```
**********************************************************
    9288 Wed Jan 29 21:01:24 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/Catalog/Catalog.pm
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 2002, 2008 Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Catalog.pm contains perl code for exacct catalog tag manipulation.
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;

  13 package Sun::Solaris::Exacct::Catalog;

  15 our $VERSION = '1.3';
  16 use Carp;
  17 use XSLoader;
  18 XSLoader::load(__PACKAGE__, $VERSION);

  20 # %_Constants and @_Constants are set up by the XSUB bootstrap() function.
  21 our (@EXPORT_OK, %EXPORT_TAGS, @_Constants, %_Constants);
  22 @EXPORT_OK = @_Constants;
  23 %EXPORT_TAGS = (CONSTANTS => \@_Constants, ALL => \@EXPORT_OK);

  25 use base qw(Exporter);

  27 #
  28 # Class interface.
  29 #

  31 #
  32 # Register a foreign catalog.  Arguments are as follows:
  33 #    <catalog prefix>   Used to uniquely identify the catalog being defined.
  34 #                       Must be composed only of uppercase characters.
  35 #    <catalog id>       Numeric identifier for the catalog.
  36 #                       Must be between 1 and 15.
  37 #    <export flag>      If true, the constants defined by the register sub will
  38 #                       be exported into the caller's namespace.
  39 #    <id list>          List of (name, value) pairs.  These are prefixed with
  40 #                       "<catalog_prefix>_" and are used for defining constants
  41 #                       that can be used as catalog id field values.
  42 # An example:
  43 #    Sun::Solaris::Exacct::Catalog->register("FROB", 0x01, 1,
  44 #        FLUB => 0x00000001, WURB => 0x00000010)
  45 # results in the definition of the following constants:
  46 #    EXC_FROB   0x01 << 24
  47 #    FROB_FLUB  0x00000001
  48 #    FROB_WURB  0x00000010
  49 #
  50 # Returns 'undef' on success, otherwise an error message.
  51 #
  52 sub register
  53 {
  54         my ($class, $cat_pfx, $cat_id, $export, %idlist) = @_;

  56         # Sanity checks.
  57         my $cat = 'EXC_'. $cat_pfx;
  58         return ("Invalid catalog prefix \"$cat_pfx\"")
  59             if ($cat_pfx !~ /^[A-Z][A-Z0-9]*$/ || $cat_pfx =~ /^EX[TCD]$/);
  60         return ("Duplicate catalog prefix")
```

```
  61             if (exists($_Constants{catlg}{name}{$cat}));
  62         my $id = $cat_id << 24;
  63         return ("Invalid catalog id \"$cat_id\"")
  64             if ($cat_id < 1 || $cat_id > 0xf);   # 4-bit field

  66         # Validate the (name, value) pairs.
  67         my %seen;
  68         while (my ($n, $v) = each(%idlist)) {
  69                 return ("Invalid id name \"$n\"")
  70                     if ($n !~ /^[A-Z][A-Z0-9_]*[A-Z0-9]$/);
  71                 return ("Invalid id value \"$v\"")
  72                     if ($v < 0 || $v > 0xffffff);   # 24-bit field
  73                 return ("Redefinition of id value \"$v\"")
  74                     if ($seen{$v}++);
  75         }
  76         undef(%seen);

  78         # Initialise new lookup data members
  79         $_Constants{catlg}{name}{$cat} = $id;
  80         $_Constants{catlg}{value}{$id} = $cat;
  81         my $id_by_name = $_Constants{id}{name}{$cat_pfx}{name}  = {};
  82         my $id_by_val  = $_Constants{id}{name}{$cat_pfx}{value} = {};
  83         $_Constants{id}{value}{$id} = $_Constants{id}{name}{$cat_pfx};

  85         # Put the passed (name, value) pairs into the appropriate hashes.
  86         my @export_ok = ($cat);
  87         while (my ($n, $v) = each(%idlist)) {
  88                 my $pn = "${cat_pfx}_${n}";
  89                 $id_by_name->{$pn} = $v;
  90                 $id_by_val->{$v}   = $pn;
  91                 push(@export_ok, $pn);
  92         }

  94         # Export the new symbols into the caller's namespace if required.
  95         if ($export) {
  96                 our (%EXPORT, @EXPORT_OK);
  97                 @EXPORT{@export_ok} = (1) x @export_ok;
  98                 push(@EXPORT_OK, @export_ok);
  99                 __PACKAGE__->export_to_level(1, undef, @export_ok);
 100         }
 101 }
_____unchanged_portion_omitted_
```

```
**********************************************************
    3496 Wed Jan 29 21:01:24 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/Catalog/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
    1 #
    2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
    3 #

    5 #
    6 # Makefile.PL for ::Exacct::Catalog
    7 #

    9 # See ../Makefile.PL for an explanation of the linker flag manipulations.

   11 require 5.0010;
   11 require 5.8.4;
   12 use strict;
   13 use warnings;
   14 use ExtUtils::MakeMaker;

   16 #
   17 # Some later versions of ExtUtils::MakeMaker are broken,
   18 # and complain about function redefinitions in the child Makefile.PLs.
   19 # Stop the warnings.
   20 #
   21 no warnings qw(redefine);

   23 our (@defines, @man3pods);

   25 #
   26 # MakeMaker overrides.
   27 #
   28 package MY;
   29 no warnings qw(once);

   31 #
   32 # Overrides that are common to both the ON and non-ON build environments.
   33 #

   35 #
   36 # Suppress the setting of LD_RUN_PATH, as it isn't necessary.
   37 #

   39 sub const_loadlibs
   40 {
   41         my $self = shift(@_);
   42         delete($self->{LD_RUN_PATH});
   43         return($self->SUPER::const_loadlibs(@_));
   44 }
_____unchanged_portion_omitted_
```

```
   1 #
   2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Exacct.pm contains wrappers for the exacct error functions and syscalls,
   7 # and some 'shorthand' convenience functions.
   8 #

  10 require 5.0010;
  10 require 5.8.4;
  11 use strict;
  12 use warnings;

  14 package Sun::Solaris::Exacct;

  16 our $VERSION = '1.5';
  17 use XSLoader;
  18 XSLoader::load(__PACKAGE__, $VERSION);

  20 # @_Constants is set up by the XSUB bootstrap() function.
  21 our (@EXPORT_OK, %EXPORT_TAGS, @_Constants);
  22 my @syscalls = qw(getacct putacct wracct);
  23 my @libcalls = qw(ea_error ea_error_str);
  24 my @shorthand = qw(ea_register_catalog ea_new_catalog ea_new_file ea_new_item
  25     ea_new_group ea_dump_object);
  26 @EXPORT_OK = (@_Constants, @syscalls, @libcalls, @shorthand);
  27 %EXPORT_TAGS = (CONSTANTS => \@_Constants, SYSCALLS => \@syscalls,
  28     LIBCALLS => \@libcalls, SHORTHAND => \@shorthand, ALL => \@EXPORT_OK);

  30 use base qw(Exporter);

  32 #
  33 # Extend the default Exporter::import to do optional inclusion of all the
  34 # lower-level Exacct modules.  Any export tag prefixed with 'EXACCT_' is
  35 # interpreted as a request to import that tag from all the Exacct modules.
  36 #
  37 sub import
  38 {
  39         my (@my_tags, %sub_tags);
  40         shift(@_);
  41         foreach my $tag (@_) {
  42                 # Note: Modifies @_
  43                 if ($tag =~ /^:EXACCT_(.*)$/) {
  44                         my $new_tag = ":$1";
  45                         push(@my_tags, $new_tag);
  46                         $sub_tags{$new_tag} = 1;
  47                 } else {
  48                         push(@my_tags, $tag);
  49                 }
  50         }

  52         # Export the taglist with all "EXACCT_" prefixes removed.
  53         __PACKAGE__->export_to_level(1, undef, @my_tags);

  55         # Do sub-module imports if required.
  56         if (@my_tags = grep(exists($sub_tags{$_}), qw(:ALL :CONSTANTS))) {

  58                 # ::Catalog
  59                 require Sun::Solaris::Exacct::Catalog;
  60                 Sun::Solaris::Exacct::Catalog->export_to_level(1, undef,
```

```
  61                         @my_tags);

  63                 # ::File and Fcntl
  64                 require Sun::Solaris::Exacct::File;
  65                 Sun::Solaris::Exacct::File->export_to_level(1, undef,
