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*****
59117 Tue Aug  8 10:53:52 2017
new/usr/src/lib/libc/port/mapfile-vers
5709 Add binary compatibility with Solaris 10 update 10
*****
_____unchanged_portion_omitted_____

374 SYMBOL_VERSION SUNW_1.23 {      # SunOS 5.11 (Solaris 11)
375     global:
376         _nl_domain_bindings;
377         _nl_msg_cat_cntr;

379 $if _ELF32
380     dl_iterate_phdr { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
381 $elif sparcv9
382     dl_iterate_phdr { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
383 $elif amd64
384     dl_iterate_phdr { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
385 $else
386 $error unknown platform
387 $endif

389     protected:

391 $if sparc32
392     __align_cpy_1;
393 $endif

395     addrtsymstr;
396     aio_cancel;
397     aiocancel;
398     aio_error;
399     aio_fsync;
400     aio_read;
401     aioread;
402     aio_return;
403     aio_suspend;
404     aiowait;
405     aio_waitn;
406     aio_write;
407     aiowrite;
408     asprintf;
409     assfail;
410     backtrace;
411     backtrace_symbols;
412     backtrace_symbols_fd;
413     canonicalize_file_name;
414     clearenv;
415     clock_getres;
416     clock_gettime;
417     clock_nanosleep;
418     clock_settime;
419     daemon;
420     dirfd;
421     door_bind;
422     door_call;
423     door_create;
424     door_cred;
425     door_getparam;
426     door_info;
427     door_return;
428     door_revoke;
429     door_server_create;
430     door_setparam;
431     door_ucred;
432     door_unbind;

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433     door_xcreate;
434     err;
435     errx;
436     faccessat;
437     fchmodat;
438     fcloseall;
439     fdatsync;
440     ffsl;
441     ffsll;
442     fgetattr;
443     fls;
444     flsl;
445     flsll;
446     forkallx;
447     forkx;
448     fsetattr;
449     getattrat;
450     getdelim;
451     getline;
452     get_nprocs;
453     get_nprocs_conf;
454     getprogname;
455     htonl;
456     htonll;
457     htons;
458     linkat;
459     lio_listio;
460     memmem;
461     mkdirat;
462     mkdtemp;
463     mkfifoat;
464     mknodat;
465     mkstemp;
466     mmapobj;
467     mq_close;
468     mq_getattr;
469     mq_notify;
470     mq_open;
471     mq_receive;
472     mq_reltimedreceive_np;
473     mq_reltimedsend_np;
474     mq_send;
475     mq_setattr;
476     mq_timedreceive;
477     mq_timedsend;
478     mq_unlink;
479     nanosleep;
480     ntohl;
481     ntohll;
482     ntohs;
483     posix_fadvise;
484     posix_fallocate;
485     posix_madvise;
486     posix_memalign;
487     posix_spawn_file_actions_addclosefrom_np;
488     posix_spawnattr_getsigignore_np;
489     posix_spawnattr_setsigignore_np;
490     ppoll;
491     priv_basicset;
492     pthread_key_create_once_np;
493     pthread_mutexattr_getrobust;
494     pthread_mutexattr_setrobust;
495     pthread_mutex_consistent;
496     readlinkat;
497     sched_getparam;
498     sched_get_priority_max;

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499 sched_get_priority_min;
500 sched_getscheduler;
501 sched_rr_get_interval;
502 sched_setparam;
503 sched_setscheduler;
504 sched_yield;
505 sem_close;
506 sem_destroy;
507 sem_getvalue;
508 sem_init;
509 sem_open;
510 sem_post;
511 sem_reltimedwait_np;
512 sem_timedwait;
513 sem_trywait;
514 sem_unlink;
515 sem_wait;
516 setattr;
517 setprogname;
518 _sharefs;
519 shm_open;
520 shm_unlink;
521 sigqueue;
522 sigtimedwait;
523 sigwaitinfo;
524 smt_pause;
525 stpcpy;
526 stpncpy;
527 strcasestr;
528 strchrnul;
529 strndup;
530 strnlen;
531 strnstr;
532 strsep;
533 symlinkat;
534 thr_keycreate_once;
535 timer_create;
536 timer_delete;
537 timer_getoverrun;
538 timer_gettime;
539 timer_settime;
540 u8_strerror;
541 u8_validate;
542 uconv_u16tou32;
543 uconv_u16tou8;
544 uconv_u32tou16;
545 uconv_u32tou8;
546 uconv_u8tou16;
547 uconv_u8tou32;
548 vasprintf;
549 verr;
550 verrx;
551 vforkx;
552 vwarn;
553 vwarnx;
554 warn;
555 warnx;
556 wcpncpy;
557 wcpncpy;
558 wcscasecmp;
559 wcsdup;
560 wcsncasecmp;
561 wcsnlen;

563 $if lf64
564 aio_cancel64;

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565 aio_error64;
566 aio_fsync64;
567 aio_read64;
568 aioread64;
569 aio_return64;
570 aio_suspend64;
571 aio_waitn64;
572 aio_write64;
573 aiowrite64;
574 lio_listio64;
575 mkstemp64;
576 posix_fadvise64;
577 posix_fallocate64;
578 $endif
579 } SUNW_1.22.7;

581 SYMBOL_VERSION SUNW_1.22.7 { # s10u10 - SunOS 5.10 (Solaris 10) patch addition
582     protected:
583     SUNW_1.22.7;
584 #endif /* ! codereview */
585 } SUNW_1.22.6;

587 SYMBOL_VERSION SUNW_1.22.6 { # s10u9 - SunOS 5.10 (Solaris 10) patch addition
588     protected:
589     futimens;
590     utimensat;
591 } SUNW_1.22.5;

593 SYMBOL_VERSION SUNW_1.22.5 { # s10u8 - SunOS 5.10 (Solaris 10) patch addition
594     protected:
595     getpagesizes2;
596 } SUNW_1.22.4;

598 SYMBOL_VERSION SUNW_1.22.4 { # s10u7 - SunOS 5.10 (Solaris 10) patch addition
599     protected:
600     SUNW_1.22.4;
601 } SUNW_1.22.3;

603 SYMBOL_VERSION SUNW_1.22.3 { # SunOS 5.10 (Solaris 10) patch additions
604     protected:
605     mutex_consistent;
606     u8_textprep_str;
607     uucopy;
608     uucopystr;
609 } SUNW_1.22.2;

611 SYMBOL_VERSION SUNW_1.22.2 { # SunOS 5.10 (Solaris 10) patch additions
612     protected:
613     is_system_labeled;
614     ucred_getlabel;
615     _ucred_getlabel;
616 } SUNW_1.22.1;

618 SYMBOL_VERSION SUNW_1.22.1 { # SunOS 5.10 (Solaris 10) patch additions
619     protected:
620     atomic_add_8;
621     atomic_add_8_nv;
622     atomic_add_char { FLAGS = NODYNSORT };
623     atomic_add_char_nv { FLAGS = NODYNSORT };
624     atomic_add_int { FLAGS = NODYNSORT };
625     atomic_add_int_nv { FLAGS = NODYNSORT };
626     atomic_add_ptr { FLAGS = NODYNSORT };
627     atomic_add_ptr_nv { FLAGS = NODYNSORT };
628     atomic_add_short { FLAGS = NODYNSORT };
629     atomic_add_short_nv { FLAGS = NODYNSORT };
630     atomic_and_16;

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631 atomic_and_16_nv;
632 atomic_and_32_nv;
633 atomic_and_64;
634 atomic_and_64_nv;
635 atomic_and_8;
636 atomic_and_8_nv;
637 atomic_and_uchar { FLAGS = NODYNSORT };
638 atomic_and_uchar_nv { FLAGS = NODYNSORT };
639 atomic_and_uint_nv { FLAGS = NODYNSORT };
640 atomic_and_ulong { FLAGS = NODYNSORT };
641 atomic_and_ulong_nv { FLAGS = NODYNSORT };
642 atomic_and_ushort { FLAGS = NODYNSORT };
643 atomic_and_ushort_nv { FLAGS = NODYNSORT };
644 atomic_cas_16;
645 atomic_cas_32;
646 atomic_cas_64;
647 atomic_cas_8;
648 atomic_cas_ptr { FLAGS = NODYNSORT };
649 atomic_cas_uchar { FLAGS = NODYNSORT };
650 atomic_cas_uint { FLAGS = NODYNSORT };
651 atomic_cas_ulong { FLAGS = NODYNSORT };
652 atomic_cas_ushort { FLAGS = NODYNSORT };
653 atomic_clear_long_excl { FLAGS = NODYNSORT };
654 atomic_dec_16;
655 atomic_dec_16_nv;
656 atomic_dec_32;
657 atomic_dec_32_nv;
658 atomic_dec_64;
659 atomic_dec_64_nv;
660 atomic_dec_8;
661 atomic_dec_8_nv;
662 atomic_dec_uchar { FLAGS = NODYNSORT };
663 atomic_dec_uchar_nv { FLAGS = NODYNSORT };
664 atomic_dec_uint { FLAGS = NODYNSORT };
665 atomic_dec_uint_nv { FLAGS = NODYNSORT };
666 atomic_dec_ulong { FLAGS = NODYNSORT };
667 atomic_dec_ulong_nv { FLAGS = NODYNSORT };
668 atomic_dec_ushort { FLAGS = NODYNSORT };
669 atomic_dec_ushort_nv { FLAGS = NODYNSORT };
670 atomic_inc_16;
671 atomic_inc_16_nv;
672 atomic_inc_32;
673 atomic_inc_32_nv;
674 atomic_inc_64;
675 atomic_inc_64_nv;
676 atomic_inc_8;
677 atomic_inc_8_nv;
678 atomic_inc_uchar { FLAGS = NODYNSORT };
679 atomic_inc_uchar_nv { FLAGS = NODYNSORT };
680 atomic_inc_uint { FLAGS = NODYNSORT };
681 atomic_inc_uint_nv { FLAGS = NODYNSORT };
682 atomic_inc_ulong { FLAGS = NODYNSORT };
683 atomic_inc_ulong_nv { FLAGS = NODYNSORT };
684 atomic_inc_ushort { FLAGS = NODYNSORT };
685 atomic_inc_ushort_nv { FLAGS = NODYNSORT };
686 atomic_or_16;
687 atomic_or_16_nv;
688 atomic_or_32_nv;
689 atomic_or_64;
690 atomic_or_64_nv;
691 atomic_or_8;
692 atomic_or_8_nv;
693 atomic_or_uchar { FLAGS = NODYNSORT };
694 atomic_or_uchar_nv { FLAGS = NODYNSORT };
695 atomic_or_uint_nv { FLAGS = NODYNSORT };
696 atomic_or_ulong { FLAGS = NODYNSORT };

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697 atomic_or_ulong_nv { FLAGS = NODYNSORT };
698 atomic_or_ushort { FLAGS = NODYNSORT };
699 atomic_or_ushort_nv { FLAGS = NODYNSORT };
700 atomic_set_long_excl { FLAGS = NODYNSORT };
701 atomic_swap_16;
702 atomic_swap_32;
703 atomic_swap_64;
704 atomic_swap_8;
705 atomic_swap_ptr { FLAGS = NODYNSORT };
706 atomic_swap_uchar { FLAGS = NODYNSORT };
707 atomic_swap_uint { FLAGS = NODYNSORT };
708 atomic_swap_ulong { FLAGS = NODYNSORT };
709 atomic_swap_ushort { FLAGS = NODYNSORT };
710 membar_consumer;
711 membar_enter;
712 membar_exit;
713 membar_producer;

