

040b73747265616d747970656481a203840163c48403737373810a0a810b0b815f5f84012584067f411b312d37OneVision: Introduction to Working ± Line Style Editor

Line Style Editor

paste.tiff ↪ Line Style Icon

Just as there are color well icons for opening the color selection panel (;Colors.rtf;↪), there are "line style icons" for opening the Line Style Editor. Many tools use this control. The line style editor allows you to modify existing line styles and to create new line patterns.

Kurveneditor;↪Clicking on the border of a line style icon opens the line style editor panel and changes the border color of the icon to white, indicating that it is selected. Clicking on the border will switch its color from white to gray (unselected) or gray to white.

When the border of the line style icon is white all changes or selections in the Line Style Editor are immediately transferred to the currently selected element.

176532_paste.tiff ↪Figure: The Line Style Editor panel.

Stärke;↪Line Width

This slider bar lets you specify the thickness of a line.

Note: If you set a line width of 0, a hairline of one pixel is drawn, following PostScript conventions. Such a line can easily be seen on a monitor, but on an imagesetter it is nearly invisible.

Line Join

The intersections of lines can be drawn in three ways:

365597_paste.tiff ↵ *Pointed*: 923971_paste.tiff ↵

For this type, the parameter *<Miter Limit>* lets you specify a angle from which the line join type is changed from pointed to blunted.

761922_paste.tiff ↵ *Rounded*: 294848_paste.tiff ↵

87984_paste.tiff ↵ *Blunted*: 54579_paste.tiff ↵

Line Cap

You can choose among three kinds of line caps. The type of line cap you use can change the length of the line.

334146_paste.tiff ↵ Blunt, the length of the line isn't affected.

40339_paste.tiff ↶ Round, the line is lengthened by the line width.

753034_paste.tiff ↶ Blunt, with line lengthened by the line width.

Line Patterns

The scrolling list of the Line Style Editor enables you to select predefined styles for dashed lines. Double-clicking on a line opens the Dash Editor (`;TMSStrokeAttributesWell.rfd;dasheditor;↶`), in which you can define custom dashed lines.

Dash Scale

This slider bar is used for scaling the segments of a dashed line. The length of each dash (and each space) is multiplied by the value you specify here.

Dash Offset

A dashed line consists of a number of dashes and spaces that are repeated over and over. In a normal dashed line, this repeated set consists of a single dash and a single space. With this slider you can determine the offset between these sets.

`dasheditor;↶`Dash Editor

You open the Dash Editor by double-clicking on a line in the line pattern list.

531830_paste.tiff ↵

Figure: The Dash Editor

Number of Segments

In this field you determine of how many dashes and spaces will be combined to create the basic set used to form a custom dashed line. This set will be repeated over and over to form the dashed line. The segments you specify here are always alternating dashes and spaces.

Note: The number of segments is limited to 11 because of limited capabilities of PostScript. Entering a higher number will result in an error message.

Units

In the unit field in the upper right of the panel you can specify the unit of measurement for the segment lengths.

Segment Length

temp.tiff ↵

The Dash Editor supplies as many entry fields as you specify segments for the dashed line. This allows you to create very complex dashed lines, by creating a repeating sequence (set) of dashes and spaces, each of whose lengths you can specify

individually. If the panel can't hold all the fields, they are placed in a horizontal scroll list.

If you enter an even value for the number of segments, all odd segments in the list will be used for dashes (i.e. the first, third, fifth,...) and all even segments will be used for spaces (i.e. the second, fourth,...)

Using an odd number of segments makes things complicated, toggling the segments used for dashes and spaces for each sequence. If, for example, you use three segments having the lengths of 3, 6, and 9, the following dash sequences would appear: dash-3, space-6, dash-9, space-3, dash-6, space-9, $\frac{1}{4}$

Cancel

This command discards all changes you've made to the line definition.

Modify

The current line pattern in the Line Style Editor is modified according to the changes you've made.

New

Clicking this command creates a new line pattern according to the

settings you've made and adds it to the pattern list in the Line Style Editor.

Next: ;Clipping.rtf;; Clipping

Version 3.03 ± © OneVision GmbH, Regensburg, Germany. All Rights Reserved.