  66                         @my_tags);
  67                 require Fcntl;
  68                 Fcntl->export_to_level(1, undef, ':DEFAULT');

  70                 # ::Object
  71                 require Sun::Solaris::Exacct::Object;
  72                 Sun::Solaris::Exacct::Object->export_to_level(1, undef,
  73                         @my_tags);
  74         }
  75 }
_____unchanged_portion_omitted_
```

```
**********************************************************
     872 Wed Jan 29 21:01:25 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/File/File.pm
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # File.pm contains wrappers for the exacct file manipulation routines.
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;

  13 package Sun::Solaris::Exacct::File;

  15 our $VERSION = '1.3';
  16 use XSLoader;
  17 XSLoader::load(__PACKAGE__, $VERSION);

  19 # @_Constants is set up by the XSUB bootstrap() function.
  20 our (@EXPORT_OK, %EXPORT_TAGS, @_Constants);
  21 @EXPORT_OK = @_Constants;
  22 %EXPORT_TAGS = (CONSTANTS => \@_Constants, ALL => \@EXPORT_OK);

  24 use base qw(Exporter);

  26 #
  27 # Extend the default Exporter::import to do optional inclusion of the
  28 # Fcntl module.
  29 #
  30 sub import
  31 {
  32           # Do the normal export processing for this module.
  33           __PACKAGE__->export_to_level(1, @_);

  35           # Export from Fcntl if the tag is ':ALL'
  36           if (grep(/^:ALL$/, @_)) {
  37                   require Fcntl;
  38                   Fcntl->export_to_level(1, undef, ':DEFAULT');
  39           }
  40 }
_____unchanged_portion_omitted_
```

```
**********************************************************
    3401 Wed Jan 29 21:01:25 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/File/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
    1 #
    2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
    3 #

    5 #
    6 # Makefile.PL for ::Exacct::File
    7 #

    9 # See ../Makefile.PL for an explanation of the linker flag manipulations.

   11 require 5.0010;
   11 require 5.8.4;
   12 use strict;
   13 use warnings;
   14 use ExtUtils::MakeMaker;

   16 #
   17 # Some later versions of ExtUtils::MakeMaker are broken,
   18 # and complain about function redefinitions in the child Makefile.PLs.
   19 # Stop the warnings.
   20 #
   21 no warnings qw(redefine);

   23 our (@defines, @man3pods);

   25 #
   26 # MakeMaker overrides.
   27 #
   28 package MY;
   29 no warnings qw(once);

   31 #
   32 # Overrides that are common to both the ON and non-ON build environments.
   33 #

   35 #
   36 # Suppress the setting of LD_RUN_PATH, as it isn't necessary.
   37 #

   39 sub const_loadlibs
   40 {
   41         my $self = shift(@_);
   42         delete($self->{LD_RUN_PATH});
   43         return($self->SUPER::const_loadlibs(@_));
   44 }
_____unchanged_portion_omitted_
```

```
**********************************************************
    4859 Wed Jan 29 21:01:25 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Makefile.PL for ::Exacct
   7 #

   9 #
  10 # Linker flags note:
  11 # The various .so files that comprise the ::Exacct module need to be able to
  12 # cross-call each other, and therefore to prevent runtime linker errors it is
  13 # necessary to establish linker dependencies between the various .so files.
  14 #
  15 # This causes several problems.  The first of these is that perl .so files are
  16 # built in one directory (under ../blib in this case) and installed into
  17 # another, so it is necessary to record the dependency using a path relative to
  18 # the dependent. This can be done with the $ORIGIN linker mechanism.

  20 # The second problem is that it is necessary to specify the name of the
  21 # dependee at link edit time in a manner that doesn't result in the build-time
  22 # path of the dependee being hard coded in to the dependent, as this would
  23 # stop ld.so.1 performing its normal search process for the files.  This can't
  24 # be done with the normal '--L/my/lib/path -lmylib' mechanism, because the XSUB
  25 # .so files aren't prefixed with 'lib'.  To do this the -h linker flag is used
  26 # to explicitly set the SONAME in the dependee.  This is then used as the name
  27 # of the dependent in the dependee rather than the full path by which it was
  28 # found at link edit time.
  29 #
  30 # For more details, refer to the Linker and Libraries Guide.
  31 #

  33 require 5.0010;
  33 require 5.8.4;
  34 use strict;
  35 use warnings;
  36 use ExtUtils::MakeMaker;

  38 our (@defines, @man3pods);

  40 #
  41 # MakeMaker overrides.
  42 #
  43 package MY;
  44 no warnings qw(once);

  46 #
  47 # Overrides that are common to both the ON and non-ON build environments.
  48 #

  50 #
  51 # Force the parent directory to be built first, because the sub-modules all
  52 # have a linker dependency against Exacct.so.
  53 #
  54 sub top_targets
  55 {
  56         my $self = shift(@_);
  57         my $txt = $self->SUPER::top_targets(@_);
  58         $txt =~ s/pm_to_blib subdirs/pm_to_blib \$(LINKTYPE) .WAIT subdirs/;
  59         return($txt);
  60 }
_____unchanged_portion_omitted_
```

```
*********************************************************
    3578 Wed Jan 29 21:01:26 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/Object/Makefile.PL
3900 illumos will not build against gcc compiled perl
*********************************************************
    1 #
    2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
    3 #

    5 #
    6 # Makefile.PL for ::Exacct::Object
    7 #

    9 # See ../Makefile.PL for an explanation of the linker flag manipulations.

   11 require 5.0010;
   11 require 5.8.4;
   12 use strict;
   13 use warnings;
   14 use ExtUtils::MakeMaker;

   16 #
   17 # Some later versions of ExtUtils::MakeMaker are broken,
   18 # and complain about function redefinitions in the child Makefile.PLs.
   19 # Stop the warnings.
   20 #
   21 no warnings qw(redefine);

   23 our (@defines, @man3pods);

   25 #
   26 # MakeMaker overrides.
   27 #
   28 package MY;
   29 no warnings qw(once);

   31 #
   32 # Overrides that are common to both the ON and non-ON build environments.
   33 #

   35 #
   36 # Suppress the setting of LD_RUN_PATH, as it isn't necessary.
   37 #

   39 sub const_loadlibs
   40 {
   41         my $self = shift(@_);
   42         delete($self->{LD_RUN_PATH});
   43         return($self->SUPER::const_loadlibs(@_));
   44 }
_____unchanged_portion_omitted_
```

```
**********************************************************
    3279 Wed Jan 29 21:01:26 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Exacct/Object/Object.pm
3900 illumos will not build against gcc compiled perl
**********************************************************
    1 #
    2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
    3 #

    5 #
    6 # Object.pm contains perl code for exacct object manipulation.
    7 #

    9 require 5.0010;
    9 require 5.8.4;
   10 use strict;
   11 use warnings;

   13 package Sun::Solaris::Exacct::Object;

   15 our $VERSION = '1.3';
   16 use XSLoader;
   17 XSLoader::load(__PACKAGE__, $VERSION);

   19 our (@EXPORT_OK, %EXPORT_TAGS, @_Constants);
   20 @EXPORT_OK = @_Constants;
   21 %EXPORT_TAGS = (CONSTANTS => \@_Constants, ALL => \@EXPORT_OK);

   23 use base qw(Exporter);
   24 use Sun::Solaris::Exacct::Catalog qw(:CONSTANTS);

   26 #
   27 # Class methods
   28 #

   30 #
   31 # Dump an exacct object to the specified filehandle, or STDOUT by default.
   32 #
   33 sub dump
   34 {
   35         # Fettle parameters.
   36         my ($class, $obj, $fh, $indent) = @_;
   37         $fh ||= \*STDOUT;
   38         $indent ||= 0;
   39         my $istr = '  ' x $indent;

   41         # Check for undef values.
