



Bartels AutoEngineer®

Version 6.2

Highlights

This document contains illustrated information about significant new features introduced with **Bartels AutoEngineer Version 6.2**.

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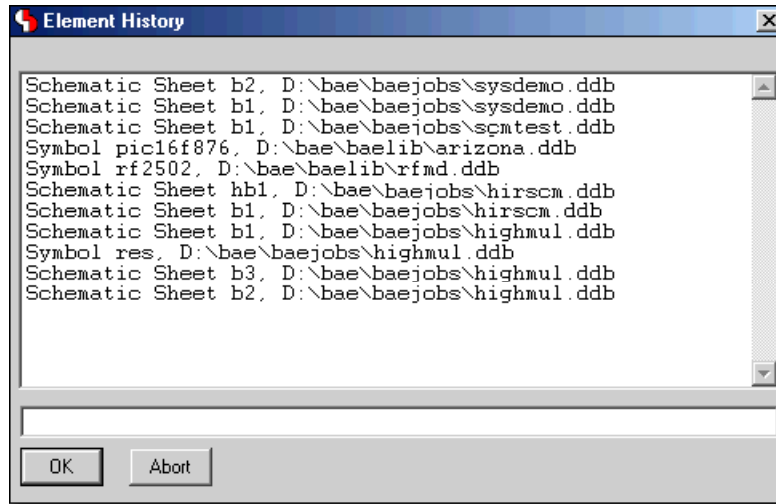
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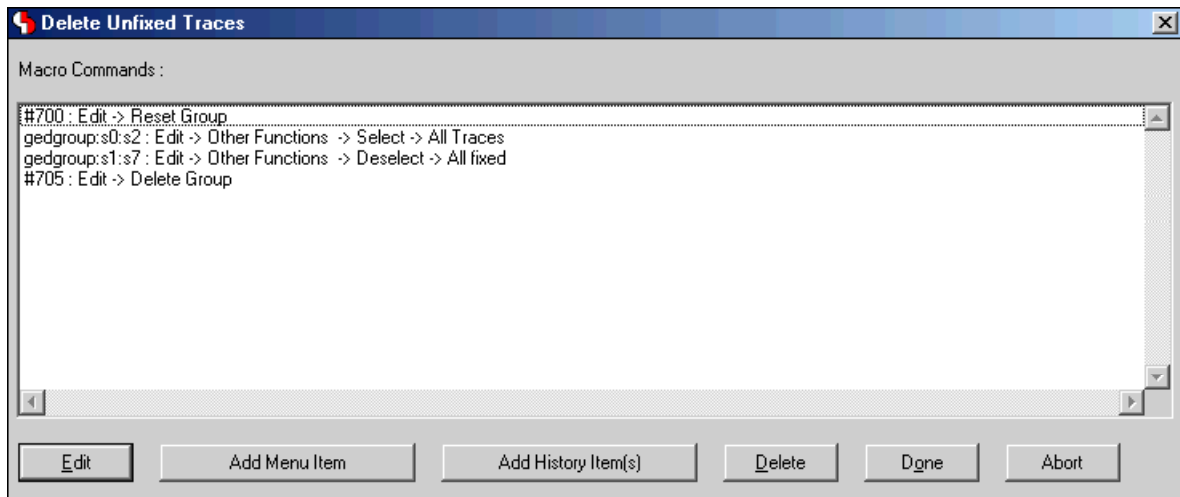
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Element Processing History with Load Function



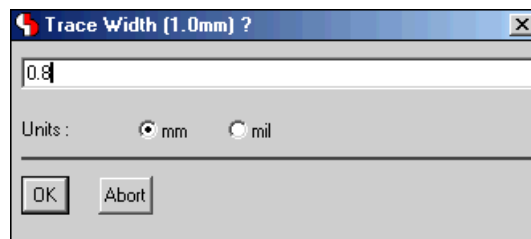
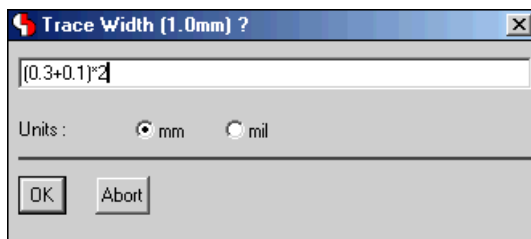
Macro Generator



Mathematical Expressions in Numeric Dialog Input Fields

Formula Input...

