Tip Sheet

ArchiCAD 11
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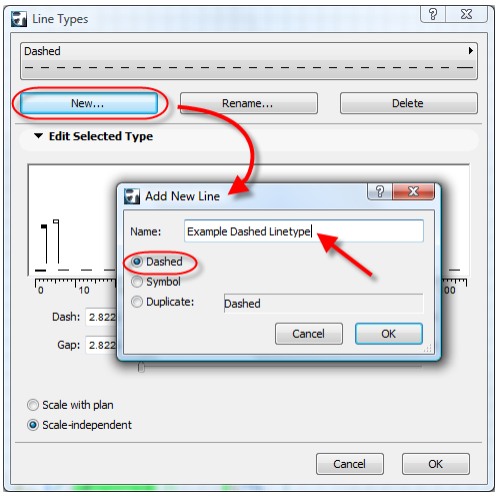
January 2008

Creating Line Types

New line types can be produced in two fomats, **Dashed** or **Symbol**. A dashed line type is made with lines, solid or in fragments, to form different patterns, whereas a symbol line type is made with shapes and lines to form a more complex line type.

The following steps will show you how to create your own personal line types.

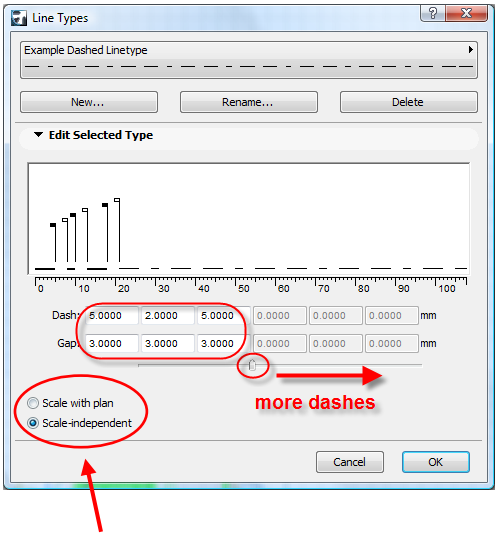
Dashed Line Types



Go to the **Options>Element Attributes>Line Types...** menu. Selecting this will activate the **Line Types** window where you will be able to create and edit new and existing line types.

By selecting the **New** button in the line types menu, you can now name your line type appropriately.

By selecting **Dashed** then pressing **OK** you can now start to create your new type of dashed line.



The **Dash** & **Gap** fields control the length of each, these can be graphically altered by left mouse clicking on black & white flags or numerically by typing the actual length into the respective fields.

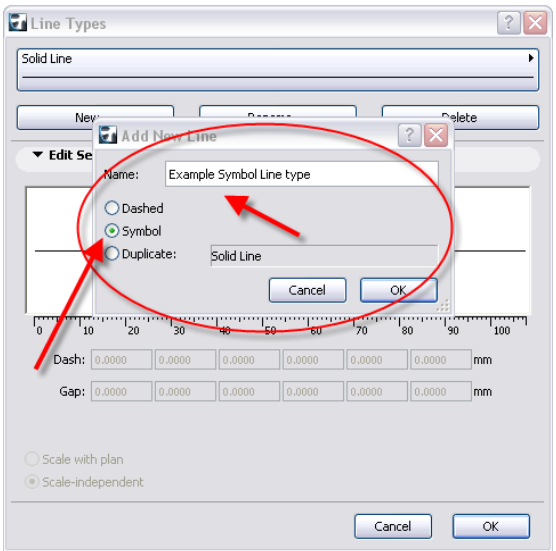
To increase or decrease the number of dashes you have within your dashed line type, click and hold your left mouse button on the slider bar below the numerical input boxes and slide it along.

You have now successfully created your own dashed line type which can now be found within the available line types.

Scale with plan: This option means that line elements are placed on the Worksheet at the given scale and interpreted like other construction elements. If the scale of the Worksheet is changed, the lines will grow or shrink proportionally.
Scale-independent: This option means that line elements have the same size as seen in the dialog box regardless of the actual scale.

Symbol Line Types

You will need to first draw the desired symbol that you want your line type to display. Your symbol can be created using lines, splines, arcs and circles.
Once the desired symbol has been created, select it and copy it to the Clipboard **Edit > Copy** or **Ctrl+C** (PC) or **Command+C** (Mac).

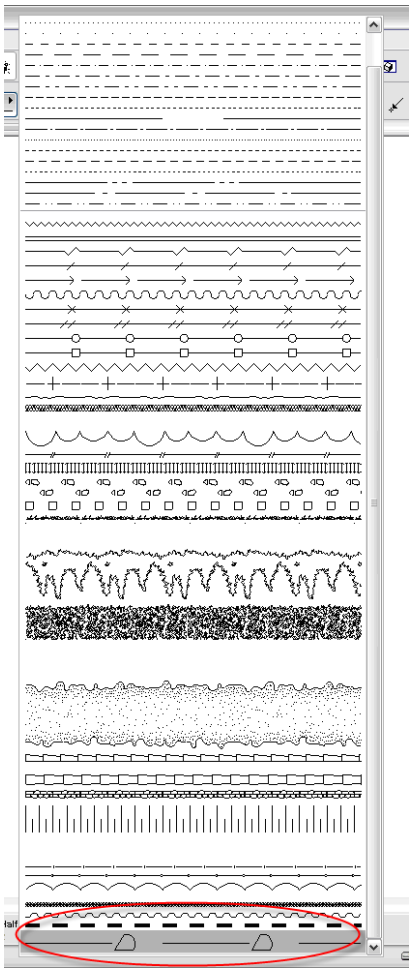


Go to **Options > Element Attributes > Line Types...** Selecting this will activate the **Line Types** window where you will be able to paste/create and edit new and existing line types.

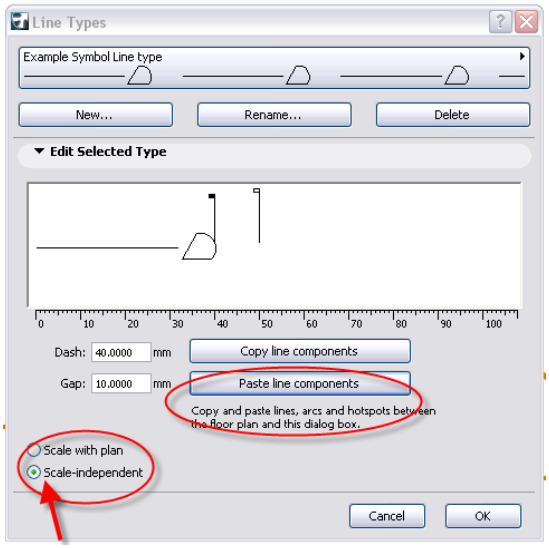
By selecting the **New** button in the line types menu, you can now name your line type appropriately.

By selecting **Symbol** and pressing **OK** you can now paste your symbol (the one you copied to the Clipboard) by selecting **Paste line components**.

Your new line type is now displayed in the Edit window. You can further edit the length of your symbol by changing the **Dash** value and you can edit the distance between by editing the **Gap** value. Alternatively, you can left mouse click on the black and white flags and edit the values graphically.



Note: The **Copy line components** button allows you to copy Symbol line type elements back out into the ArchiCAD environment to modify it.



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Scale-independent: This option means that line elements have the same size as seen in the dialog box regardless of the actual scale.

You have now successfully created your own symbol line type which can now be found within the available line types of the line, circle, spline or polyline tools.