   42         if (! defined($obj)) {
   43                 print $fh ($istr, "UNDEFINED_VALUE\n");
   44                 return;
   45         }

   47         # Deal with items.
   48         my @cat = $obj->catalog()->value();
   49         if ($obj->type() == &EO_ITEM) {
   50                 printf $fh ("%sITEM\n%s  Catalog = %s|%s|%s\n",
   51                     $istr, $istr, @cat);
   52                 $indent++;
   53                 my $val = $obj->value();

   55                 # Recursively dump nested objects.
   56                 if (ref($val)) {
   57                         $class->dump($val, $fh, $indent);

   59                 # Just print out items.
   60                 } else {
```

```
   61                         $val = unpack('H*', $val) if ($cat[0] == &EXT_RAW);
   62                         printf $fh ("%s  Value = %s\n", $istr, $val);
   63                 }

   65         # Deal with groups.
   66         } else {
   67                 printf $fh ("%sGROUP\n%s  Catalog = %s|%s|%s\n",
   68                     $istr, $istr, @cat);
   69                 $indent++;
   70                 foreach my $val ($obj->value()) {
   71                         $class->dump($val, $fh, $indent);
   72                 }
   73                 printf $fh ("%sENDGROUP\n", $istr);
   74         }
   75 }
_____unchanged_portion_omitted_
```

```
*************************************************************
    1678 Wed Jan 29 21:01:26 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Intrs/Makefile.PL
3900 illumos will not build against gcc compiled perl
*************************************************************
   1 #
   2 # CDDL HEADER START
   3 #
   4 # The contents of this file are subject to the terms of the
   5 # Common Development and Distribution License (the "License").
   6 # You may not use this file except in compliance with the License.
   7 #
   8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
   9 # or http://www.opensolaris.org/os/licensing.
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  11 # and limitations under the License.
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  14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
  15 # If applicable, add the following below this CDDL HEADER, with the
  16 # fields enclosed by brackets "[]" replaced with your own identifying
  17 # information: Portions Copyright [yyyy] [name of copyright owner]
  18 #
  19 # CDDL HEADER END
  20 #

  22 #
  23 # Copyright (c) 2005, 2010, Oracle and/or its affiliates. All rights reserved.
  24 #

  26 require 5.0010;
  26 require 5.8.4;
  27 use strict;
  28 use warnings;
  29 use ExtUtils::MakeMaker;

  31 #
  32 # This module uses non-shipping headers - if we ever want to put it on CPAN
  33 # this Makefile will need to change first - see one of the other contrib
  34 # Makefile.PL files for a template.
  35 #

  37 WriteMakefile(
  38     NAME                => 'Sun::Solaris::Intrs',
  39     VERSION_FROM        => 'Intrs.pm',
  40     DEFINE              => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '',

  42     # ../../../../../../../uts/common can be removed when Perl leaves O/N

  44     # ../../../../../../../uts/common refers to 5.8.4 building in 5.8.4/contrib
  45     # whereas later versions build in $(VERSION)/

  47     # Must be a relative path to avoid being interpreted as a proto area path.
  48     INC                 => "-I../../../../../../../uts/common -I../../../../../.
  49     MAN3PODS            => {},
  50 );
```

```
   1 #
   2 # CDDL HEADER START
   3 #
   4 # The contents of this file are subject to the terms of the
   5 # Common Development and Distribution License (the "License").
   6 # You may not use this file except in compliance with the License.
   7 #
   8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
   9 # or http://www.opensolaris.org/os/licensing.
  10 # See the License for the specific language governing permissions
  11 # and limitations under the License.
  12 #
  13 # When distributing Covered Code, include this CDDL HEADER in each
  14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
  15 # If applicable, add the following below this CDDL HEADER, with the
  16 # fields enclosed by brackets "[]" replaced with your own identifying
  17 # information: Portions Copyright [yyyy] [name of copyright owner]
  18 #
  19 # CDDL HEADER END
  20 #

  22 #
  23 # Copyright 2008 Sun Microsystems, Inc.  All rights reserved.
  24 # Use is subject to license terms.
  25 #

  27 #
  28 # Lgrp.pm provides procedural and object-oriented interface to the Solaris
  29 # liblgrp(3LIB) library.
  30 #


  33 require 5.0010;
  33 require 5.8.4;
  34 use strict;
  35 use warnings;
  36 use Carp;

  38 package Sun::Solaris::Lgrp;

  40 our $VERSION = '1.1';
  41 use XSLoader;
  42 XSLoader::load(__PACKAGE__, $VERSION);

  44 require Exporter;

  46 our @ISA = qw(Exporter);

  48 our (@EXPORT_OK, %EXPORT_TAGS);

  50 # Things to export
  51 my @lgrp_constants = qw(LGRP_AFF_NONE LGRP_AFF_STRONG LGRP_AFF_WEAK
  52                         LGRP_CONTENT_DIRECT LGRP_CONTENT_HIERARCHY
  53                         LGRP_MEM_SZ_FREE LGRP_MEM_SZ_INSTALLED LGRP_VER_CURRENT
  54                         LGRP_VER_NONE LGRP_VIEW_CALLER
  55                         LGRP_VIEW_OS LGRP_NONE
  56                         LGRP_RSRC_CPU LGRP_RSRC_MEM
  57                         LGRP_CONTENT_ALL LGRP_LAT_CPU_TO_MEM
  58 );

  60 my @proc_constants = qw(P_PID P_LWPID P_MYID);
```

```
  62 my @constants = (@lgrp_constants, @proc_constants);

  64 my @functions = qw(lgrp_affinity_get lgrp_affinity_set
  65                    lgrp_children lgrp_cookie_stale lgrp_cpus lgrp_fini
  66                    lgrp_home lgrp_init lgrp_latency lgrp_latency_cookie
  67                    lgrp_mem_size lgrp_nlgrps lgrp_parents
  68                    lgrp_root lgrp_version lgrp_view lgrp_resources
  69                    lgrp_isleaf lgrp_lgrps lgrp_leaves);

  71 my @all = (@constants, @functions);

  73 # Define symbolic names for various subsets of export lists
  74 %EXPORT_TAGS = ('CONSTANTS' => \@constants,
  75                 'LGRP_CONSTANTS' => \@lgrp_constants,
  76                 'PROC_CONSTANTS' => \@proc_constants,
  77                 'FUNCTIONS' => \@functions,
  78                 'ALL' => \@all);

  80 # Define things that are ok ot export.
  81 @EXPORT_OK = ( @{ $EXPORT_TAGS{'ALL'} } );

  83 #
  84 # _usage(): print error message and terminate the program.
  85 #
  86 sub _usage
  87 {
  88         my $msg = shift;
  89         Carp::croak "Usage: Sun::Solaris::Lgrp::$msg";
  90 }
```
_____unchanged_portion_omitted_

```
**********************************************************
    2229 Wed Jan 29 21:01:27 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Lgrp/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # CDDL HEADER START
   3 #
   4 # The contents of this file are subject to the terms of the
   5 # Common Development and Distribution License (the "License").
   6 # You may not use this file except in compliance with the License.
   7 #
   8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
   9 # or http://www.opensolaris.org/os/licensing.
  10 # See the License for the specific language governing permissions
  11 # and limitations under the License.
  12 #
  13 # When distributing Covered Code, include this CDDL HEADER in each
  14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
  15 # If applicable, add the following below this CDDL HEADER, with the
  16 # fields enclosed by brackets "[]" replaced with your own identifying
  17 # information: Portions Copyright [yyyy] [name of copyright owner]
  18 #
  19 # CDDL HEADER END
  20 #

  22 #
  23 # Copyright 2008 Sun Microsystems, Inc.  All rights reserved.
  24 # Use is subject to license terms.
  25 #

  27 require 5.0010;
