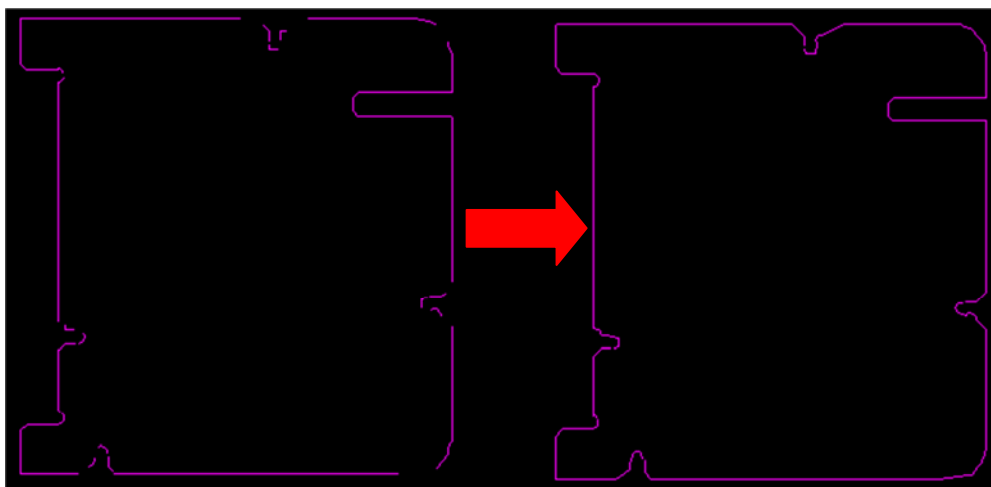


## Merge

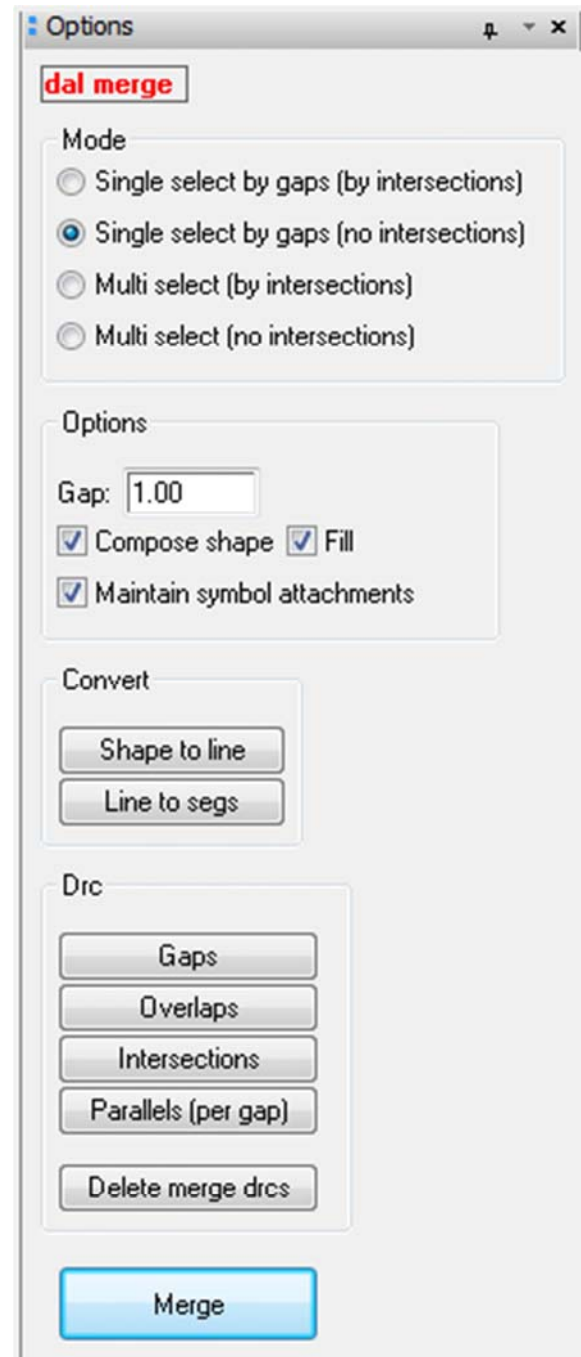
Merges line or cline segments at intersections forming one continuous path.

Features:

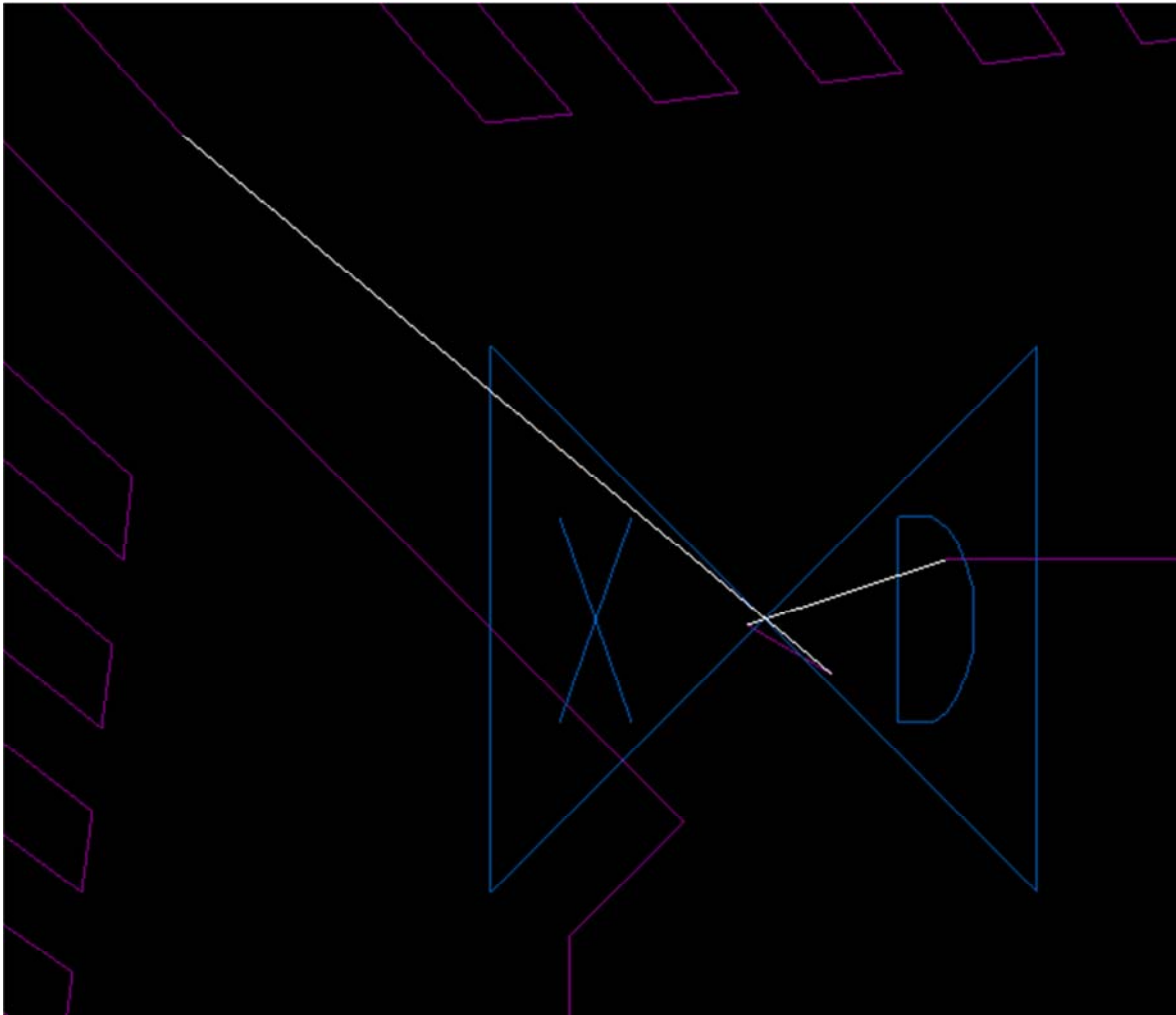
- ❑ Useful for example for ProE IDF transfers where the board outline is required to be a single continuous line.
- ❑ Compose shape option to convert lines to shapes



[The outline on the left is merged into one continuous line on the right](#)



# Drc



Single select by gaps (by intersecti  
 Single select by gaps (no intersecti  
 Multi select (by intersections)  
 Multi select (no intersections)

Options

Gap:


Compose shape  Fill  
 Maintain symbol attachments

Convert

Drc

# Help

dal merge Version 1.0\_014 11-02-2013



### Help

Command: dal merge

Purpose:

Merges line, arc and cline segments at gaps or intersections forming one continuous path.  
For example, PROe mechanical IDF translations require the board outline to be one continuous line.

Mode:

Single select by gaps (by intersections) - Use this option to form the continuous path at intersections limited by the distance from segment endpoints.  
Single select by gaps (no intersections) - Use this option to form the continuous path by drawing straight lines between any gaps found.

Multi select (by intersections) - Use this option to form the automatically closed continuous path by intersections with unlimited gap distances.  
Multi select (no intersections) - Use this option to form the automatically closed continuous path by drawing straight lines between any gaps found and with an unlimited gap distance.

Options:

Gap: - This value controls the maximum distance another lines endpoint can be away from another adjacent line.

Compose shape: Compose the resulting merged line into a shape.  
Fill: Solid fill the composed shape.  
Maintain symbol attachments - When checked, the line will remain attached to the parent symbol if applicable.

Convert:

Shape to line - Converts a shape into a continuous line.  
Line to segs - Breaks a continous line into individual line segments.

Drc:

Gaps - Finds all gaps between selected lines and marks them with an external drc.  
Overlaps - Finds all overlaps between selected lines and marks them with an external drc.  
Intersections - Finds all intersections between selected lines and marks them with an external drc.  
Parallel (per gap) - Finds parallelism between selected lines withing the gap tolerance and marks them with an external drc.

Merge - Exits from convert or drc modes back to the default merge wait for object selection.

Visit our website: [www.daltools.com](http://www.daltools.com) [More Documentation \(PDF\)](#) [Web Demonstration](#)

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Ok