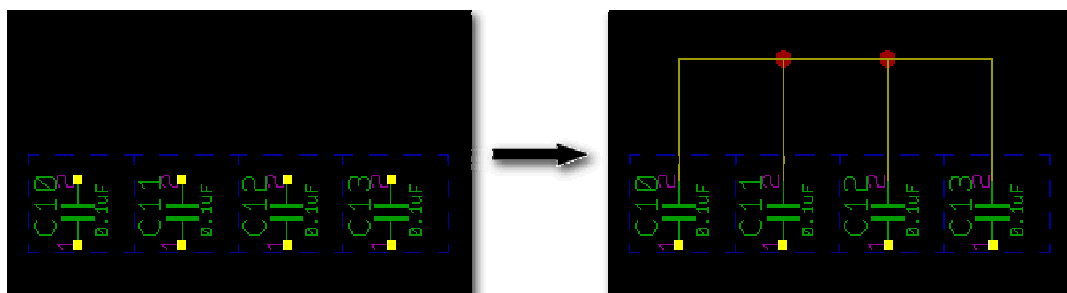
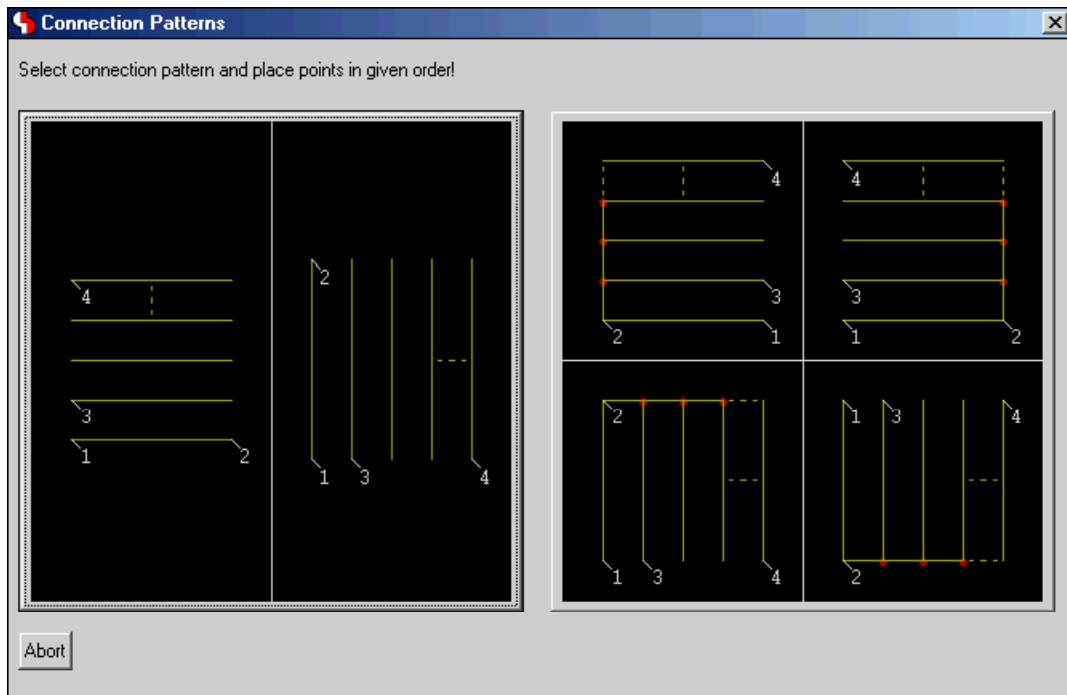
...is automatically calculated