  27 require 5.8.4;
  28 use strict;
  29 use warnings;
  30 use ExtUtils::MakeMaker;

  32 # #defines.
  33 my @defines = ( DEFINE => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '' );

  35 # List of POD pages to install.
  36 my @man3pods = ( MAN3PODS => {} );


  39 #
  40 # If not building as part of ON.
  41 #
  42 if (! exists($ENV{CODEMGR_WS})) {

  44         #
  45         # Suppress the setting of LD_RUN_PATH.  The ON build environment
  46         # contains a modified MakeMaker that does this automatically, so we
  47         # only need to do this if we are building outside of ON.
  48         #
  49         package MY;
  50         no warnings qw(once);

  52         # Override const_loadlibs to remove LD_RUN_PATH cruft.
  53         *const_loadlibs = sub
  54         {
  55                 my $self = shift(@_);
  56                 delete($self->{LD_RUN_PATH});
  57                 return($self->SUPER::const_loadlibs(@_));
  58         };

  60         # Override dynamic_lib to get rid of LD_RUN_PATH cruft.
```

```
  61         *dynamic_lib = sub
  62         {
  63                 my $self = shift(@_);
  64                 my $txt = $self->SUPER::dynamic_lib(@_);
  65                 $txt =~ s/LD_RUN_PATH=\S*\s*//;
  66                 return($txt);
  67         };

  69         # Turn off debugging.
  70         @defines = ();

  72         #
  73         # Install the POD documentation for non-ON builds.
  74         #
  75         my $man3pfx = '$(INST_MAN3DIR)/Sun::Solaris::Lgrp';
  76         @man3pods = (
  77             MAN3PODS => { 'pod/Lgrp.pod' => $man3pfx . '.$(MAN3EXT)' }
  78         );
  79 }
_____unchanged_portion_omitted_
```

```
new/usr/src/cmd/perl/contrib/Sun/Solaris/PerlGcc/MANIFEST                    1

************************************************************
      56 Wed Jan 29 21:01:27 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/PerlGcc/MANIFEST
3900 illumos will not build against gcc compiled perl
************************************************************
    1 Changes
    2 Makefile.PL
    3 MANIFEST
    4 perlgcc.PL
    5 pod/perlgcc.pod
    6 config/5.8.4/5.11/sparc/Config.pm
    7 config/5.8.4/5.11/i386/Config.pm
```

```
*********************************************************
    4032 Wed Jan 29 21:01:28 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/PerlGcc/Makefile.PL
3900 illumos will not build against gcc compiled perl
*********************************************************
    1 #
    2 # CDDL HEADER START
    3 #
    4 # The contents of this file are subject to the terms of the
    5 # Common Development and Distribution License (the "License").
    6 # You may not use this file except in compliance with the License.
    7 #
    8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
    9 # or http://www.opensolaris.org/os/licensing.
   10 # See the License for the specific language governing permissions
   11 # and limitations under the License.
   12 #
   13 # When distributing Covered Code, include this CDDL HEADER in each
   14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
   15 # If applicable, add the following below this CDDL HEADER, with the
   16 # fields enclosed by brackets "[]" replaced with your own identifying
   17 # information: Portions Copyright [yyyy] [name of copyright owner]
   18 #
   19 # CDDL HEADER END
   20 #

   22 #
   23 # Copyright (c) 2004, 2010, Oracle and/or its affiliates. All rights reserved.
   24 # Copyright (c) 2013 Racktop Systems.
   25 #endif /* ! codereview */
   26 #

   28 require 5.0010;
   24 require 5.8.4;
   29 use strict;
   30 use warnings;
   31 use ExtUtils::MakeMaker;
   32 use Config;
   33 #endif /* ! codereview */

   35 #
   36 # Compare OS versions.
   37 #
   38 sub cmp_os_ver
   39 {
   40         our ($a, $b);
   41         my @v1 = split(/\./, $a);
   42         my @v2 = split(/\./, $b);
   43         my $diff = 0;
   44         while (@v1 || @v2) {
   45                 last if (($diff = shift(@v1) - shift(@v2)) != 0);
   46         }
   47         return ($diff);
   48 }

   50 # Check we are on a supported OS version.
   51 my $rel = qx{uname -r}; chomp($rel);
   52 my $arch = qx{uname -p}; chomp($arch);
   53 my $pver = sprintf('%vd', $^V);

   55 # Figure out the appropriate Config.pm.  Use an older version if necessary.
   56 my $configpm = $Config{'archlibexp'} . "/Config.pm";
   28 my $perlarch = ($arch eq "sparc") ? "sun4-solaris-64int":"i86pc-solaris-64int";

   30 my $configpm = "/usr/perl5/$pver/lib/$perlarch/Config.pm";
   57 if (! -f $configpm) {
```

```
   58         my $p = "config/$pver";
   59         my $dh;
   60         opendir($dh, $p) || die("Can't read directory $_: $!\n");
   61         my $old_rel = (sort(cmp_os_ver
   62                 grep(-d "$p/$_" && $_ =~ /^\d[\d.]+\d$/, readdir($dh))))[-1];
   63         closedir($dh);
   64         if (defined($old_rel)) {
   65                 print(STDERR "Warning: No config file for OS version $rel, " .
   66                         "using $old_rel file\n");
   67                 $rel = $old_rel;
   68                 $configpm = "config/$pver/$rel/$arch/Config.pm";
   69         } else {
   70                 die("Unsupported version of Perl/OS/Architecture " .
   71                         "$pver/$rel/$arch\n");
   72         }
   73 } else {
_____unchanged_portion_omitted_

   88 # Figure out the appropriate Config_heavy.pl.  Use an older version if necessary
   89 my $configpl = $Config{'archlibexp'} . "/Config_heavy.pl";
   90 if (! -f $configpl) {
   91         my $p = "config/$pver";
   92         my $dh;
   93         opendir($dh, $p) || die("Can't read directory $_: $!\n");
   94         my $old_rel = (sort(cmp_os_ver
   95                 grep(-d "$p/$_" && $_ =~ /^\d[\d.]+\d$/, readdir($dh))))[-1];
   96         closedir($dh);
   97         if (defined($old_rel)) {
   98                 print(STDERR "Warning: No config file for OS version $rel, " .
   99                         "using $old_rel file\n");
  100                 $rel = $old_rel;
  101                 $configpl = "config/$pver/$rel/$arch/Config_heavy.pl";
  102         } else {
  103                 die("Unsupported version of Perl/OS/Architecture " .
  104                         "$pver/$rel/$arch\n");
  105         }
  106 } else {
  107         open CONFIGPL, "<", $configpl or die $!;
  108         open CONFIGPL_OUT, ">", "Config_heavy.pl" or die $!;
  109         while(<CONFIGPL>) {
  110                 if (/^cccdlflags=/) {
  111                         print CONFIGPL_OUT "cccdlflags='-fPIC'\n";
  112                 } elsif (/^optimize=/) {
  113                         print CONFIGPL_OUT "optimize='-O2 -fno-strict-aliasing'\
  114                 } else {
  115                         print CONFIGPL_OUT $_;
  116                 }
  117         }
  118         close CONFIGPL;
  119         close CONFIGPL_OUT;
  120         $configpl = "Config_heavy.pl";
  121 }

  123 #endif /* ! codereview */
  124 our %man1pods;
  125 # Only install the pods for onn-ON builds.
  126 if (! exists($ENV{CODEMGR_WS}) && ! exists($ENV{ENVCPPFLAGS1})) {
  127         $man1pods{'pod/perlgcc.pod'} = '$(INST_MAN1DIR)/perlgcc.$(MAN1EXT)';
  128 }

  130 WriteMakefile(
  131     NAME         => 'Sun::Solaris::PerlGcc',
  132     VERSION_FROM => 'perlgcc.PL',
  133     PL_FILES     => { 'perlgcc.PL' => 'perlgcc' },
  134     EXE_FILES    => [ 'perlgcc' ],
  135     PM           => { $configpm => '$(INST_LIBDIR)/PerlGcc/Config.pm',
```

```
136                    $configpl => '$(INST_LIBDIR)/PerlGcc/Config_heavy.pl' },
 62     PM            => { $configpm => '$(INST_LIBDIR)/PerlGcc/Config.pm' },
137    MAN1PODS      => \%man1pods,
138    MAN3PODS      => { }, # Stop autopodification.
139    clean         => { FILES => 'perlgcc' },
140 );
```

