing are turned off.

1. Open the System Folder and drag the icon for the MacPlot driver into the the System Folder. Be sure that it does not go into the extension folder.

2. Before running MacPlot configure, select Chooser from the Apple menu, and select the MacPlot driver.

3. Select Control Panel from the Apple menu, and then select the Memory icon from the Control Panel File. Set virtual memory off and 32-bit addressing off.

4. Restart your computer and follow the instruction in the *Claris CAD Getting Started* manual.

Printing with the Apple StyleWriter

If your drawing size is more than 92 inches wide or more than 92 inches long, and you print the document on an Apple StyleWriter, it may print at half the expected size. The small size may be caused by objects that extend beyond 92 inches or by empty pages at the right and bottom edges of the drawing.

If the drawing has objects that extend beyond 92 inches:

1. Choose Preferences from the Layout menu, scroll down, and click on the Printing icon.

2. Select More options, less resolution.

Figure 7
Preferences dialog box
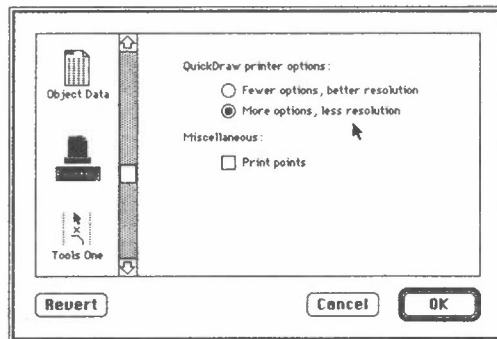
3. Click OK.

The resolution of the printed page will be 180 dots per inch.

If the drawing contains empty pages:

1. Select Drawing from the Edit menu.

2. Click in the upper left corner of the drawing box.

This will delete unnecessary pages from the drawing.