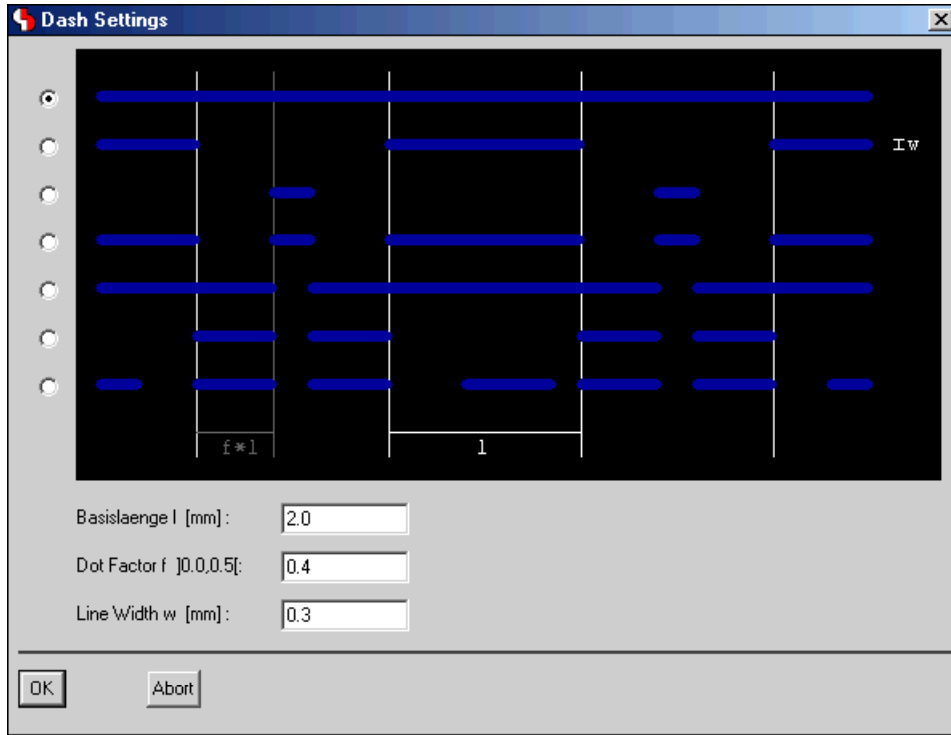
Windows/Motif Pulldown Menus with Shortcut Key Display



SCM Connection Pattern Generator



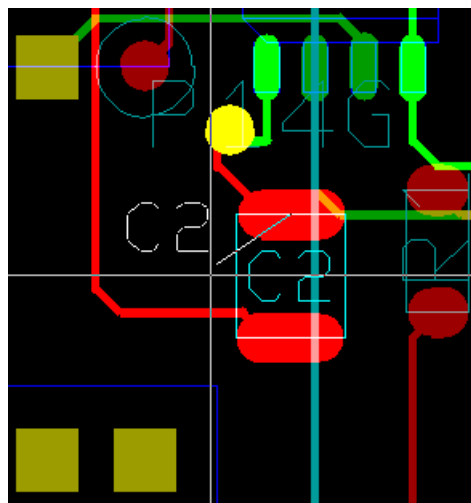
Polygon Dash Mode Settings Dialog in SCM and Layout



Layout Toolbar with Buttons for Preference Layer Selection and Signal Layer Color Assignment