715 $if _ELF32
716     enable_extended_FILE_stdio;
717 $endif

719 $if i386
720     # Note: atomic_[and,dec,inc,or]_64_nv are also defined above. Here,
721     # we add the NODYNSORT attribute to them. On this platform, they are
722     # aliases for the non-_nv versions. If that is changed, these lines
723     # should be removed.
724     atomic_and_64_nv { FLAGS = NODYNSORT };
725     atomic_dec_64_nv { FLAGS = NODYNSORT };
726     atomic_inc_64_nv { FLAGS = NODYNSORT };
727     atomic_or_64_nv { FLAGS = NODYNSORT };
728 $endif
729 $if _sparc
730     # Note: atomic_OP_WIDTH_nv symbols are also defined above. Here,
731     # we add the NODYNSORT attribute to them. On this platform, they are
732     # aliases for the non-_nv versions. If that is changed, these lines
733     # should be removed.
734     atomic_add_8_nv { FLAGS = NODYNSORT };
735     atomic_and_8_nv { FLAGS = NODYNSORT };
736     atomic_and_16_nv { FLAGS = NODYNSORT };
737     atomic_and_32_nv { FLAGS = NODYNSORT };
738     atomic_and_64_nv { FLAGS = NODYNSORT };
739     atomic_dec_8_nv { FLAGS = NODYNSORT };
740     atomic_dec_16_nv { FLAGS = NODYNSORT };
741     atomic_dec_32_nv { FLAGS = NODYNSORT };
742     atomic_dec_64_nv { FLAGS = NODYNSORT };
743     atomic_inc_8_nv { FLAGS = NODYNSORT };
744     atomic_inc_16_nv { FLAGS = NODYNSORT };
745     atomic_inc_32_nv { FLAGS = NODYNSORT };
746     atomic_inc_64_nv { FLAGS = NODYNSORT };
747     atomic_or_8_nv { FLAGS = NODYNSORT };
748     atomic_or_16_nv { FLAGS = NODYNSORT };
749     atomic_or_32_nv { FLAGS = NODYNSORT };
750     atomic_or_64_nv { FLAGS = NODYNSORT };
751 $endif
752 } SUNW_1.22;

754 SYMBOL_VERSION SUNW_1.22 { # SunOS 5.10 (Solaris 10)
755     global:
756     $if _ELF32
757         dladdr { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
758         dladdr1 { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
759         dlclose { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
760         dlclose { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
761         dlerror { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
762         dlinfo { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };

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763     dllopen      { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
764     dllopen      { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
765     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
766 $elif sparcv9
767     dladdr       { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
768     dladdr1      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
769     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
770     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
771     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
772     dlerror      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
773     dlerror      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
774     dlerror      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
775     dlerror      { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
776 $elif amd64
777     dladdr       { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
778     dladdr1      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
779     dladdr1      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
780     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
781     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
782     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
783     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
784     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
785     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
786     dlclose      { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
787 $else
788 $error unknown platform
789 $endif

791     protected:
792     _alphasort;
793     _alphasort;
794     atomic_add_16;
795     atomic_add_16_nv;
796     atomic_add_32;
797     atomic_add_32_nv;
798     atomic_add_64;
799     atomic_add_64_nv;
800     atomic_add_long      { FLAGS = NODYNSORT };
801     atomic_add_long_nv   { FLAGS = NODYNSORT };
802     atomic_and_32;
803     atomic_and_uint      { FLAGS = NODYNSORT };
804     atomic_or_32;
805     atomic_or_uint       { FLAGS = NODYNSORT };
806     _Exit;
807     getisax;
808     _getisax;
809     getopt_clip;
810     _getopt_clip;
811     getopt_long;
812     _getopt_long;
813     getopt_long_only;
814     _getopt_long_only;
815     getpeercred;
816     _getpeercred;
817     getpflags;
818     _getpflags;
819     getppriv;
820     _getppriv;
821     getprivimplinfo;
822     _getprivimplinfo;
823     getzoneid;
824     getzoneidbyname;
825     getzonenamebyid;
826     imaxabs;
827     imaxdiv;
828     isblank;

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829     iswblank;
830     port_alert;
831     port_associate;
832     port_create;
833     port_dissociate;
834     port_get;
835     port_getn;
836     port_send;
837     port_sendn;
838     posix_openpt;
839     posix_spawn;
840     posix_spawnattr_destroy;
841     posix_spawnattr_getflags;
842     posix_spawnattr_getpgroup;
843     posix_spawnattr_getschedparam;
844     posix_spawnattr_getschedpolicy;
845     posix_spawnattr_getsigdefault;
846     posix_spawnattr_getsigmask;
847     posix_spawnattr_init;
848     posix_spawnattr_setflags;
849     posix_spawnattr_setpgroup;
850     posix_spawnattr_setschedparam;
851     posix_spawnattr_setschedpolicy;
852     posix_spawnattr_setsigdefault;
853     posix_spawnattr_setsigmask;
854     posix_spawn_file_actions_addclose;
855     posix_spawn_file_actions_adddup2;
856     posix_spawn_file_actions_addopen;
857     posix_spawn_file_actions_destroy;
858     posix_spawn_file_actions_init;
859     posix_spawn;
860     priv_addset;
861     _priv_addset;
862     priv_allocset;
863     _priv_allocset;
864     priv_copyset;
865     _priv_copyset;
866     priv_delset;
867     _priv_delset;
868     priv_emptyset;
869     _priv_emptyset;
870     priv_fillset;
871     _priv_fillset;
872     _priv_free_info;
873     priv_freeset;
874     _priv_freeset;
875     priv_getbyname;
876     _priv_getbyname;
877     __priv_getbyname;
878     priv_getbynum;
879     _priv_getbynum;
880     __priv_getbynum;
881     _priv_getdata;
882     priv_getsetbyname;
883     _priv_getsetbyname;
884     __priv_getsetbyname;
885     priv_getsetbynum;
886     _priv_getsetbynum;
887     __priv_getsetbynum;
888     priv_gettext;
889     _priv_gettext;
890     priv_ineffect;
891     _priv_ineffect;
892     priv_intersect;
893     _priv_intersect;
894     priv_inverse;

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895  __priv_inverse;
896  priv_isemptyset;
897  __priv_isemptyset;
898  priv_isequalset;
899  __priv_isequalset;
900  priv_isfullset;
901  __priv_isfullset;
902  priv_ismember;
903  __priv_ismember;
904  priv_issubset;
905  __priv_issubset;
906  __priv_parse_info;
907  priv_set;
908  __priv_set;
909  priv_set_to_str;
910  __priv_set_to_str;
911  __priv_set_to_str;
912  priv_str_to_set;
913  __priv_str_to_set;
914  priv_union;
915  __priv_union;
916  pselect;
917  pthread_attr_getstack;
918  pthread_attr_setstack;
919  pthread_barrierattr_destroy;
920  pthread_barrierattr_getpshared;
921  pthread_barrierattr_init;
922  pthread_barrierattr_setpshared;
923  pthread_barrier_destroy;
924  pthread_barrier_init;
925  pthread_barrier_wait;
926  pthread_condattr_getclock;
927  pthread_condattr_setclock;
928  pthread_mutexattr_getrobust_np { FLAGS = NODYNSORT };
929  pthread_mutexattr_setrobust_np { FLAGS = NODYNSORT };
930  pthread_mutex_consistent_np { FLAGS = NODYNSORT };
931  pthread_mutex_reltimedlock_np;
932  pthread_mutex_timedlock;
933  pthread_rwlock_reltimedrdlock_np;
934  pthread_rwlock_reltimedwrlock_np;
935  pthread_rwlock_timedrdlock;
936  pthread_rwlock_timedwrlock;
937  pthread_setschedprio;
938  pthread_spin_destroy;
939  pthread_spin_init;
940  pthread_spin_lock;
941  pthread_spin_trylock;
942  pthread_spin_unlock;
943  rctlblk_set_recipient_pid;
944  scandir;
945  __scandir;
946  schedctl_exit;
947  schedctl_init;
948  schedctl_lookup;
949  sema_reltimedwait;
950  sema_timedwait;
951  setenv;
952  setpflags;
953  __setpflags;
954  setppriv;
955  __setppriv;
956  strerror_r;
957  strtouf;
958  strtoumax;
959  strtold;
960  strtoumax;

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961  ucred_free;
962  __ucred_free;
963  ucred_get;
964  __ucred_get;
965  ucred_getegid;
966  __ucred_getegid;
967  ucred_geteuid;
968  __ucred_geteuid;
969  ucred_getgroups;
970  __ucred_getgroups;
971  ucred_getpflags;
972  __ucred_getpflags;
973  ucred_getpid;
974  __ucred_getpid;
975  ucred_getprivset;
976  __ucred_getprivset;
977  ucred_getprojid;
978  __ucred_getprojid;
979  ucred_getrgid;
980  __ucred_getrgid;
981  ucred_getruid;
982  __ucred_getruid;
983  ucred_getsgid;
984  __ucred_getsgid;
985  ucred_getsuid;
986  __ucred_getsuid;
987  ucred_getzoneid;
988  __ucred_getzoneid;
989  ucred_size;
990  __ucred_size;
991  unsetenv;
992  wcstof;
993  wcstolimax;
994  wcstold;
995  wcstoll;
996  wcstoull;
997  wcstoumax;

999 $if lf64
1000     alphasort64;
1001     __alphasort64;
1002     pselect_large_fdset;
1003     scandir64;
1004     __scandir64;
1005 $endif

1007 $if _ELF64
1008     walkcontext;
1009 $endif

1011 $if _sparc
1012     # Note: atomic_add_[16,32,64]_nv are also defined above. Here, we add
1013     # the NODYNSORT attribute to them. On this platform, they are aliases
1014     # for the non-_nv versions. If that is changed, these lines should be
1015     # removed.
1016     atomic_add_16_nv { FLAGS = NODYNSORT };
1017     atomic_add_32_nv { FLAGS = NODYNSORT };
1018     atomic_add_64_nv { FLAGS = NODYNSORT };
1019 $endif

1021 $if i386
1022     # Note: atomic_add_64_nv is also defined above. Here, we add the
1023     # NODYNSORT attribute to it. On this platform, it is an aliases for
1024     # atomic_add_64. If that is changed, this line should be removed.
1025     atomic_add_64_nv { FLAGS = NODYNSORT };
1026 $endif

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1028 $if amd64
1029     # Exception unwind APIs required by the amd64 ABI
1030     _SUNW_Unwind_DeleteException;
1031     _SUNW_Unwind_ForcedUnwind;
1032     _SUNW_Unwind_GetCFA;
1033     _SUNW_Unwind_GetGR;
1034     _SUNW_Unwind_GetIP;
1035     _SUNW_Unwind_GetLanguageSpecificData;
1036     _SUNW_Unwind_GetRegionStart;
1037     _SUNW_Unwind_RaiseException;
1038     _SUNW_Unwind_Resume;
1039     _SUNW_Unwind_SetGR;
1040     _SUNW_Unwind_SetIP;
1041     _UA_CLEANUP_PHASE;
1042     _UA_FORCE_UNWIND;
1043     _UA_HANDLER_FRAME;
1044     _UA_SEARCH_PHASE;
1045     _Unwind_DeleteException;
1046     _Unwind_ForcedUnwind;
1047     _Unwind_GetCFA;
1048     _Unwind_GetGR;
1049     _Unwind_GetIP;
1050     _Unwind_GetLanguageSpecificData;
1051     _Unwind_GetRegionStart;
1052     _Unwind_RaiseException;
1053     _Unwind_Resume;
1054     _Unwind_SetGR;
1055     _Unwind_SetIP;
1056 $endif
1057 } SUNW_1.21.3;

