

Some useful links on Branch Prediction:

The following links also discusses some tips on how to write branch less codes and on how to write branches that yield better prediction.

[interesting] <http://igoro.com/archive/fast-and-slow-if-statements-branch-prediction-in-modern-processors/>

<http://software.intel.com/en-us/articles/avoiding-the-cost-of-branch-misprediction>

<http://www.futurechips.org/tips-for-power-coders/quick-post-trick-improve-branch-prediction.html>

<http://www.futurechips.org/tips-for-power-coders/basic-technique-to-help-branch-prediction.html>

http://cseweb.ucsd.edu/classes/fa11/cse240A-a/Slides1/08_branchprediction.pdf

<https://wiki.engr.illinois.edu/download/attachments/217842128/5-Branching.pdf>

http://www.cs.umsl.edu/~sanjiv/classes/cs6740/lectures/code_opt.pdf

<http://stackoverflow.com/questions/1610836/branchless-code-that-maps-zero-negative-and-positive-to-0-1-2>

pages.cs.wisc.edu/~chang/764.pdf