****
*   1716 Wed Jan 29 21:01:28 2014*
new/usr/src/cmd/perl/contrib/Sun/Solaris/Pg/Makefile.PL
3900 illumos will not build against gcc compiled perl
****
```
    1 #
    2 # CDDL HEADER START
    3 #
    4 # The contents of this file are subject to the terms of the
    5 # Common Development and Distribution License (the "License").
    6 # You may not use this file except in compliance with the License.
    7 #
    8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
    9 # or http://www.opensolaris.org/os/licensing.
   10 # See the License for the specific language governing permissions
   11 # and limitations under the License.
   12 #
   13 # When distributing Covered Code, include this CDDL HEADER in each
   14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
   15 # If applicable, add the following below this CDDL HEADER, with the
   16 # fields enclosed by brackets "[]" replaced with your own identifying
   17 # information: Portions Copyright [yyyy] [name of copyright owner]
   18 #
   19 # CDDL HEADER END
   20 #

   22 #
   23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
   24 #

   26 require 5.0010;
   26 require 5.8.4;
   27 use strict;
   28 use warnings;
   29 use ExtUtils::MakeMaker;

   31 # #defines.
   32 my @defines = ( DEFINE => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '' );

   34 # List of POD pages to install.
   35 my @man3pods = ( MAN3PODS => {} );


   38 #
   39 # If not building as part of ON.
   40 #
   41 if (! exists($ENV{CODEMGR_WS})) {

   43         #
   44         # Suppress the setting of LD_RUN_PATH.  The ON build environment
   45         # contains a modified MakeMaker that does this automatically, so we
   46         # only need to do this if we are building outside of ON.
   47         #
   48         package MY;
   49         no warnings qw(once);

   51         #
   52         # Install the POD documentation for non-ON builds.
   53         #
   54         my $man3pfx = '$(INST_MAN3DIR)/Sun::Solaris::Pg';
   55         @man3pods = (
   56             MAN3PODS => { 'pod/Pg.pod' => $man3pfx . '.$(MAN3EXT)' }
   57         );
   58 }
```
_____*unchanged_portion_omitted_*