1059 SYMBOL_VERSION SUNW_1.21.3 {    # SunOS 5.9 (Solaris 9) patch additions
1060     protected:
1061     forkall;
1062 } SUNW_1.21.2;

1064 SYMBOL_VERSION SUNW_1.21.2 {    # SunOS 5.9 (Solaris 9) patch additions
1065     protected:
1066     getustack;
1067     _getustack;
1068     setustack;
1069     _setustack;
1070     stack_getbounds;
1071     _stack_getbounds;
1072     _stack_grow;
1073     stack_inbounds;
1074     _stack_inbounds;
1075     stack_setbounds;
1076     _stack_setbounds;
1077     stack_violation;
1078     _stack_violation;

1080 $if _sparc
1081     __makecontext_v2;
1082     __makecontext_v2;
1083 $endif
1084 } SUNW_1.21.1;

1086 SYMBOL_VERSION SUNW_1.21.1 {    # SunOS 5.9 (Solaris 9) patch additions
1087     protected:
1088     crypt_gensalt;
1089 } SUNW_1.21;

1091 SYMBOL_VERSION SUNW_1.21 {      # SunOS 5.9 (Solaris 9)
1092     protected:

```

```

1093     attropen;
1094     _attropen;
1095     bind_textdomain_codeset;
1096     closefrom;
1097     _closefrom;
1098     cond_reltimedwait;
1099     dcngettext;
1100     dngettext;
1101     fchownat;
1102     _fchownat;
1103     fdopendir;
1104     _fdopendir;
1105     fdwalk;
1106     _fdwalk;
1107     fstatat;
1108     _fstatat;
1109     futimesat;
1110     _futimesat;
1111     getcpuid;
1112     _getcpuid;
1113     gethomelgroup;
1114     _gethomelgroup        { FLAGS = NODYNSORT };
1115     getpagesizes;
1116     getrctl;
1117     _getrctl;
1118     issetugid;
1119     _issetugid;
1120     _lwp_cond_reltimedwait;
1121     meminfo;
1122     _meminfo;
1123     ngettext;
1124     openat;
1125     _openat;
1126     printstack;
1127     pricnt1;
1128     pricnt1set;
1129     pset_getattr;
1130     pset_getloadavg;
1131     pset_list;
1132     pset_setattr;
1133     pthread_cond_reltimedwait_np;
1134     rctlblk_get_enforced_value;
1135     rctlblk_get_firing_time;
1136     rctlblk_get_global_action;
1137     rctlblk_get_global_flags;
1138     rctlblk_get_local_action;
1139     rctlblk_get_local_flags;
1140     rctlblk_get_privilege;
1141     rctlblk_get_recipient_pid;
1142     rctlblk_get_value;
1143     rctlblk_set_local_action;
1144     rctlblk_set_local_flags;
1145     rctlblk_set_privilege;
1146     rctlblk_set_value;
1147     rctlblk_size;
1148     rctl_walk;
1149     renameat;
1150     setrctl;
1151     _setrctl;
1152     unlinkat;
1153     _unlinkat;
1154     vfscanf;
1155     _vfscanf;
1156     vfwscanf;
1157     vscanf;
1158     _vscanf;

```

```

1159     vsscanf;
1160     _vsscanf;
1161     vwscanf;
1162     vwscanf;

1164 $if _ELF32
1165     walkcontext;
1166 $endif

1168 $if lf64
1169     attropen64;
1170     _attropen64;
1171     fstatat64;
1172     _fstatat64;
1173     openat64;
1174     _openat64;
1175 $endif
1176 } SUNW_1.20.4;

1178 SYMBOL_VERSION SUNW_1.20.4 { # SunOS 5.8 (Solaris 8) patch additions
1179     protected:
1180     semtimedop;
1181     _semtimedop;
1182 } SUNW_1.20.1;

1184 SYMBOL_VERSION SUNW_1.20.1 { # SunOS 5.8 (Solaris 8) patch additions
1185     protected:
1186     getacct;
1187     _getacct;
1188     getprojid;
1189     _getprojid;
1190     gettaskid;
1191     _gettaskid;
1192     msgids;
1193     _msgids;
1194     msgsnap;
1195     _msgsnap;
1196     putacct;
1197     _putacct;
1198     semids;
1199     _semids;
1200     settaskid;
1201     _settaskid;
1202     shmids;
1203     _shmids;
1204     wracct;
1205     _wracct;
1206 } SUNW_1.20;

1208 SYMBOL_VERSION SUNW_1.20 { # SunOS 5.8 (Solaris 8)
1209     protected:
1210     getextmntent;
1211     resetmnttab;
1212 } SUNW_1.19;

1214 SYMBOL_VERSION SUNW_1.19 {
1215     protected:
1216     strlcat;
1217     strlcpy;
1218     umount2;
1219     _umount2;
1220 } SUNW_1.18.1;

1222 SYMBOL_VERSION SUNW_1.18.1 {
1223     protected:
1224     __fsetlocking;

```

```

1225 } SUNW_1.18;

1227 SYMBOL_VERSION SUNW_1.18 { # SunOS 5.7 (Solaris 7)
1228     protected:
1229     btowc;
1230     __fbufsize;
1231     __flbf;
1232     __flushlbf;
1233     __fpending;
1234     __fpurge;
1235     __freadable;
1236     __freading;
1237     fwide;
1238     fwprintf;
1239     __fwritable;
1240     __fwriting;
1241     fwscanf;
1242     getloadavg;
1243     isaexec;
1244     mbrlen;
1245     mbrtowc;
1246     mbsinit;
1247     mbsrtowcs;
1248     pcsample;
1249     pthread_attr_getguardsize;
1250     pthread_attr_setguardsize;
1251     pthread_getconcurrency;
1252     pthread_mutexattr_gettype;
1253     pthread_mutexattr_settype;
1254     pthread_rwlockattr_destroy;
1255     pthread_rwlockattr_getpshared;
1256     pthread_rwlockattr_init;
1257     pthread_rwlockattr_setpshared;
1258     pthread_rwlock_destroy;
1259     pthread_rwlock_init;
1260     pthread_rwlock_rdlock;
1261     pthread_rwlock_tryrdlock;
1262     pthread_rwlock_trywrlock;
1263     pthread_rwlock_unlock;
1264     pthread_rwlock_wrlock;
1265     pthread_setconcurrency;
1266     swprintf;
1267     swscanf;
1268     __sysconf_xpg5;
1269     vfwprintf;
1270     vswprintf;
1271     vwprintf;
1272     wcartomb;
1273     wcsrtombs;
1274     wcsstr;
1275     wctob;
1276     wmemchr;
1277     wmemcmp;
1278     wmemcpy;
1279     wmemmove;
1280     wmemset;
1281     wprintf;
1282     wscanf;

1284 $if _ELF32
1285     select_large_fdset;
1286 $endif
1287 } SUNW_1.17;

1289 # The empty versions SUNW_1.2 through SUNW_1.17 must be preserved because
1290 # applications built on Solaris 2.6 Beta (when they did contain symbols)

```

```

1291 # may depend on them. All symbol content for SunOS 5.6 is now in SUNW_1.1
1293 SYMBOL_VERSION SUNW_1.17 {
1294     protected:
1295     SUNW_1.17;
1296 } SUNW_1.16;

1298 SYMBOL_VERSION SUNW_1.16 {
1299     protected:
1300     SUNW_1.16;
1301 } SUNW_1.15;

1303 SYMBOL_VERSION SUNW_1.15 {
1304     protected:
1305     SUNW_1.15;
1306 } SUNW_1.14;

1308 SYMBOL_VERSION SUNW_1.14 {
1309     protected:
1310     SUNW_1.14;
1311 } SUNW_1.13;

1313 SYMBOL_VERSION SUNW_1.13 {
1314     protected:
1315     SUNW_1.13;
1316 } SUNW_1.12;

1318 SYMBOL_VERSION SUNW_1.12 {
1319     protected:
1320     SUNW_1.12;
1321 } SUNW_1.11;

1323 SYMBOL_VERSION SUNW_1.11 {
1324     protected:
1325     SUNW_1.11;
1326 } SUNW_1.10;

1328 SYMBOL_VERSION SUNW_1.10 {
1329     protected:
1330     SUNW_1.10;
1331 } SUNW_1.9;

1333 SYMBOL_VERSION SUNW_1.9 {
1334     protected:
1335     SUNW_1.9;
1336 } SUNW_1.8;

1338 SYMBOL_VERSION SUNW_1.8 {
1339     protected:
1340     SUNW_1.8;
1341 } SUNW_1.7;

1343 SYMBOL_VERSION SUNW_1.7 {
1344     protected:
1345     SUNW_1.7;
1346 } SUNW_1.6;

1348 SYMBOL_VERSION SUNW_1.6 {
1349     protected:
1350     SUNW_1.6;
1351 } SUNW_1.5;

1353 SYMBOL_VERSION SUNW_1.5 {
1354     protected:
1355     SUNW_1.5;
1356 } SUNW_1.4;

```

```

1358 SYMBOL_VERSION SUNW_1.4 {
1359     protected:
1360     SUNW_1.4;
1361 } SUNW_1.3;

1363 SYMBOL_VERSION SUNW_1.3 {
1364     protected:
1365     SUNW_1.3;
1366 } SUNW_1.2;

1368 SYMBOL_VERSION SUNW_1.2 {
1369     protected:
1370     SUNW_1.2;
1371 } SUNW_1.1;

1373 SYMBOL_VERSION SUNW_1.1 { # SunOS 5.6 (Solaris 2.6)
1374     global:
1375     __loc1;
1376     protected:
1377     basename;
1378     bindtextdomain;
1379     bsd_signal;
1380     dbm_clearerr;
1381     dbm_error;
1382     dcgettext;
1383     dgettext;
1384     directio;
1385     dirname;
1386     endusershell;
1387     _exithandle;
1388     fgetwc;
1389     fgetws;
1390     fpgetround;
1391     fpsetround;
1392     fputwc;
1393     fputws;
1394     fseeko;
1395     ftello;
1396     ftrylockfile;
1397     getexecname;
1398     _getexecname;
1399     getpassphrase;
1400     gettext;
1401     getusershell;
1402     getwc;
1403     getwchar;
1404     getws;
1405     isenglish;
1406     isideogram;
1407     isnumber;
1408     isphonogram;
1409     isspecial;
1410     iswalnum;
1411     iswalpha;
1412     iswcntrl;
1413     iswctype;
1414     iswdigit;
1415     iswgraph;
1416     iswlower;
1417     iswprint;
1418     iswpunct;
1419     iswspace;
1420     iswupper;
1421     iswxdigit;
1422     __loc1;

```



