Written by: Kyler Callahan

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PADS Version: 9.4.1

High Speed Routing in PADS

Look at Chapters 24 and 26 of the *PADS ES Suite Evaluation Guide* located in C:\PADS\_ES\_Evaluation\Document

Abbreviation that the guide uses:  
RMB: Right Mouse Button  
LMB: Left Mouse Button

MMB: Middle Mouse Button

If you get an error in Router saying "Strategy file missing or corrupted" you can fix this by changing the file location of the Strategy file.   Do this (In Router) by going Tools>Options>File Locations and setting *Strategy* to C:\MentorGraphics\9.4PADS\SDD\_HOME\Settings\

The strategy file itself is called BlazeRouter.stg it is used by Router to define the intensity of the passes. This file is not used for saving your strategy to auto route a design, but is necessary to use that function, which is needed for high-speed routing.

You may edit the trace path to your liking after you route the traces to remove any bends or vias that you did not want. Be aware though that this may change the length of your trace. You can check the length of your trace either by using the *Spreadsheet* in Router or by using the ‘QL’ command in Layout.