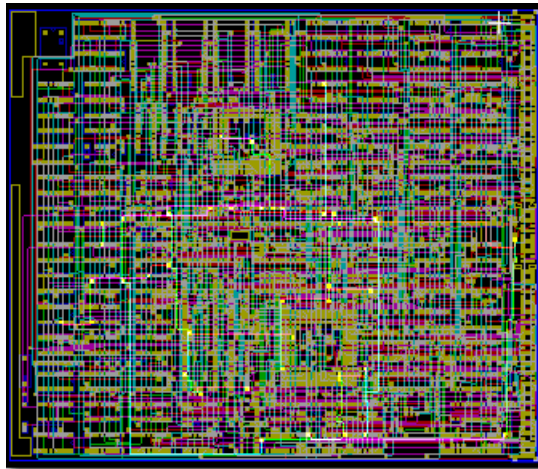


Reference Line Display whilst Moving Layout Part Name and/or Attribute

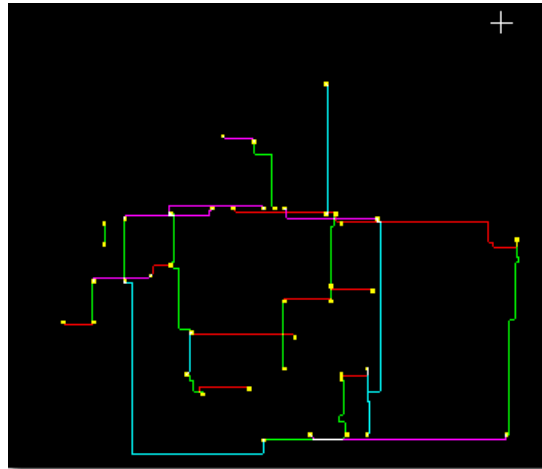


Highlight Focus to display highlighted/erroneous SCM and/or Layout Elements exclusively