```

1423     __longjmp;
1424     __lwp_sema_trywait;
1425     ntp_adjtime;
1426     __ntp_adjtime;
1427     ntp_gettime;
1428     __ntp_gettime;
1429     __posix_asctime_r;
1430     __posix_ctime_r;
1431     __posix_getgrgid_r;
1432     __posix_getgrnam_r;
1433     __posix_getlogin_r;
1434     __posix_getpwnam_r;
1435     __posix_getpwuid_r;
1436     __posix_sigwait;
1437     __posix_ttyname_r;
1438     pset_assign;
1439     pset_bind;
1440     pset_create;
1441     pset_destroy;
1442     pset_info;
1443     pthread_atfork;
1444     pthread_attr_destroy;
1445     pthread_attr_getdetachstate;
1446     pthread_attr_getinheritsched;
1447     pthread_attr_getschedparam;
1448     pthread_attr_getschedpolicy;
1449     pthread_attr_getscope;
1450     pthread_attr_getstackaddr;
1451     pthread_attr_getstacksize;
1452     pthread_attr_init;
1453     pthread_attr_setdetachstate;
1454     pthread_attr_setinheritsched;
1455     pthread_attr_setschedparam;
1456     pthread_attr_setschedpolicy;
1457     pthread_attr_setscope;
1458     pthread_attr_setstackaddr;
1459     pthread_attr_setstacksize;
1460     pthread_cancel;
1461     __pthread_cleanup_pop;
1462     __pthread_cleanup_push;
1463     pthread_create;
1464     pthread_detach;
1465     pthread_equal;
1466     pthread_exit;
1467     pthread_getschedparam;
1468     pthread_getspecific;
1469     pthread_join;
1470     pthread_key_create;
1471     pthread_key_delete;
1472     pthread_kill;
1473     pthread_once;
1474     pthread_self;
1475     pthread_setcancelstate;
1476     pthread_setcanceltype;
1477     pthread_setschedparam;
1478     pthread_setspecific;
1479     pthread_sigmask;
1480     pthread_testcancel;
1481     putwc;
1482     putwchar;
1483     putws;
1484     regcmp;
1485     regex;
1486     resolvepath;
1487     __resolvepath;
1488     rwlock_destroy { FLAGS = NODYNSORT };

```

```

1489     __rwlock_destroy { FLAGS = NODYNSORT };
1490     sema_destroy;
1491     __sema_destroy;
1492     __setjmp;
1493     setusershell;
1494     siginterrupt;
1495     sigstack;
1496     snprintf;
1497     strtows;
1498     sync_instruction_memory;
1499     textdomain;
1500     thr_main;
1501     towctrans;
1502     tolower;
1503     toupper;
1504     ungetwc;
1505     vsnprintf;
1506     watoll;
1507     wcsat;
1508     wcschr;
1509     wcsncmp;
1510     wscoll;
1511     wcsncpy;
1512     wcsncpy;
1513     wcsftime;
1514     wcslen;
1515     wcsncat;
1516     wcsncmp;
1517     wcsncpy;
1518     wcsrchr;
1519     wcsrchr;
1520     wcssp;
1521     wcstod;
1522     wcstok;
1523     wcstol;
1524     wcstoul;
1525     wcs wcs;
1526     wcs width;
1527     wcsxfrm;
1528     wctrans;
1529     wctype;
1530     wcwidth;
1531     wscasecmp;
1532     wscat;
1533     wschr;
1534     wscmp;
1535     wscoll;
1536     wscoll;
1537     wscpy;
1538     wscspn;
1539     wsdup;
1540     wslen;
1541     wsncasecmp;
1542     wsnat;
1543     wsnncmp;
1544     wsnncpy;
1545     wspbrk;
1546     wsprintf;
1547     wsrchr;
1548     wsscanf;
1549     wssp;
1550     wstod;
1551     wstok;
1552     wstol;
1553     wstoll;
1554     wstostr;

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```

1555     wsxfrm;
1556     __xpg4_putmsg;
1557     __xpg4_putpmsg;

1559 $if lf64
1560     creat64;
1561     _creat64;
1562     fgetpos64;
1563     fopen64;
1564     freopen64;
1565     fseek64;
1566     fsetpos64;
1567     fstat64;
1568     _fstat64;
1569     fstatvfs64;
1570     _fstatvfs64;
1571     ftello64;
1572     ftruncate64;
1573     _ftruncate64;
1574     ftw64;
1575     _ftw64;
1576     getdents64;
1577     _getdents64;
1578     getrlimit64;
1579     _getrlimit64;
1580     lockf64;
1581     _lockf64;
1582     lseek64;
1583     _lseek64;
1584     lstat64;
1585     _lstat64;
1586     mkstemp64;
1587     _mkstemp64;
1588     mmap64;
1589     _mmap64;
1590     nftw64;
1591     _nftw64;
1592     open64;
1593     _open64;
1594     __posix_readdir_r;
1595     pread64;
1596     _pread64;
1597     pwrite64;
1598     _pwrite64;
1599     readdir64;
1600     _readdir64;
1601     readdir64_r;
1602     _readdir64_r;
1603     setrlimit64;
1604     _setrlimit64;
1605     s_fcntl;
1606     _s_fcntl           { FLAGS = NODYSORT };
1607     s_ioctl;
1608     stat64;
1609     _stat64;
1610     statvfs64;
1611     _statvfs64;
1612     tell64;
1613     _tell64;
1614     tmpfile64;
1615     truncate64;
1616     _truncate64;
1617     _xftw64;
1618 $endif

1620 $if _sparc

```

```

1621     __flt_rounds;
1622 $endif
1623 } SUNW_0.9;

1625 SYMBOL_VERSION SUNW_0.9 {           # SunOS 5.5 (Solaris 2.5)
1626     protected:
1627     acl;
1628     bcmp;
1629     bcopy;
1630     bzero;
1631     facl;
1632     ftime;
1633     getdtablesize;
1634     gethostid;
1635     gethostname;
1636     getpagesize;
1637     getpriority;
1638     getrusage;
1639     getwd;
1640     index;
1641     initstate;
1642     killpg;
1643     _nsc_trydoorcall;
1644     pthread_condattr_destroy;
1645     pthread_condattr_getpshared;
1646     pthread_condattr_init;
1647     pthread_condattr_setpshared;
1648     pthread_cond_broadcast;
1649     pthread_cond_destroy;
1650     pthread_cond_init;
1651     pthread_cond_signal;
1652     pthread_cond_timedwait;
1653     pthread_cond_wait;
1654     pthread_mutexattr_destroy;
1655     pthread_mutexattr_getprioceiling;
1656     pthread_mutexattr_getprotocol;
1657     pthread_mutexattr_getpshared;
1658     pthread_mutexattr_init;
1659     pthread_mutexattr_setprioceiling;
1660     pthread_mutexattr_setprotocol;
1661     pthread_mutexattr_setpshared;
1662     pthread_mutex_destroy;
1663     pthread_mutex_getprioceiling;
1664     pthread_mutex_init;
1665     pthread_mutex_lock;
1666     pthread_mutex_setprioceiling;
1667     pthread_mutex_trylock;
1668     pthread_mutex_unlock;
1669     random;
1670     reboot;
1671     re_comp;
1672     re_exec;
1673     rindex;
1674     setbuffer;
1675     sethostname;
1676     setlinebuf;
1677     setpriority;
1678     setregid;
1679     setreuid;
1680     setstate;
1681     srandom;
1682     thr_min_stack;
1683     thr_stksegment;
1684     ualarm;
1685     usleep;
1686     wait3;

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1687     wait4;
1688 } SUNW_0.8;

1690 SYMBOL_VERSION SUNW_0.8 {      # SunOS 5.4 (Solaris 2.4)
1691     global:
1692     __xpg4                      { FLAGS = NODIRECT };
1693     protected:
1694     addsev;
1695     cond_broadcast              { FLAGS = NODYNSORT };
1696     cond_destroy                { FLAGS = NODYNSORT };
1697     cond_init;
1698     cond_signal                 { FLAGS = NODYNSORT };
1699     cond_timedwait;
1700     cond_wait;
1701     confstr;
1702     fnmatch;
1703     _getdate_err_addr;
1704     glob;
1705     globfree;
1706     iconv;
1707     iconv_close;
1708     iconv_open;
1709     lfmt;
1710     mutex_destroy              { FLAGS = NODYNSORT };
1711     mutex_init;
1712     mutex_lock                  { FLAGS = NODYNSORT };
1713     mutex_trylock              { FLAGS = NODYNSORT };
1714     mutex_unlock               { FLAGS = NODYNSORT };
1715     pfmt;
1716     regcomp;
1717     regerror;
1718     regexec;
1719     regfree;
1720     rwlock_init;
1721     rw_rdlock                  { FLAGS = NODYNSORT };
1722     rw_read_held;
1723     rw_tryrdlock               { FLAGS = NODYNSORT };
1724     rw_trywrlock               { FLAGS = NODYNSORT };
1725     rw_unlock                  { FLAGS = NODYNSORT };
1726     rw_write_held;
1727     rw_wrlock                  { FLAGS = NODYNSORT };
1728     sema_held;
1729     sema_init;
1730     sema_post;
1731     sema_trywait;
1732     sema_wait;
1733     setcat;
1734     sigfpe;
1735     strfmon;
1736     strptime;
1737     thr_continue;
1738     thr_create;
1739     thr_exit;
1740     thr_getconcurrency;
1741     thr_getprio;
1742     thr_getspecific;
1743     thr_join;
1744     thr_keycreate;
1745     thr_kill;
1746     thr_self                   { FLAGS = NODYNSORT };
1747     thr_setconcurrency;
1748     thr_setprio;
1749     thr_setspecific;
1750     thr_sigsetmask;
1751     thr_suspend;
1752     thr_yield;

```

```

1753     vlfmt;
1754     vpfmt;
1755     wordexp;
1756     wordfree;
1757 } SUNW_0.7;

1759 SYMBOL_VERSION SUNW_0.7 {      # SunOS 5.3 (Solaris 2.3)
1760     global:
1761     altzone;
1762     _ctype;
1763     isnanf                      { TYPE = FUNCTION; FILTER = libm.so.2 };
1764     lone;
1765     lten;
1766     lzero;
1767     memalign                    { FLAGS = NODIRECT };
1768     modff                       { TYPE = FUNCTION; FILTER = libm.so.2 };
1769     nss_default_finders;
1770     _sibuf;
1771     _sobuf;
1772     _sys_buslist;
1773     _sys_cldlist;
1774     _sys_fpelist;
1775     _sys_illlist;
1776     _sys_segvlst;
1777     _sys_siginfo;
1778     _sys_siglist;
1779     _sys_siglistn;
1780     _sys_siglistp;
1781     _sys_traplist;
1782     valloc                      { FLAGS = NODIRECT };

1784 $if _ELF32
1785     _bufendtab;
1786     _lastbuf;
1787     sys_errlist;
1788     sys_nerr;
1789     _sys_nsig;
1790 $endif