****
    1419 Wed Jan 29 21:01:29 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Privilege/Makefile.PL
3900 illumos will not build against gcc compiled perl
****
    1 #
    2 # Copyright (c) 2004, 2008, Oracle and/or its affiliates. All rights reserved.
    3 #

    5 #
    6 # Makefile.PL for ::Privilege
    7 #

    9 **require 5.0010;**
    9 *require 5.8.4;*
   10 use strict;
   11 use warnings;
   12 use ExtUtils::MakeMaker;

   14 # #defines.
   15 my @defines = (DEFINE => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '');

   17 # List of POD pages to install.
   18 my @man3pods = (MAN3PODS => {});

   20 #
   21 # If not building as part of ON.
   22 #
   23 if (! exists($ENV{ENVCPPFLAGS1})) {

   25   #
   26   # Suppress the setting of LD_RUN_PATH. The ON build environment
   27   # contains a modified MakeMaker that does this automatically, so we
   28   # only need to do this if we are building outside of ON.
   29   #
   30   package MY;
   31   no warnings qw(once);

   33   # Override const_loadlibs to remove LD_RUN_PATH cruft.
   34   *const_loadlibs = sub
   35   {
   36   my $self = shift(@_);
   37   delete($self->{LD_RUN_PATH});
   38   return($self->SUPER::const_loadlibs(@_));
   39   };

   41   # Override dynamic_lib to get rid of LD_RUN_PATH cruft.
   42   *dynamic_lib = sub
   43   {
   44   my $self = shift(@_);
   45   my $txt = $self->SUPER::dynamic_lib(@_);
   46                 $txt =~ s/LD_RUN_PATH=\S*\s*//;
   47   return($txt);
   48   };

   50   # Turn off debugging.
   51   @defines = ();

   53   #
   54   # Install the POD documentation for non-ON builds.
   55   #
   56   my $man3pfx = '$(INST_MAN3DIR)/Sun::Solaris::Privilege';
   57   @man3pods = (
   58   MAN3PODS => { 'pod/Privilege.pod' => $man3pfx . '.$(MAN3EXT)' }
   59   );
   60 }
_____unchanged_portion_omitted_

```
**********************************************************
    1459 Wed Jan 29 21:01:29 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Privilege/Privilege.pm
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 2004, 2010, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Privilege.pm provides the bootstrap for the Sun::Solaris::Privilege module.
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;

  13 package Sun::Solaris::Privilege;

  15 our $VERSION = '1.4';

  17 use XSLoader;
  18 XSLoader::load(__PACKAGE__, $VERSION);

  20 our (@EXPORT_OK, %EXPORT_TAGS);
  21 my @constants = qw(PRIV_STR_SHORT PRIV_STR_LIT PRIV_STR_PORT PRIV_ON PRIV_OFF
  22         PRIV_SET PRIV_AWARE PRIV_AWARE_RESET PRIV_DEBUG PRIV_PFEXEC
  23         PRIV_XPOLICY NET_MAC_AWARE NET_MAC_AWARE_INHERIT __PROC_PROTECT);
  24 my @syscalls = qw(setppriv getppriv setpflags getpflags);
  25 my @libcalls = qw(priv_addset priv_copyset priv_delset
  26     priv_emptyset priv_fillset priv_intersect priv_inverse priv_ineffect
  27     priv_isemptyset priv_isequalset priv_isfullset priv_ismember
  28     priv_issubset priv_union priv_set_to_str priv_str_to_set priv_gettext);
  29 my @variables = qw(%PRIVILEGES %PRIVSETS);

  31 my @private = qw(priv_getsetbynum priv_getbynum);

  33 use vars qw(%PRIVILEGES %PRIVSETS);

  35 #
  36 # Dynamically gather all the privilege and privilege set names; they are
  37 # generated in Privileges.xs::BOOT.
  38 #
  39 push @constants, keys %PRIVILEGES, keys %PRIVSETS;

  41 @EXPORT_OK = (@constants, @syscalls, @libcalls, @private, @variables);
  42 %EXPORT_TAGS = (CONSTANTS => \@constants, SYSCALLS => \@syscalls,
  43     LIBCALLS => \@libcalls, PRIVATE => \@private, VARIABLES => \@variables,
  44     ALL => \@EXPORT_OK);

  46 our @ISA = qw(Exporter);

  48 1;
  49 __END__
```

```
**********************************************************
    1446 Wed Jan 29 21:01:30 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Project/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 1999, 2008 Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Makefile.PL for ::Project
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;
  12 use ExtUtils::MakeMaker;

  14 # #defines.
  15 my @defines = ( DEFINE => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '' );

  17 # List of POD pages to install.
  18 my @man3pods = ( MAN3PODS => {} );

  20 #
  21 # If not building as part of ON.
  22 #
  23 if (! exists($ENV{CODEMGR_WS})) {

  25          #
  26          # Suppress the setting of LD_RUN_PATH.  The ON build environment
  27          # contains a modified MakeMaker that does this automatically, so we
  28          # only need to do this if we are building outside of ON.
  29          #
  30          package MY;
  31          no warnings qw(once);

  33          # Override const_loadlibs to remove LD_RUN_PATH cruft.
  34          *const_loadlibs = sub
  35          {
  36                  my $self = shift(@_);
  37                  delete($self->{LD_RUN_PATH});
  38                  return($self->SUPER::const_loadlibs(@_));
  39          };

  41          # Override dynamic_lib to get rid of LD_RUN_PATH cruft.
  42          *dynamic_lib = sub
  43          {
  44                  my $self = shift(@_);
  45                  my $txt = $self->SUPER::dynamic_lib(@_);
  46                  $txt =~ s/LD_RUN_PATH=\S*\s*//;
  47                  return($txt);
  48          };

  50          # Turn off debugging.
  51          @defines = ();

  53          #
  54          # Install the POD documentation for non-ON builds.
  55          #
  56          my $man3pfx = '$(INST_MAN3DIR)/Sun::Solaris::Project';
  57          @man3pods = (
  58              MAN3PODS => { 'pod/Project.pod' => $man3pfx . '.$(MAN3EXT)' }
  59          );
  60 }
_____unchanged_portion_omitted_
```

```
   1 #
   2 # Copyright (c) 1999, 2008, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Project.pm provides the bootstrap for the Sun::Solaris::Project module, and
   7 # also functions for reading, validating and writing out project(4) format
   8 # files.
   9 #
  10 ##############################################################################
  11 require 5.0010;
  11 require 5.8.4;

  13 use strict;
  14 use warnings;
  15 use locale;
  16 use Errno;
  17 use Fcntl;
  18 use File::Basename;
  19 use POSIX qw(locale_h limits_h);

  21 package Sun::Solaris::Project;

  23 our $VERSION = '1.9';

  25 use XSLoader;
  26 XSLoader::load(__PACKAGE__, $VERSION);

  28 our (@EXPORT_OK, %EXPORT_TAGS);
  29 my @constants = qw(MAXPROJID PROJNAME_MAX PROJF_PATH PROJECT_BUFSZ
  30     SETPROJ_ERR_TASK SETPROJ_ERR_POOL);
  31 my @syscalls = qw(getprojid);
  32 my @libcalls = qw(setproject activeprojects getprojent setprojent endprojent
  33     getprojbyname getprojbyid getdefaultproj fgetprojent inproj
  34     getprojidbyname);
  35 my @private = qw(projf_read projf_write projf_validate projent_parse
  36                  projent_parse_name projent_validate_unique_name
  37                  projent_parse_projid projent_validate_unique_id
  38                  projent_parse_comment
  39                  projent_parse_users
  40                  projent_parse_groups
  41                  projent_parse_attributes
  42                  projent_validate projent_validate_projid
  43                  projent_values_equal projent_values2string);

  45 @EXPORT_OK = (@constants, @syscalls, @libcalls, @private);
  46 %EXPORT_TAGS = (CONSTANTS => \@constants, SYSCALLS => \@syscalls,
  47     LIBCALLS => \@libcalls, PRIVATE => \@private, ALL => \@EXPORT_OK);

  49 use base qw(Exporter);
  50 use Sun::Solaris::Utils qw(gettext);

  52 #
  53 # Set up default rules for validating rctls.
  54 # These rules are not global-flag specific, but instead
  55 # are the total set of allowable values on all rctls.
  56 #
  57 use Config;
  58 our $MaxNum = &RCTL_MAX_VALUE;
  59 our %RctlRules;
```

```
  61 my %rules;
  62 our %SigNo;
  63 my $j;
  64 my $name;
  65 foreach $name (split(' ', $Config{sig_name})) {
  66         $SigNo{$name} = $j;
  67         $j++;
  68 }
_____unchanged_portion_omitted_
```

```
**********************************************************
    1385 Wed Jan 29 21:01:30 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Task/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Makefile.PL for ::Task
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;
  12 use ExtUtils::MakeMaker;

  14 # #defines.
  15 my @defines = ( DEFINE => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '' );

  17 # List of POD pages to install.
  18 my @man3pods = ( MAN3PODS => {} );

  20 #
  21 # If not building as part of ON.
  22 #
  23 if (! exists($ENV{CODEMGR_WS})) {

  25          #
  26          # Suppress the setting of LD_RUN_PATH.  The ON build environment
  27          # contains a modified MakeMaker that does this automatically, so we
  28          # only need to do this if we are building outside of ON.
  29          #
  30          package MY;
  31          no warnings qw(once);

  33          # Override const_loadlibs to remove LD_RUN_PATH cruft.
  34          *const_loadlibs = sub
  35          {
  36                  my $self = shift(@_);
  37                  delete($self->{LD_RUN_PATH});
  38                  return($self->SUPER::const_loadlibs(@_));
  39          };

  41          # Override dynamic_lib to get rid of LD_RUN_PATH cruft.
  42          *dynamic_lib = sub
  43          {
  44                  my $self = shift(@_);
  45                  my $txt = $self->SUPER::dynamic_lib(@_);
  46                  $txt =~ s/LD_RUN_PATH=\S*\s*//;
  47                  return($txt);
  48          };

  50          # Turn off debugging.
  51          @defines = ();

  53          #
  54          # Install the POD documentation for non-ON builds.
  55          #
  56          my $man3pfx = '$(INST_MAN3DIR)/Sun::Solaris::Task';
  57          @man3pods = (
  58              MAN3PODS => { 'pod/Task.pod' => $man3pfx . '.$(MAN3EXT)' }
  59          );
  60 }
_____unchanged_portion_omitted_
```

```
*********************************************************
     594 Wed Jan 29 21:01:31 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Task/Task.pm
3900 illumos will not build against gcc compiled perl
*********************************************************
   1 #
   2 # Copyright (c) 2002, 2008, Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Task.pm provides the bootstrap for the Sun::Solaris::Task module.
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;

  13 package Sun::Solaris::Task;

  15 our $VERSION = '1.4';
  16 use XSLoader;
  17 XSLoader::load(__PACKAGE__, $VERSION);

  19 our (@EXPORT_OK, %EXPORT_TAGS);
  20 my @constants = qw(TASK_NORMAL TASK_FINAL TASK_PROJ_PURGE);
  21 my @syscalls = qw(settaskid gettaskid);
  22 @EXPORT_OK = (@constants, @syscalls);
  23 %EXPORT_TAGS = (CONSTANTS => \@constants, SYSCALLS => \@syscalls,
  24     ALL => \@EXPORT_OK);

  26 use base qw(Exporter);

  28 1;
```

```
**********************************************************
    1460 Wed Jan 29 21:01:31 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Ucred/Makefile.PL
3900 illumos will not build against gcc compiled perl
**********************************************************
   1 #
   2 # Copyright (c) 2004, 2008 Oracle and/or its affiliates. All rights reserved.
   3 #

   5 #
   6 # Makefile.PL for ::Ucred
   7 #

   9 require 5.0010;
   9 require 5.8.4;
  10 use strict;
  11 use warnings;
  12 use ExtUtils::MakeMaker;

  14 # #defines.
  15 my @defines = ( DEFINE => exists($ENV{RELEASE_BUILD}) ? '-DNDEBUG' : '' );

  17 # List of POD pages to install.
  18 my @man3pods = ( MAN3PODS => {} );

  20 #
  21 # If not building as part of ON.
  22 #
  23 if (! exists($ENV{ENVCPPFLAGS1})) {

  25         #
  26         # Suppress the setting of LD_RUN_PATH.  The ON build environment
  27         # contains a modified MakeMaker that does this automatically, so we
  28         # only need to do this if we are building outside of ON.
  29         #
  30         package MY;
  31         no warnings qw(once);

  33         # Override const_loadlibs to remove LD_RUN_PATH cruft.
  34         *const_loadlibs = sub
  35         {
  36                 my $self = shift(@_);
  37                 delete($self->{LD_RUN_PATH});
  38                 return($self->SUPER::const_loadlibs(@_));
  39         };

  41         # Override dynamic_lib to get rid of LD_RUN_PATH cruft.
  42         *dynamic_lib = sub
  43         {
  44                 my $self = shift(@_);
  45                 my $txt = $self->SUPER::dynamic_lib(@_);
  46                 $txt =~ s/LD_RUN_PATH=\S*\s*//;
  47                 return($txt);
  48         };

  50         # Turn off debugging.
  51         @defines = ();

  53         #
  54         # Install the POD documentation for non-ON builds.
  55         #
  56         my $man3pfx = '$(INST_MAN3DIR)/Sun::Solaris::Ucred';
  57         @man3pods = (
  58             MAN3PODS => { 'pod/Ucred.pod' => $man3pfx . '.$(MAN3EXT)' }
  59         );
  60 }
_____unchanged_portion_omitted_
```

