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*****
39293 Thu Aug 23 09:02:33 2012
new/usr/src/uts/common/io/hxge/hxge_kstats.c
2904 hxge forgets C isn't math
*****
_____unchanged_portion_omitted_____

884 /*
885  * Retrieve a value for one of the statistics for a particular rx ring
886  */
887 int
888 hxge_rx_ring_stat(mac_ring_driver_t rdriver, uint_t stat, uint64_t *val)
889 {
890     p_hxge_ring_handle_t    rhp = (p_hxge_ring_handle_t)rdriver;
891     p_hxge_t                hxgep = rhp->hxgep;

893     ASSERT(rhp != NULL);
894     ASSERT(hxgep != NULL);
895     ASSERT(hxgep->statsp != NULL);
896     ASSERT((rhp->index >= 0) && (rhp->index < HXGE_MAX_RDCS));
897     ASSERT(0 <= rhp->index < HXGE_MAX_RDCS);

898     switch (stat) {
899     case MAC_STAT_IERRORS:
900         *val = hxgep->statsp->rdc_stats[rhp->index].ierrors;
901         break;
902     case MAC_STAT_RBYTES:
903         *val = hxgep->statsp->rdc_stats[rhp->index].ibytes;
904         break;
905     case MAC_STAT_IPACKETS:
906         *val = hxgep->statsp->rdc_stats[rhp->index].ipackets;
907         break;
908     default:
909         *val = 0;
910         return (ENOTSUP);
911     }

913     return (0);
914 }

916 /*
917  * Retrieve a value for one of the statistics for a particular tx ring
918  */
919 int
920 hxge_tx_ring_stat(mac_ring_driver_t rdriver, uint_t stat, uint64_t *val)
921 {
922     p_hxge_ring_handle_t    rhp = (p_hxge_ring_handle_t)rdriver;
923     p_hxge_t                hxgep = rhp->hxgep;

925     ASSERT(rhp != NULL);
926     ASSERT(hxgep != NULL);
927     ASSERT(hxgep->statsp != NULL);
928     ASSERT((rhp->index >= 0) && (rhp->index < HXGE_MAX_TDCS));
929     ASSERT(0 <= rhp->index < HXGE_MAX_TDCS);

930     switch (stat) {
931     case MAC_STAT_OERRORS:
932         *val = hxgep->statsp->tdc_stats[rhp->index].oerrors;
933         break;
934     case MAC_STAT_OBYTES:
935         *val = hxgep->statsp->tdc_stats[rhp->index].obytes;
936         break;
937     case MAC_STAT_OPACKETS:
938         *val = hxgep->statsp->tdc_stats[rhp->index].opackets;
939         break;
940     default:

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941         *val = 0;
942         return (ENOTSUP);
943     }

945     return (0);
946 }
_____unchanged_portion_omitted_____

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