1792     protected:
1793     a64l;
1794     adjtime;
1795     ascftime;
1796     _assert;
1797     atoll;
1798     brk;
1799     __builtin_alloca;
1800     cftime;
1801     closelog;
1802     csetcol;
1803     csetlen;
1804     ctermid_r;
1805     dbm_close;
1806     dbm_delete;
1807     dbm_fetch;
1808     dbm_firstkey;
1809     dbm_nextkey;
1810     dbm_open;
1811     dbm_store;
1812     decimal_to_double;
1813     decimal_to_extended;
1814     decimal_to_quadruple;
1815     decimal_to_single;
1816     double_to_decimal;
1817     drand48;
1818     econvert;

```

```

1819      ecvt;
1820      endnetgrent;
1821      endspent;
1822      endtrent;
1823      endtrent;
1824      erand48;
1825      euccol;
1826      euclen;
1827      eucscol;
1828      extended_to_decimal;
1829      fchroot;
1830      fconvert;
1831      fcvt;
1832      ffs;
1833      fggetspent;
1834      fggetspent_r;
1835      _filbuf;
1836      file_to_decimal;
1837      finite;
1838      _flsbuf;
1839      fork1          { FLAGS = NODYNSORT };
1840      fpclass;
1841      fpgetmask;
1842      fpgetsticky;
1843      fpsetmask;
1844      fpsetsticky;
1845      fstats;
1846      ftruncate;
1847      ftw;
1848      func_to_decimal;
1849      gconvert;
1850      gcvt;
1851      getdents;
1852      gethrtime;
1853      gethrtime;
1854      getmntany;
1855      getmntent;
1856      getnetgrent;
1857      getnetgrent_r;
1858      getpw;
1859      getspent;
1860      getspent_r;
1861      getspnam;
1862      getspnam_r;
1863      gettrent;
1864      getutid;
1865      getutline;
1866      getutmp;
1867      getutmpx;
1868      getutxent;
1869      getutxid;
1870      getutxline;
1871      getvfsany;
1872      getvfsent;
1873      getvfsspec;
1874      getvfsspec;
1875      getwidth;
1876      gsignal;
1877      hasmntopt;
1878      inetgr;
1879      insque;
1880      _insque;
1881      jrand48;
1882      l64a;
1883      ladd;
1884      lckpddf;

```

```

1885      lcong48;
1886      ldivide;
1887      lexp10;
1888      llabs;
1889      lldiv;
1890      llog10;
1891      llseek;
1892      lltostr;
1893      lmul;
1894      lrand48;
1895      lshiftl;
1896      lsub;
1897      _lwp_cond_broadcast;
1898      _lwp_cond_signal;
1899      _lwp_cond_timedwait;
1900      _lwp_cond_wait;
1901      _lwp_continue;
1902      _lwp_info;
1903      _lwp_kill;
1904      _lwp_mutex_lock;
1905      _lwp_mutex_trylock;
1906      _lwp_mutex_unlock;
1907      _lwp_self;
1908      _lwp_sema_init;
1909      _lwp_sema_post;
1910      _lwp_sema_wait;
1911      _lwp_suspend;
1912      madvise;
1913      __major;
1914      __makedev;
1915      mincore;
1916      __minor;
1917      mkstemp;
1918      _mkstemp;
1919      mlockall;
1920      mrand48;
1921      munlockall;
1922      _mutex_held          { FLAGS = NODYNSORT };
1923      _mutex_lock          { FLAGS = NODYNSORT };
1924      nrand48;
1925      _nss_netdb_aliases;
1926      _nss_XbyY_buf_alloc;
1927      _nss_XbyY_buf_free;
1928      __nsw_extended_action;
1929      __nsw_freeconfig;
1930      __nsw_getconfig;
1931      openlog;
1932      plock;
1933      p_online;
1934      pread;
1935      __priocntl;
1936      __priocntlset;
1937      processor_bind;
1938      processor_info;
1939      psiginfo;
1940      psignal;
1941      putpwent;
1942      putspent;
1943      pututline;
1944      pututxline;
1945      pwrite;
1946      qeconvert;
1947      qecvt;
1948      qfconvert;
1949      qfcvt;
1950      qgconvert;

```

```

1951     gqcvrt;
1952     quadruple_to_decimal;
1953     realpath;
1954     remque;
1955     _remque;
1956     _rw_read_held;
1957     _rw_write_held;
1958     seconvert;
1959     seed48;
1960     select;
1961     _sema_held;
1962     setegid;
1963     seteuid;
1964     setlogmask;
1965     setnetgrent;
1966     setspent;
1967     settimeofday;
1968     setutent;
1969     setutxent;
1970     sfconvert;
1971     sgconvert;
1972     sig2str;
1973     sigwait;
1974     single_to_decimal;
1975     srand48;
1976     ssignal;
1977     statfs;
1978     str2sig;
1979     strcasecmp;
1980     string_to_decimal;
1981     strncasecmp;
1982     strsignal;
1983     strtoll;
1984     strtoull;
1985     swapctl;
1986     _syscall;
1987     sysfs;
1988     syslog;
1989     _syslog;
1990     tmpnam_r;
1991     truncate;
1992     ttyslot;
1993     uadmin;
1994     ulckpwnfd;
1995     ulltostr;
1996     unordered;
1997     updwtmp;
1998     updwtmpx;
1999     ustat;
2000     utimes;
2001     utmpname;
2002     utmpxname;
2003     vfork;
2004     vhangup;
2005     vsyslog;
2006     yield;

2008 $if i386
2009     # Note: _syscall is also defined above. Here, we add the NODYNSORT
2010     # attribute to it. On this platform, it is an alias to syscall.
2011     # If that is changed, this lines should be removed.
2012     _syscall          { FLAGS = NODYNSORT };
2013 $endif

2015 # The 32-bit sparc ABI requires SISCD_2.3. On other platforms, those symbols
2016 # go directly into SUNW_0.7.

```

```

2017 $if sparc32
2018 } SISCD_2.3;

2020 SYMBOL_VERSION SISCD_2.3 {
2021 $endif

2023     global:
2024         errno          { FLAGS = NODIRECT };
2025         _iob;

2027     protected:
2028         addseverity;
2029         _addseverity;
2030         asctime_r;
2031         crypt;
2032         _crypt;
2033         ctime_r;
2034         encrypt;
2035         _encrypt;
2036         endgrent;
2037         endpwent;
2038         __errno;
2039         fgetgrent;
2040         fgetgrent_r;
2041         fgetpwent;
2042         fgetpwent_r;
2043         flockfile;
2044         funlockfile;
2045         getchar_unlocked;
2046         getc_unlocked;
2047         getgrent;
2048         getgrent_r;
2049         getgrgid_r;
2050         getgrnam_r;
2051         getitimer;
2052         _getitimer;
2053         getlogin_r;
2054         getpwent;
2055         getpwent_r;
2056         getpwnam_r;
2057         getpwuid_r;
2058         gettimeofday;
2059         _gettimeofday;
2060         gmtime_r;
2061         localtime_r;
2062         putchar_unlocked;
2063         putc_unlocked;
2064         rand_r;
2065         readdir_r;
2066         setgrent;
2067         setitimer;
2068         _setitimer;
2069         setkey;
2070         _setkey;
2071         setpwent;
2072         strtok_r;
2073         sysinfo;
2074         _sysinfo;
2075         ttyname_r;

2077 $if _ELF32
2078     __div64;
2079     __mul64;
2080     __rem64;
2081     __udiv64;
2082     __urem64;

```

```

2083 $endif

2085 $if sparc32
2086     __dtoll;
2087     __dtoull;
2088     __ftoll;
2089     __ftoull;
2090     __Q_lltoq;
2091     __Q_qtoll;
2092     __Q_qtoull;
2093     __Q_ulltoq;
2094     sbrk;
2095     __sbrk;
2096     __umul64                { FLAGS = NODYNSORT }; # Same address as __mul6
2097 $endif

2099 # On 32-bit platforms, the following symbols go into SYSVABI_1.3, but on
2100 # other platforms they go directly into the current version (which will be
2101 # either SUNW_0.7, or SISCD_2.3, depending on the similar issue described above.
2102 $if _ELF32
2103 } SYSVABI_1.3;

2105 SYMBOL_VERSION SYSVABI_1.3 {
2106 $endif

2108     global:
2109         __altzone;
2110         __calloc                { FLAGS = NODIRECT };
2111         __ctype;
2112         __daylight;
2113         __daylight;
2114         __environ                { FLAGS = NODIRECT };
2115         __environ                { FLAGS = NODIRECT };
2116         __free                    { FLAGS = NODIRECT };
2117         __frexp                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2118         __getdate_err;
2119         __getdate_err;
2120         __getenv;
2121         __huge_val;
2122         __iob;
2123         __isnan                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2124         __isnan                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2125         __isnanand                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2126         __isnanand                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2127         __ldexp                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2128         __logb                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2129         __malloc                    { FLAGS = NODIRECT };
2130         __memcmp;
2131         __memcpy;
2132         __memmove;
2133         __memset;
2134         __modf                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2135         __modf                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2136         __nextafter                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2137         __nextafter                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2138         __numeric;
2139         __optarg;
2140         __opterr;
2141         __optind;
2142         __optopt;
2143         __realloc                    { FLAGS = NODIRECT };
2144         __scalb                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2145         __scalb                    { TYPE = FUNCTION; FILTER = libm.so.2 };
2146         __timezone;
2147         __timezone;
2148         __tzname;

```

```

2149         __tzname;
2150 $if i386
2151     __fp_hw;
2152 $endif

2154     protected:
2155         __abort;
2156         __abs;
2157         __access;
2158         __access;
2159         __acct;
2160         __acct;
2161         __alarm;
2162         __alarm;
2163         __asctime;
2164         __assert;
2165         __atexit;
2166         __atof;
2167         __atoi;
2168         __atol;
2169         __bsearch;
2170         __catclose;
2171         __catclose;
2172         __catgets;
2173         __catgets;
2174         __catopen;
2175         __catopen;
2176         __cfgetispeed;
2177         __cfgetispeed;
2178         __cfgetospeed;
2179         __cfgetospeed;
2180         __cfsetispeed;
2181         __cfsetispeed;
2182         __cfsetospeed;
2183         __cfsetospeed;
2184         __chdir;
2185         __chdir;
2186         __chmod;
2187         __chmod;
2188         __chown;
2189         __chown;
2190         __chroot;
2191         __chroot;
2192         __cleanup;
2193         __clearerr;
2194         __clock;
2195         __close;
2196         __close;
2197         __closedir;
2198         __closedir;
2199         __creat;
2200         __creat;
2201         __ctermid;
2202         __ctime;
2203         __cuserid;
2204         __cuserid;
2205         __difftime;
2206         __div;
2207         __dup;
2208         __dup;
2209         __dup2;
2210         __dup2;
2211         __execl;
2212         __execl;
2213         __execle;
2214         __execle;

```