****
     825 Wed Jan 29 21:01:31 2014
new/usr/src/cmd/perl/contrib/Sun/Solaris/Ucred/Ucred.pm
3900 illumos will not build against gcc compiled perl
****
    1 #
    2 # Copyright (c) 2004, 2008, Oracle and/or its affiliates. All rights reserved.
    3 #

    5 #
    6 # Ucred.pm provides the bootstrap for the Sun::Solaris::Ucred module.
    7 #

    9 **require 5.0010;**
    9 *require 5.8.4;*
   10 use strict;
   11 use warnings;

   13 package Sun::Solaris::Ucred;

   15 our $VERSION = '1.3';
   16 use XSLoader;
   17 XSLoader::load(__PACKAGE__, $VERSION);

   19 our (@EXPORT_OK, %EXPORT_TAGS);
   20 my @syscalls = qw(getpeerucred ucred_get);
   21 my @libcalls = qw(ucred_geteuid ucred_getruid ucred_getsuid ucred_getegid
   22   ucred_getrgid ucred_getsgid ucred_getgroups ucred_getprivset
   23   ucred_getpflags ucred_getpid ucred_getzoneid ucred_getprojid);

   25 @EXPORT_OK = (@syscalls, @libcalls);
   26 %EXPORT_TAGS = (SYSCALLS => \@syscalls, LIBCALLS => \@libcalls,
   27   ALL => \@EXPORT_OK);

   29 require Exporter;

   31 use base qw(Exporter Sun::Solaris::Privilege);

   33 use Sun::Solaris::Utils qw(gettext);

