



global history register

- * **update** at end of BP2 stage
 - it contains the branch prediction history of the fetch unit (including BTB decisions)
 - compresses entire fetch-packet decision
- * **reset** on fetch unit redirect (misprediction)
 - new prediction must use the new history

p-table

- * **read** every cycle (for predictions)
- * **write** on BPD mispredict (in Commit)

h-table only touched on branch-updates (in Commit)

- * **write** to h-table on every branch-update
- * **read** from h-table when BPD mispredicts