```

2215     execlp;
2216     _execlp;
2217     execv;
2218     _execv;
2219     execve;
2220     _execve;
2221     execvp;
2222     _execvp;
2223     exit;
2224     _exit;
2225     fattach;
2226     _fattach;
2227     fchdir;
2228     _fchdir;
2229     fchmod;
2230     _fchmod;
2231     fchown;
2232     _fchown;
2233     fclose;
2234     fcntl;
2235     _fcntl;
2236     fdetach;
2237     _fdetach;
2238     fdopen;
2239     _fdopen;
2240     feof;
2241     ferror;
2242     fflush;
2243     fgetc;
2244     fgetpos;
2245     fgets;
2246     __filbuf;
2247     fileno;
2248     _fileno;
2249     __flsbuf;
2250     fmtmsg;
2251     _fmtmsg;
2252     fopen;
2253     fork;
2254     fork;
2255     fpathconf;
2256     _fpathconf;
2257     fprintf;
2258     fputc;
2259     fputs;
2260     fread;
2261     freopen;
2262     fscanf;
2263     fseek;
2264     fsetpos;
2265     fstat;
2266     _fstat;
2267     fstatvfs;
2268     _fstatvfs;
2269     fsync;
2270     _fsync;
2271     ftell;
2272     ftok;
2273     _ftok;
2274     fwrite;
2275     getc;
2276     getchar;
2277     getcontext;
2278     _getcontext;
2279     getcwd;
2280     _getcwd;

```

```

2281     getdate;
2282     _getdate;
2283     getegid;
2284     _getegid;
2285     geteuid;
2286     _geteuid;
2287     getgid;
2288     _getgid;
2289     getgrgid;
2290     getgrnam;
2291     getgroups;
2292     _getgroups;
2293     getlogin;
2294     getmsg;
2295     _getmsg;
2296     getopt;
2297     _getopt;
2298     getpass;
2299     _getpass;
2300     getpgid;
2301     _getpgid;
2302     getpgrp;
2303     _getpgrp;
2304     getpid;
2305     _getpid;
2306     getpmsg;
2307     _getpmsg;
2308     getppid;
2309     _getppid;
2310     getpwnam;
2311     getpwuid;
2312     getrlimit;
2313     _getrlimit;
2314     gets;
2315     getsid;
2316     _getsid;
2317     getsubopt;
2318     _getsubopt;
2319     gettxt;
2320     _gettxt;
2321     getuid;
2322     _getuid;
2323     getw;
2324     _getw;
2325     gmtime;
2326     grantpt;
2327     _grantpt;
2328     hcreate;
2329     _hcreate;
2330     hdestroy;
2331     _hdestroy;
2332     hsearch;
2333     _hsearch;
2334     initgroups;
2335     _initgroups;
2336     ioctl;
2337     _ioctl;
2338     isalnum;
2339     isalpha;
2340     isascii;
2341     _isascii;
2342     isastream;
2343     _isastream;
2344     isatty;
2345     _isatty;
2346     iscntrl;

```

```

2347 isdigit;
2348 isgraph;
2349 islower;
2350 isprint;
2351 ispunct;
2352 isspace;
2353 isupper;
2354 isxdigit;
2355 kill;
2356 _kill;
2357 labs;
2358 lchown;
2359 _lchown;
2360 ldiv;
2361 lfind;
2362 _lfind;
2363 link;
2364 _link;
2365 localeconv;
2366 localtime;
2367 lockf;
2368 _lockf;
2369 longjmp;
2370 lsearch;
2371 _lsearch;
2372 lseek;
2373 _lseek;
2374 lstat;
2375 _lstat;
2376 makecontext;
2377 _makecontext;
2378 mblen;
2379 mbstowcs;
2380 mbtowc;
2381 memccpy;
2382 _memccpy;
2383 memchr;
2384 memcntl;
2385 _memcntl;
2386 mkdir;
2387 _mkdir;
2388 mkfifo;
2389 _mkfifo;
2390 mknod;
2391 _mknod;
2392 mktemp;
2393 _mktemp;
2394 mktime;
2395 mlock;
2396 _mlock;
2397 mmap;
2398 _mmap;
2399 monitor;
2400 _monitor;
2401 mount;
2402 _mount;
2403 mprotect;
2404 _mprotect;
2405 msgctl;
2406 _msgctl;
2407 msgget;
2408 _msgget;
2409 msgrcv;
2410 _msgrcv;
2411 msgsnd;
2412 _msgsnd;

```

```

2413 msync;
2414 _msync;
2415 munlock;
2416 _munlock;
2417 munmap;
2418 _munmap;
2419 nftw;
2420 _nftw;
2421 nice;
2422 _nice;
2423 nl_langinfo;
2424 _nl_langinfo;
2425 open;
2426 _open;
2427 opendir;
2428 _opendir;
2429 pathconf;
2430 _pathconf;
2431 pause;
2432 _pause;
2433 pclose;
2434 _pclose;
2435 perror;
2436 pipe;
2437 _pipe;
2438 poll;
2439 _poll;
2440 popen;
2441 _popen;
2442 printf;
2443 profil;
2444 _profil;
2445 ptsname;
2446 _ptsname;
2447 putc;
2448 putchar;
2449 putenv;
2450 _putenv;
2451 putmsg;
2452 _putmsg;
2453 putpmsg;
2454 _putpmsg;
2455 puts;
2456 putw;
2457 _putw;
2458 qsort;
2459 raise;
2460 rand;
2461 read;
2462 _read;
2463 readdir;
2464 _readdir;
2465 readlink;
2466 _readlink;
2467 readv;
2468 _readv;
2469 remove;
2470 rename;
2471 _rename;
2472 rewind;
2473 _rewind;
2474 _rewinddir;
2475 rmdir;
2476 _rmdir;
2477 scanf;
2478 seekdir;

```



```

2479  _seekdir;
2480  semctl;
2481  _semctl;
2482  semget;
2483  _semget;
2484  semop;
2485  _semop;
2486  setbuf;
2487  setcontext;
2488  _setcontext      { FLAGS = NODYNSORT };
2489  setgid;
2490  _setgid;
2491  setgroups;
2492  _setgroups;
2493  setjmp;
2494  setlabel;
2495  setlocale;
2496  setpgid;
2497  _setpgid;
2498  setpgrp;
2499  _setpgrp;
2500  setrlimit;
2501  _setrlimit;
2502  setsid;
2503  _setsid;
2504  setuid;
2505  _setuid;
2506  setvbuf;
2507  shmat;
2508  _shmat;
2509  shmctl;
2510  _shmctl;
2511  shmdt;
2512  _shmdt;
2513  shmget;
2514  _shmget;
2515  sigaction;
2516  _sigaction      { FLAGS = NODYNSORT };
2517  sigaddset;
2518  _sigaddset;
2519  sigaltstack;
2520  _sigaltstack;
2521  sigdelset;
2522  _sigdelset;
2523  sigemptyset;
2524  _sigemptyset;
2525  sigfillset;
2526  _sigfillset;
2527  sighold;
2528  _sighold;
2529  sigignore;
2530  _sigignore;
2531  sigismember;
2532  _sigismember;
2533  siglongjmp;
2534  _siglongjmp;
2535  signal;
2536  sigpause;
2537  _sigpause;
2538  sigpending;
2539  _sigpending;
2540  sigprocmask;
2541  _sigprocmask;
2542  sigrelse;
2543  _sigrelse;
2544  sigsend;

```

```

2545  _sigsend;
2546  sigsendset;
2547  _sigsendset;
2548  sigset;
2549  _sigset;
2550  sigsetjmp;
2551  _sigsetjmp      { FLAGS = NODYNSORT };
2552  sigsuspend;
2553  _sigsuspend;
2554  sleep;
2555  _sleep;
2556  sprintf;
2557  srand;
2558  sscanf;
2559  stat;
2560  _stat;
2561  statvfs;
2562  _statvfs;
2563  stime;
2564  _stime;
2565  strcat;
2566  strchr;
2567  strcmp;
2568  strcoll;
2569  strcpy;
2570  strcspn;
2571  strdup;
2572  _strdup;
2573  strerror;
2574  strftime;
2575  strlen;
2576  strncat;
2577  strncmp;
2578  strncpy;
2579  strpbrk;
2580  strrchr;
2581  strspn;
2582  strstr;
2583  strtod;
2584  strtok;
2585  strtol;
2586  strtoul;
2587  strxfrm;
2588  swab;
2589  _swab;
2590  swapcontext;
2591  _swapcontext;
2592  symlink;
2593  _symlink;
2594  sync;
2595  _sync;
2596  sysconf;
2597  _sysconf;
2598  system;
2599  tcdrain;
2600  _tcdrain;
2601  tcflow;
2602  _tcflow;
2603  tcflush;
2604  _tcflush;
2605  tcgetattr;
2606  _tcgetattr;
2607  tcgetpgrp;
2608  _tcgetpgrp;
2609  tcgetsid;
2610  _tcgetsid;

```

```

2611 tcsendbreak;
2612 _tcsendbreak;
2613 tcsetattr;
2614 _tcsetattr;
2615 tcsetpgrp;
2616 _tcsetpgrp;
2617 tdelete;
2618 _tdelete;
2619 tell;
2620 _tell;
2621 telldir;
2622 _telldir;
2623 tempnam;
2624 _tempnam;
2625 tfind;
2626 _tfind;
2627 time;
2628 _time;
2629 times;
2630 _times;
2631 tmpfile;
2632 tmpnam;
2633 toascii;
2634 _toascii;
2635 tolower;
2636 _tolower;
2637 toupper;
2638 _toupper;
2639 tsearch;
2640 _tsearch;
2641 ttyname;
2642 twalk;
2643 _twalk;
2644 tzset;
2645 _tzset;
2646 ulimit;
2647 _ulimit;
2648 umask;
2649 _umask;
2650 umount;
2651 _umount;
2652 uname;
2653 _uname;
2654 ungetc;
2655 unlink;
2656 _unlink;
2657 unlockpt;
2658 _unlockpt;
2659 utime;
2660 _utime;
2661 vfprintf;
2662 vprintf;
2663 vsprintf;
2664 wait;
2665 _wait;
2666 waitid;
2667 _waitid;
2668 waitpid;
2669 _waitpid;
2670 wcstombs;
2671 wctomb;
2672 write;
2673 _write;
2674 writev;
2675 _writev;
2676 xftw;

```

```

2678 $if _ELF32
2679     ptrace;
2680     _ptrace;
2681 $endif

2683 $if i386
2684     _fxstat;
2685     _lxstat;
2686     nuname;
2687     _nuname;
2688     _xmknod;
2689     _xstat;
2690 $endif

2692 $if !sparc32
2693     sbrk;
2694 $endif

2696 $if _sparc
2697     __dtou;
2698     __ftou;
2699 $endif

2701 $if sparc32
2702     .div;
2703     .mul;
2704     .rem;
2705     .stret1;
2706     .stret2;
2707     .stret4;
2708     # .stret4 and .stret8 are the same thing
2709     .stret8           { FLAGS = NODYNSORT };
2710     .udiv;
2711     .umul;
2712     .urem;
2713     __Q_add;
2714     __Q_cmp;
2715     __Q_cmpe;
2716     __Q_div;
2717     __Q_dtoq;
2718     __Q_feq;
2719     __Q_fge;
2720     __Q_fgt;
2721     __Q_fle;
2722     __Qflt;
2723     __Q_fne;
2724     __Q_itoq;
2725     __Q_mul;
2726     __Q_neg;
2727     __Q_qtod;
2728     __Q_qtoi;
2729     __Q_qtos;
2730     __Q_qtou;
2731     __Q_sqrt;
2732     __Q_stoq;
2733     __Q_sub;
2734     __Q_utoq;
2735 $endif

2737 $if sparcv9
2738     # __align_cpy_1 is an alias for memcpy. Filter it out of
2739     # the .SUNW_dynsymsort section
2740     __align_cpy_1           { FLAGS = NODYNSORT };
2741     __align_cpy_16;
2742     __align_cpy_2;

```