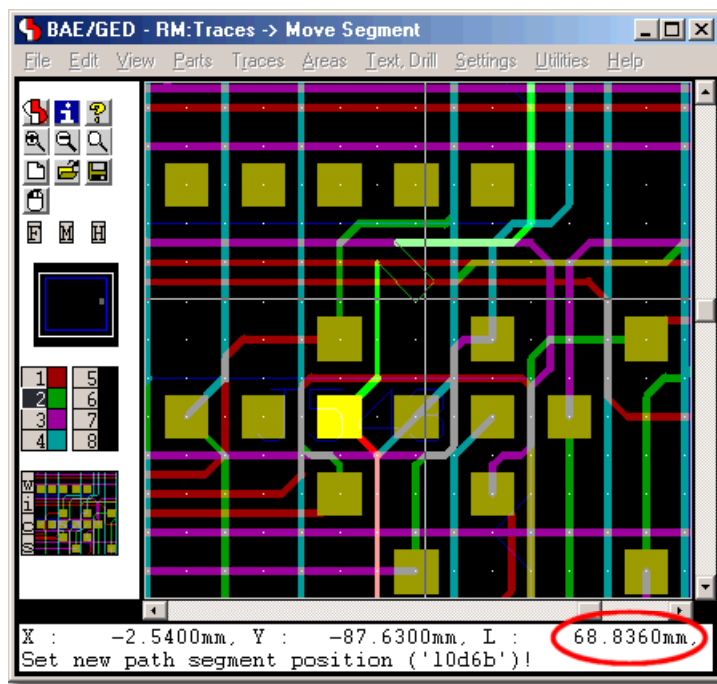
Highligh Focus Off



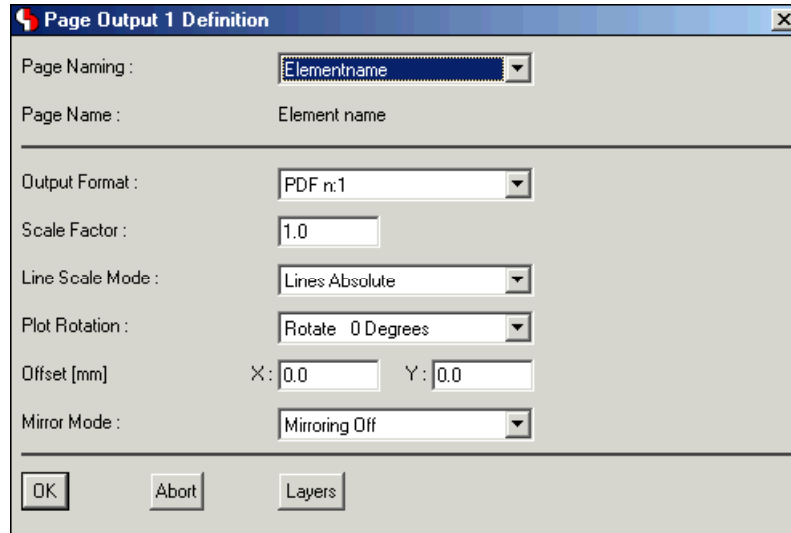
Highligh Focus On



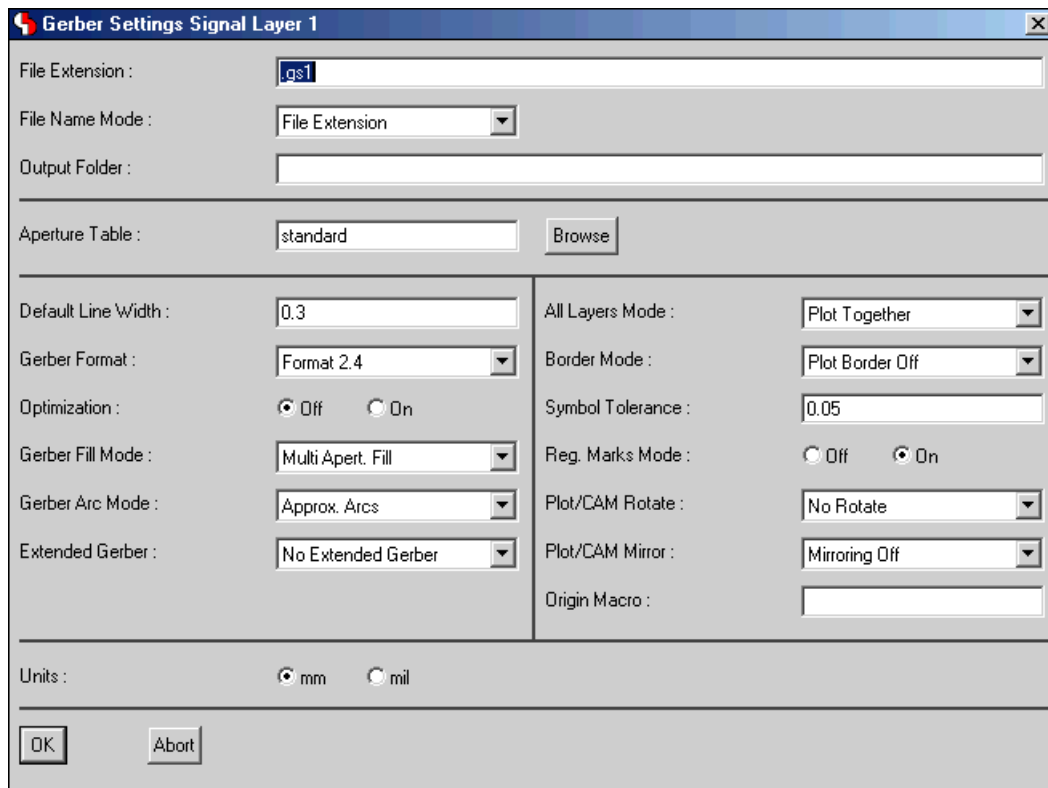
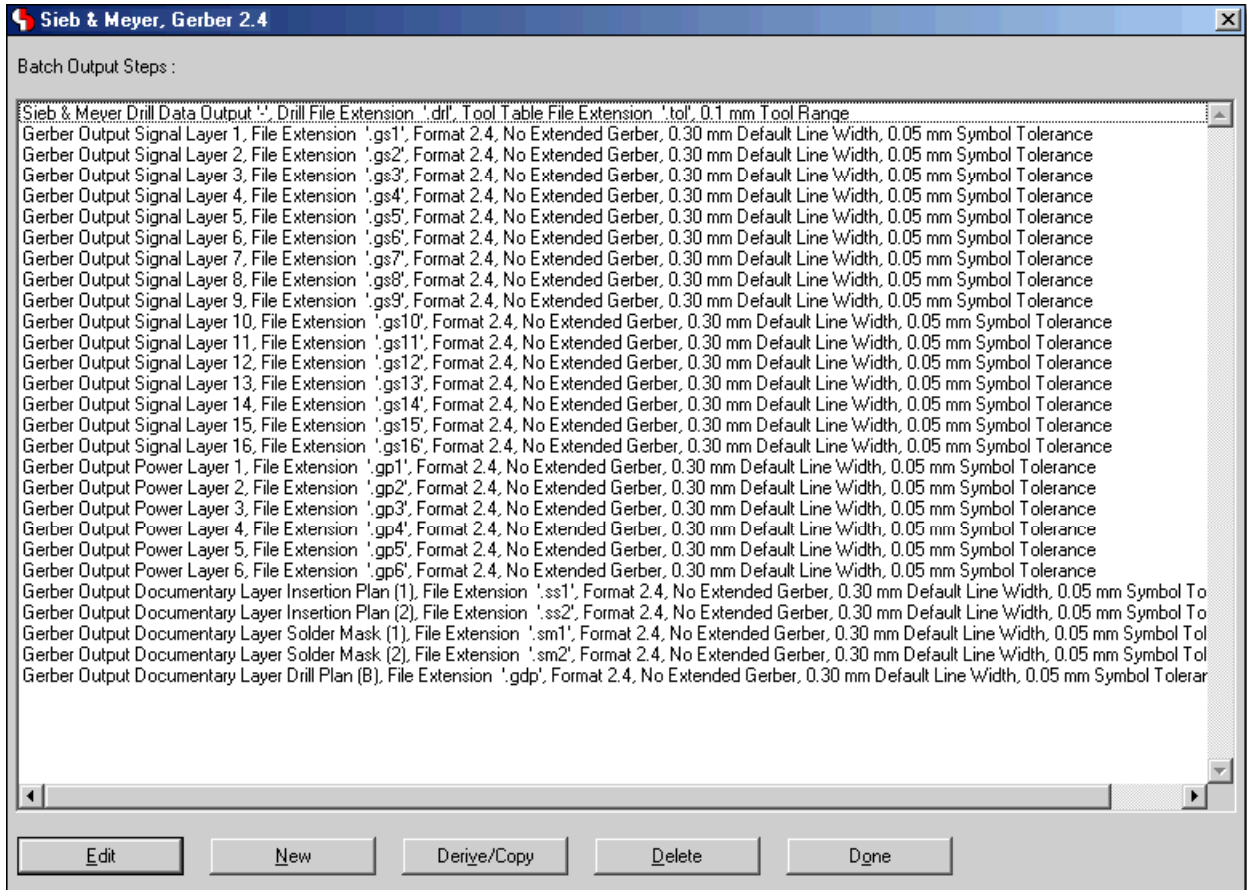
Online Trace Length Display during Manual Routing



Programming EPS/PDF Output Configurations



Programming CAM Batch Output Configurations



BAE HighEnd: Layout Layer Stackup Definition, e.g. for Impedance Calculations

	Epsilon r	tan delta	Metall (um)	Isolation (um)	Surface	Ground
Signal Layer 1	4.5	0.02	70.0	300.0	Cu	<input type="checkbox"/>
Signal Layer 2	4.5	0.02	70.0	300.0	Cu	<input type="checkbox"/>
Signal Layer 3	4.5	0.02	70.0	300.0	Cu	<input type="checkbox"/>
Power Layer 1	4.5	0.02	70.0	300.0	Cu	<input checked="" type="checkbox"/>
Power Layer 2	4.5	0.02	70.0	300.0	Cu	<input checked="" type="checkbox"/>
Signal Layer 4			70.0		Cu	<input type="checkbox"/>

Please see the [Bartels AutoEngineer® Version 6.2 Release Notes](#) for a detailed description of all new **BAE Version 6.2** features.