
41991 Tue May 14 03:11:48 2019

new/usr/src/uts/intel/pcbe/core_pcbe.c

10951 10895 unfixed 10146

unchanged portion omitted

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977 static uint64_t
978 core_pcbe_event_coverage(char *event)
979 {
980     uint64_t bitmap;
981     uint64_t bitmask;
982     const struct events_table_t *n;
983     int i;
984
985     bitmap = 0;
986
987     /* Is it an event that a GPC can track? */
988     if (versionid >= 3) {
989         n = find_gpcevent(event);
990         if (n != NULL) {
991             bitmap |= (n->supported_counters &
992                 BITMASK_XBITS(num_gpc));
993         }
994     } else {
995         if (find_generic_events(event, cmn_generic_events) != NULL) {
996             bitmap |= BITMASK_XBITS(num_gpc);
997         } else if (find_generic_events(event,
998             generic_events_pic0) != NULL) {
999             if (find_generic_events(event, generic_events_pic0) != NULL) {
1000                 bitmap |= 1ULL;
1001             } else if (find_gpcevent_core_uarch(event,
1002                 cmn_gpc_events_core_uarch) != NULL) {
1003                 bitmap |= BITMASK_XBITS(num_gpc);
1004             } else if (find_gpcevent_core_uarch(event, pic0_events) !=
1005                 NULL) {
1006                 bitmap |= 1ULL;
1007             } else if (find_gpcevent_core_uarch(event, pic1_events) !=
1008                 NULL) {
1009                 bitmap |= 1ULL << 1;
1010             }
1011         }
1012
1013         /* Check if the event can be counted in the fixed-function counters */
1014         if (num_ffc > 0) {
1015             bitmask = 1ULL << num_gpc;
1016             for (i = 0; i < num_ffc; i++) {
1017                 if (strcmp(event, ffc_names[i]) == 0) {
1018                     bitmap |= bitmask;
1019                 } else if (strcmp(event, ffc_genericnames[i]) == 0) {
1020                     bitmap |= bitmask;
1021                 }
1022             }
1023             bitmask = bitmask << 1;
1024         }
1025     }
1026 }

```

unchanged portion omitted