```

2743 __align_cpy_4;
2744 # __align_cpy_8 is same as __align_cpy_16
2745 __align_cpy_8 { FLAGS = NODYNSORT };
2746 __dtoul;
2747 __ftoul;
2748 __Qp_add;
2749 __Qp_cmp;
2750 __Qp_cmpe;
2751 __Qp_div;
2752 __Qp_dtoq;
2753 __Qp_feq;
2754 __Qp_fge;
2755 __Qp_fgt;
2756 __Qp_file;
2757 __Qpflt;
2758 __Qp_fne;
2759 __Qp_itoq;
2760 __Qp_mul;
2761 __Qp_neg;
2762 __Qp_qtod;
2763 __Qp_qtoi;
2764 __Qp_qtos;
2765 __Qp_qtoui;
2766 __Qp_qtoux;
2767 __Qp_qtox;
2768 __Qp_sqrt;
2769 __Qp_stoq;
2770 __Qp_sub;
2771 __Qp_uitoq;
2772 __Qp_uxtoq;
2773 __Qp_xtoq;
2774 __sparc_ustrap_install;
2775 $endif

2777 # On amd64, we also have SYSVABI_1.3, but it contains a small subset of
2778 # the symbols put in that version on other platforms.
2779 $if amd64
2780 } SYSVABI_1.3;

2782 SYMBOL_VERSION SYSVABI_1.3 {
2783 $endif
2784 global:
2785 $if !_sparc
2786 __flt_rounds;
2787 $endif

2789 protected:
2790 __ctermid;
2791 __getgrgid;
2792 __getgrnam;
2793 __getlogin;
2794 __getpwnam;
2795 __getpwuid;
2796 __ttyname;

2798 $if !sparc32
2799 __sbrk;
2800 $endif

2802 $if _x86
2803 __fpstart;
2804 __fpstart;
2805 $endif
2806 };

```

```

2810 # There should never be more than one SUNWprivate version.
2811 # Don't add any more. Add new private symbols to SUNWprivate_1.1

2813 SYMBOL_VERSION SUNWprivate_1.1 {
2814 global:
2815 __Argv { FLAGS = NODIRECT };
2816 cfree { FLAGS = NODIRECT };
2817 cswidth;
2818 ctype_mask;
2819 environ_lock { FLAGS = NODIRECT };
2820 inf_read;
2821 inf_written;
2822 i_size;
2823 isnanf { TYPE = FUNCTION; FILTER = libm.so.2 };
2824 iswrun;
2825 libc_threaded;
2826 lib_version { FLAGS = NODIRECT };
2827 logb { TYPE = FUNCTION; FILTER = libm.so.2 };
2828 lone { FLAGS = NODYNSORT };
2829 lten { FLAGS = NODYNSORT };
2830 lzero { FLAGS = NODYNSORT };
2831 malloc_lock;
2832 memcmp;
2833 memcpy { FLAGS = NODYNSORT };
2834 memmove;
2835 memset;
2836 modff { TYPE = FUNCTION; FILTER = libm.so.2 };
2837 nan_read;
2838 nan_written;
2839 nextwctype;
2840 nis_debug_bind;
2841 nis_debug_calls;
2842 nis_debug_file;
2843 nis_debug_rpc;
2844 nis_prefsrv;
2845 nis_preftype;
2846 nis_server;
2847 nss_default_finders;
2848 progname { FLAGS = NODIRECT };
2849 sbuf;
2850 sp;
2851 strdupa_str { FLAGS = NODIRECT };
2852 strdupa_len { FLAGS = NODIRECT };
2853 tdb_bootstrap;
2854 threaded;
2855 thr_probe_getfunc_addr;
2856 trans_lower;
2857 trans_upper;
2858 uberdata;
2859 xpg6 { FLAGS = NODIRECT };

2861 $if _ELF32
2862 __dladdr { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2863 __dladdr1 { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2864 __dlclose { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2865 __dldump { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2866 __dlerror { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2867 __dlinfo { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2868 __dlmopen { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2869 __dlopen { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2870 __dlsym { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2871 __ld_libc { TYPE = FUNCTION; FILTER = /usr/lib/ld.so.1 };
2872 __sys_errlist;
2873 __sys_errs;
2874 __sys_index;

```

```

2875     _sys_nerr          { FLAGS = NODYNSORT };
2876     _sys_num_err;
2877 $elif sparcv9
2878     _dladdr            { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2879     _dladdr1           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2880     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2881     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2882     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2883     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2884     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2885     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2886     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2887     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/sparcv9/ld.so.1 };
2888 $elif amd64
2889     _dladdr            { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2890     _dladdr1           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2891     _dlam64getunwind { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2892     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2893     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2894     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2895     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2896     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2897     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2898     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2899     _dlclose           { TYPE = FUNCTION; FILTER = /usr/lib/amd64/ld.so.1 };
2900 $else
2901 $error unknown platform
2902 $endif

2904 $if _sparc
2905     __lyday_to_month;
2906     __mon_lengths;
2907     __yday_to_month;
2908 $endif
2909 $if i386
2910     __sse_hw;
2911 $endif

2913     protected:
2914     acctctl;
2915     allocids;
2916     __assert_c99;
2917     __assert_c99;
2918     __assfail;
2919     attr_count;
2920     attr_to_data_type;
2921     attr_to_name;
2922     attr_to_option;
2923     attr_to_xattr_view;
2924     __autofs;
2925     __bufsync;
2926     __cladm;
2927     __class_quadruple;
2928     core_get_default_content;
2929     core_get_default_path;
2930     core_get_global_content;
2931     core_get_global_path;
2932     core_get_options;
2933     core_get_process_content;
2934     core_get_process_path;
2935     core_set_default_content;
2936     core_set_default_path;
2937     core_set_global_content;
2938     core_set_global_path;
2939     core_set_options;
2940     core_set_process_content;

```

```

2941     core_set_process_path;
2942     dbm_close_status;
2943     dbm_do_nextkey;
2944     dbm_setdefwrite;
2945     _D_cplx_div;
2946     _D_cplx_div_ix;
2947     _D_cplx_div_rx;
2948     _D_cplx_mul;
2949     defclose_r;
2950     defcntl;
2951     defcntl_r;
2952     defopen;
2953     defopen_r;
2954     defread;
2955     defread_r;
2956     _delete;
2957     _dgettext;
2958     _doprint;
2959     _doscan;
2960     _errfp;
2961     _errxpf;
2962     exportfs;
2963     _F_cplx_div;
2964     _F_cplx_div_ix;
2965     _F_cplx_div_rx;
2966     _F_cplx_mul;
2967     __fgetwc_xpg5;
2968     __fgetws_xpg5;
2969     _findbuf;
2970     _findiop;
2971     _fini_daemon_priv;
2972     _finite;
2973     _forkl;
2974     _forkall;
2975     _fpclass;
2976     _fpgetmask;
2977     _fpgetround;
2978     _fpgetsticky;
2979     _fprintf;
2980     _fpsetmask;
2981     _fpsetround;
2982     _fpsetsticky;
2983     __fputwc_xpg5;
2984     __fputws_xpg5;
2985     _ftw;
2986     _gcvt;
2987     _getarg;
2988     _getcontext;
2989     _getdents;
2990     _get_exit_frame_monitor;
2991     _getfp;
2992     _getgroupsbymember;
2993     _getlogin_r;
2994     _getrandom;
2995     _getsp;
2996     _gettsp;
2997     getvmusage;
2998     __getwchar_xpg5;
2999     __getwc_xpg5;
3000     gtty;
3001     __idmap_flush_kcache;
3002     __idmap_reg;
3003     __idmap_unreg;
3004     _init_daemon_priv;
3005     _init_suid_priv;
3006     _insert;

```

```

{ FLAGS = NODYNSORT };
{ FLAGS = NODYNSORT };

```

```

3007     inst_sync;
3008     _iswctype;
3009     klpd_create;
3010     klpd_getpath;
3011     klpd_getport;
3012     klpd_getucred;
3013     klpd_register;
3014     klpd_register_id;
3015     klpd_unregister;
3016     klpd_unregister_id;
3017     _lgrp_home_fast      { FLAGS = NODYNSORT };
3018     _lgrpsys;
3019     _ltostr;
3020     _lock_clear;
3021     _lock_try;
3022     _ltzset;
3023     lwp_self;
3024     makeut;
3025     makeutx;
3026     _mbftowc;
3027     mcfiller;
3028     mntopt;
3029     modctl;
3030     modutx;
3031     msgctl64;
3032     __multi_innetgr;
3033     __mutex_destroy      { FLAGS = NODYNSORT };
3034     mutex_enter;
3035     mutex_exit;
3036     mutex_held;
3037     __mutex_init        { FLAGS = NODYNSORT };
3038     __mutex_unlock      { FLAGS = NODYNSORT };
3039     name_to_attr;
3040     nfs_getfh;
3041     nfssvc;
3042     _nfssys;
3043     __nis_get_environment;
3044     _nss_db_state_destr;
3045     nss_default_key2str;
3046     nss_delete;
3047     nss_endent;
3048     nss_getent;
3049     _nss_initf_group;
3050     _nss_initf_netgroup;
3051     _nss_initf_passwd;
3052     _nss_initf_shadow;
3053     nss_packed_arg_init;
3054     nss_packed_context_init;
3055     nss_packed_getkey;
3056     nss_packed_set_status;
3057     nss_search;
3058     nss_setent;
3059     _nss_XbyY_fgets;
3060     _nss_XbyY_fini;
3061     __nsw_extended_action_v1;
3062     __nsw_freeconfig_v1;
3063     __nsw_getconfig_v1;
3064     _nthreads;
3065     __openatrrdirat;
3066     option_to_attr;
3067     __priv_bracket;
3068     __priv_relinquish;
3069     psecflags;
3070     pset_assign_forced;
3071     pset_bind_lwp;
3072     _psignal;

```

```

3073     pthread_attr_getdaemonstate_np;
3074     pthread_attr_setdaemonstate_np;
3075     __pthread_setcleanupinit;
3076     __putwchar_xpg5;
3077     __putwc_xpg5;
3078     rctlctl;
3079     rctllist;
3080     _realbufend;
3081     _resume;
3082     _resume_ret;
3083     _rpcsys;
3084     _sbrk_grow_aligned;
3085     scrwidth;
3086     secflag_by_name;
3087     secflag_clear;
3088     secflags_copy;
3089     secflags_difference;
3090     secflags_fullset;
3091     secflags_intersection;
3092     secflags_isempty;
3093     secflag_isset;
3094     secflags_issubset;
3095     secflags_issuperset;
3096     secflag_set;
3097     secflag_to_bit;
3098     secflag_to_str;
3099     secflags_union;
3100     psecflags_validate_delta;
3101     secflags_zero;
3102     psecflags_default;
3103     secflags_parse;
3104     secflags_to_str;
3105     psecflags_validate;
3106     semctl64;
3107     _semctl64;
3108     set_setcontext_enforcement;
3109     _setbufend;
3110     __set_errno;
3111     setprojrctl;
3112     _setregid;
3113     _setreuid;
3114     setsigacthandler;
3115     shmctl64;
3116     _shmctl64;
3117     sigflag;
3118     _signal;
3119     _sigoff;
3120     _sigon;
3121     _so_accept;
3122     _so_bind;
3123     _sockconfig;
3124     _so_connect;
3125     _so_getpeername;
3126     _so_getsockname;
3127     _so_getsockopt;
3128     _so_listen;
3129     _so_recv;
3130     _so_recvfrom;
3131     _so_recvmsg;
3132     _so_send;
3133     _so_sendmsg;
3134     _so_sendto;
3135     _so_setsockopt;
3136     _so_shutdown;
3137     _so_socket;
3138     _so_socketpair;

```

```

3139     str2group;
3140     str2passwd;
3141     str2spwd;
3142     __strptime_dontzero;
3143     stty;
3144     syscall;
3145     _sysconfig;
3146     __systemcall;
3147     thr_continue_allmutators;
3148     _thr_continue_allmutators;
3149     thr_continue_mutator;
3150     _thr_continue_mutator;
3151     thr_getstate;
3152     _thr_getstate;
3153     thr_mutators_barrier;
3154     _thr_mutators_barrier;
3155     thr_probe_setup;
3156     _thr_schedctl;
3157     thr_setmutator;
3158     _thr_setmutator;
3159     thr_setstate;
3160     _thr_setstate;
3161     thr_sighndlrinfo;
3162     _thr_sighndlrinfo;
3163     _thr_slot_offset;
3164     thr_suspend_allmutators;
3165     _thr_suspend_allmutators;
3166     thr_suspend_mutator;
3167     _thr_suspend_mutator;
3168     thr_wait_mutator;
3169     _thr_wait_mutator;
3170     __tls_get_addr;
3171     _tmem_get_base;
3172     _tmem_get_nentries;
3173     _tmem_set_cleanup;
3174     tpool_create;
3175     tpool_dispatch;
3176     tpool_destroy;
3177     tpool_wait;
3178     tpool_suspend;
3179     tpool_suspended;
3180     tpool_resume;
3181     tpool_member;
3182     _ttyname_dev;
3183     _ucred_alloc;
3184     ucred_getamask;
3185     _ucred_getamask;
3186     ucred_getasid;
3187     _ucred_getasid;
3188     ucred_getatid;
3189     _ucred_getatid;
3190     ucred_getauid;
3191     _ucred_getauid;
3192     _ulltostr;
3193     _uncached_getgrgid_r;
3194     _uncached_getgrnam_r;
3195     _uncached_getpwnam_r;
3196     _uncached_getpwuid_r;
3197     __ungetwc_xpg5;
3198     _unordered;
3199     utssys;
3200     _verrfp;
3201     _verrxfp;
3202     _warnxfp;
3203     _warnxfp;
3204     _warnfp;

```

```

3205     _warnxfp;
3206     __wcsftime_xpg5;
3207     __wcstok_xpg5;
3208     wdbindf;
3209     wdchkind;
3210     wddelim;
3211     _wrtchk;
3212     _xflsbuf;
3213     _xgetwidth;
3214     zone_add_datalink;
3215     zone_boot;
3216     zone_check_datalink;
3217     zone_create;
3218     zone_destroy;
3219     zone_enter;
3220     zone_getattr;
3221     zone_get_id;
3222     zone_list;
3223     zone_list_datalink;
3224     zonept;
3225     zone_remove_datalink;
3226     zone_setattr;
3227     zone_shutdown;
3228     zone_version;

3230 $if _ELF32
3231     __divdi3;
3232     _file_set;
3233     _fprintf_c89;
3234     _fscanf_c89;
3235     _fwprintf_c89;
3236     _fwscanf_c89;
3237     _imaxabs_c89;
3238     _imaxdiv_c89;
3239     __moddi3;
3240     _printf_c89;
3241     _scanf_c89;
3242     _snprintf_c89;
3243     _sprintf_c89;
3244     _sscanf_c89;
3245     _strtoimax_c89;
3246     _strtoumax_c89;
3247     _swprintf_c89;
3248     _swscanf_c89;
3249     _udivdi3;
3250     _umoddi3;
3251     _vfprintf_c89;
3252     _vfscanf_c89;
3253     _vfwprintf_c89;
3254     _vfwscanf_c89;
3255     _vprintf_c89;
3256     _vscanf_c89;
3257     _vsnprintf_c89;
3258     _vsprintf_c89;
3259     _vsscanf_c89;
3260     _vswprintf_c89;
3261     _vswscanf_c89;
3262     _vwprintf_c89;
3263     _vwscanf_c89;
3264     _wcstoimax_c89;
3265     _wcstoumax_c89;
3266     _wprintf_c89;
3267     _wscanf_c89;
3268 $endif

3270 $if _sparc

```

```

3271  _cerror;
3272  install_utrap;
3273  _install_utrap;
3274  nop;
3275  _Q_cplx_div;
3276  _Q_cplx_div_ix;
3277  _Q_cplx_div_rx;
3278  _Q_cplx_lr_div;
3279  _Q_cplx_lr_div_ix;
3280  _Q_cplx_lr_div_rx;
3281  _Q_cplx_lr_mul;
3282  _Q_cplx_mul;
3283  _QgetRD;
3284  _xregs_clrptr;
3285 $endif

3287 $if sparc32
3288  __ashldi3;
3289  __ashrdi3;
3290  _cerror64;
3291  __cmpdi2;
3292  __floatdidf;
3293  __floatdisf;
3294  __floatundidf;
3295  __floatundisf;
3296  __lshrdi3;
3297  __muldi3;
3298  __ucmpdi2;
3299 $endif

3301 $if _x86
3302  _D_cplx_lr_div;
3303  _D_cplx_lr_div_ix;
3304  _D_cplx_lr_div_rx;
3305  _F_cplx_lr_div;
3306  _F_cplx_lr_div_ix;
3307  _F_cplx_lr_div_rx;
3308  __fltrounds;
3309  sysi86;
3310  __sysi86;
3311  _X_cplx_div;
3312  _X_cplx_div_ix;
3313  _X_cplx_div_rx;
3314  _X_cplx_lr_div;
3315  _X_cplx_lr_div_ix;
3316  _X_cplx_lr_div_rx;
3317  _X_cplx_mul;
3318  __xgetRD;
3319  __xtol;
3320  __xtoll;
3321  __xtoul;
3322  __xtoull;
3323 $endif

3325 $if i386
3326  __divrem64;
3327  __tls_get_addr;
3328  __udivrem64;
3329 $endif

3331 # The following functions should not be exported from libc,
3332 # but /lib/libm.so.2, some older versions of the Studio
3333 # compiler/debugger components, and some ancient programs
3334 # found in /usr/dist reference them. When we no longer
3335 # care about these old and broken binary objects, these
3336 # symbols should be deleted.

```

```

3337  _brk { FLAGS = NODYNSORT };
3338  _cond_broadcast { FLAGS = NODYNSORT };
3339  _cond_init { FLAGS = NODYNSORT };
3340  _cond_signal { FLAGS = NODYNSORT };
3341  _cond_wait { FLAGS = NODYNSORT };
3342  _ecvt { FLAGS = NODYNSORT };
3343  _fcvt { FLAGS = NODYNSORT };
3344  _getc_unlocked { FLAGS = NODYNSORT };
3345  _llseek { FLAGS = NODYNSORT };
3346  _pthread_attr_getdetachstate { FLAGS = NODYNSORT };
3347  _pthread_attr_getinheritsched { FLAGS = NODYNSORT };
3348  _pthread_attr_getschedparam { FLAGS = NODYNSORT };
3349  _pthread_attr_getschedpolicy { FLAGS = NODYNSORT };
3350  _pthread_attr_getscope { FLAGS = NODYNSORT };
3351  _pthread_attr_getstackaddr { FLAGS = NODYNSORT };
3352  _pthread_attr_getstacksize { FLAGS = NODYNSORT };
3353  _pthread_attr_init { FLAGS = NODYNSORT };
3354  _pthread_condattr_getpshared { FLAGS = NODYNSORT };
3355  _pthread_condattr_init { FLAGS = NODYNSORT };
3356  _pthread_cond_init { FLAGS = NODYNSORT };
3357  _pthread_create { FLAGS = NODYNSORT };
3358  _pthread_getschedparam { FLAGS = NODYNSORT };
3359  _pthread_join { FLAGS = NODYNSORT };
3360  _pthread_key_create { FLAGS = NODYNSORT };
3361  _pthread_mutexattr_getprioceiling { FLAGS = NODYNSORT };
3362  _pthread_mutexattr_getprotocol { FLAGS = NODYNSORT };
3363  _pthread_mutexattr_getpshared { FLAGS = NODYNSORT };
3364  _pthread_mutexattr_init { FLAGS = NODYNSORT };
3365  _pthread_mutex_getprioceiling { FLAGS = NODYNSORT };
3366  _pthread_mutex_init { FLAGS = NODYNSORT };
3367  _pthread_sigmask { FLAGS = NODYNSORT };
3368  _rwlock_init { FLAGS = NODYNSORT };
3369  _rw_rdlock { FLAGS = NODYNSORT };
3370  _rw_unlock { FLAGS = NODYNSORT };
3371  _rw_wrlock { FLAGS = NODYNSORT };
3372  _sbrk_unlocked { FLAGS = NODYNSORT };
3373  _select { FLAGS = NODYNSORT };
3374  _sema_init { FLAGS = NODYNSORT };
3375  _sema_post { FLAGS = NODYNSORT };
3376  _sema_trywait { FLAGS = NODYNSORT };
3377  _sema_wait { FLAGS = NODYNSORT };
3378  __sysfs { FLAGS = NODYNSORT };
3379  _thr_create { FLAGS = NODYNSORT };
3380  _thr_exit { FLAGS = NODYNSORT };
3381  _thr_getprio { FLAGS = NODYNSORT };
3382  _thr_getspecific { FLAGS = NODYNSORT };
3383  _thr_join { FLAGS = NODYNSORT };
3384  _thr_keycreate { FLAGS = NODYNSORT };
3385  _thr_kill { FLAGS = NODYNSORT };
3386  _thr_main { FLAGS = NODYNSORT };
3387  _thr_self { FLAGS = NODYNSORT };
3388  _thr_setspecific { FLAGS = NODYNSORT };
3389  _thr_sigsetmask { FLAGS = NODYNSORT };
3390  _thr_stksegment { FLAGS = NODYNSORT };
3391  _ungetc_unlocked { FLAGS = NODYNSORT };

3393  local:
3394  __imax_lldiv { FLAGS = NODYNSORT };
3395  __ti_thr_self { FLAGS = NODYNSORT };
3396  *;

3398 $if lf64
3399  __seekdir64 { FLAGS = NODYNSORT };
3400  __telldir64 { FLAGS = NODYNSORT };
3401 $endif

```

```
3403 $if _sparc
3404     __cerror                { FLAGS = NODYNSORT };
3405 $endif

3407 $if sparc32
3408     __cerror64              { FLAGS = NODYNSORT };
3409 $endif

3411 $if sparcv9
3412     __cleanup                { FLAGS = NODYNSORT };
3413 $endif

3415 $if i386
3416     __syscall6              { FLAGS = NODYNSORT };
3417     __systemcall6           { FLAGS = NODYNSORT };
3418 $endif

3420 $if amd64
3421     __tls_get_addr          { FLAGS = NODYNSORT };
3422 $endif
3423 };
```