   35 1;
   36 __END__

```
**********************************************************
    3892 Wed Jan 29 21:01:32 2014
new/usr/src/cmd/perl/skel/Makefile
3900 illumos will not build against gcc compiled perl
**********************************************************
    1 #
    2 # CDDL HEADER START
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   16 # fields enclosed by brackets "[]" replaced with your own identifying
   17 # information: Portions Copyright [yyyy] [name of copyright owner]
   18 #
   19 # CDDL HEADER END
   20 #
   21 #
   22 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
   23 # Copyright (c) 2013 Racktop Systems.
   24 #endif /* ! codereview */
   25 #

   27 include ../../Makefile.cmd

   29 # To turn KEEP_STATE off the following two environment variables must be unset.
   30 KEEP_STATE_OFF = unset KEEP_STATE SUNPRO_DEPENDENCIES

   32 # Perl installs files we don't want to ship, so we install to a
   33 # staging area to postprocess and install the result to $(ROOT)
   34 STAGE = $(SRC)/cmd/perl/$(PERL_VERSION)/staging

   36 PERL=/usr/perl5/$(PERL_VERSION)/bin/perl

   38 PERL_MM_ARGS = CC='$(CC)' LD='$(CC)'
   23 PERL_MM_ARGS = INSTALLDIRS=perl CC='$(CC)' LD='$(CC)'

   40 # Prefix for Solaris-specific extensions that are maintained by
   41 # Sun/Oracle.
   42 SUN_SOLARIS = Sun/Solaris

   44 # When building with gcc we don't bother with cw.  Intead we use PerlGcc to
   45 # make sure the Makefile contains options that the compiler will understand.
   46 # The version on the host could be incomplete so use the one we're building.
   47 PERL5LIB =
   48 $(__GNUC)PERL5LIB= \
   49     $(SRC)/cmd/perl/$(PERL_VERSION)/$(SUN_SOLARIS)/PerlGcc

   51 $(__GNUC)PERL_MM_ARGS = \
   52     CC='$(GCC_ROOT)/bin/gcc' \
   53     LD='$(GCC_ROOT)/bin/gcc'

   55 PERL_MM_ARGS += INSTALLDIRS=perl

   57 #endif /* ! codereview */
   58 # Add any XS extensions here.
   59 PERL_DYNAMIC_EXT = \
   60     $(SUN_SOLARIS)/Utils \
```

```
   61     $(SUN_SOLARIS)/Kstat \
   62     $(SUN_SOLARIS)/Intrs \
   63     $(SUN_SOLARIS)/Project \
   64     $(SUN_SOLARIS)/Task \
   65     $(SUN_SOLARIS)/Exacct \
   66     $(SUN_SOLARIS)/Privilege \
   67     $(SUN_SOLARIS)/Lgrp \
   68     $(SUN_SOLARIS)/Ucred

   70 # Add any pure-perl extensions here.
   71 PERL_NONXS_EXT = \
   72     $(SUN_SOLARIS)/BSM \
   73     $(SUN_SOLARIS)/PerlGcc \
   74     $(SUN_SOLARIS)/Pg

   76 PERL_EXT = $(PERL_DYNAMIC_EXT) $(PERL_NONXS_EXT)
   77 PERL_EXT_MAKEFILES = $(PERL_EXT:%=%/Makefile)

   79 # When doing a gcc build we need to build PerGcc before the dynamic extenions.
   80 $(__GNUC)$(PERL_DYNAMIC_EXT:%=%/Makefile): $(SUN_SOLARIS)/PerlGcc/Makefile

   82 #endif /* ! codereview */
   83 all: copy_contrib $(PERL_EXT_MAKEFILES) $(PERL_EXT)

   85 .PARALLEL: $(PERL_EXT_MAKEFILES) $(PERL_EXT)

   87 install: all
   88         for ext in $(PERL_EXT); do \
   89                 if [ -d $$ext ]; then \
   90                         ( \
   91                         cd $$ext; pwd; \
   92                         $(KEEP_STATE_OFF); $(MAKE) $(PERL_MM_ARGS) \
   93                                 DESTDIR=$(STAGE) install; \
   94                         cd $(STAGE); \
   95                         find . \( -name ".packlist" -o -name "perllocal.pod" \)
   96                                 -exec $(RM) {} \; ; \
   97                         /usr/bin/pax -rw -pe ./*  ${ROOT} ; \
   98                         ) \
   99                 else \
  100                         /bin/false; \
  101                 fi \
  102         done

  104 #
  105 # copy_contrib copies the clearfiles from ../contrib to here.
  106 #
  107 copy_contrib:
  108         @ $(KSH93) ../contrib/copy_contrib.sh ../contrib . $(PERL_EXT)

  110 clean:
  111         for ext in $(PERL_EXT); do \
  112                 if [ -d $$ext ]; then \
  113                         ( \
  114                         cd $$ext; pwd; \
  115                         $(KEEP_STATE_OFF); $(MAKE) clean; \
  116                         ) \
  117                 fi \
  118         done

  120 # Remove Sun/Solaris
  121 clobber:
  122         @ $(RM) -r Sun

  124 test: all
  125         for ext in $(PERL_EXT); do \
  126                 ( \
```

```
127                     cd $$ext; pwd; \
128                     $(KEEP_STATE_OFF); $(MAKE) test; \
129                     ) \
130             done

132 #
133 # Ensure that the extension's makefile is built before
134 # trying to build the extension
135 #
136 %/Makefile: %/Makefile.PL $(PERL_CONFIGDEP)
137         @ cd $(@D); pwd; PERL5LIB=$(PERL5LIB) \
138                 $(PERL) $(<F) $(PERL_MM_ARGS) 2>&1 /dev/null
 29         @ cd $(@D); pwd; $(PERL) $(<F) $(PERL_MM_ARGS) 2>&1 /dev/null

140 # Pattern-matching rule for extensions.
141 $(SUN_SOLARIS)/%: $(SUN_SOLARIS)/%/Makefile FRC
142         @ cd $@; pwd; $(KEEP_STATE_OFF) ; \
143                 $(PERL_MM_ARGS) $(MAKE) DESTDIR=$(STAGE) all

145 FRC:
```

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    18 #
    19 # CDDL HEADER END
    20 #

    22 #
    23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
    24 #

    26 $(i386_ONLY)<transform file dir path=.*PLAT.* -> edit path PLAT i86pc>
    27 $(sparc_ONLY)<transform file dir path=.*PLAT.* -> edit path PLAT sun4>

    29 <transform file path=.*\.(pm|bs) -> default mode 0444>
    30 <transform file path=.*\.so -> default mode 0555>
    31 set name=pkg.fmri \
    32   value=pkg:/runtime/perl-510/module/sun-solaris@0.5.11,$(PKGVERS_BUILTON)-$(P
    33 set name=pkg.summary value="Perl 5.10.0 Sun::Solaris Modules"
    34 set name=info.classification \
    35   value=org.opensolaris.category.2008:Development/Perl
    36 set name=variant.arch value=$(ARCH)
    37 dir path=usr group=sys
    38 dir path=usr/bin
    39 dir path=usr/perl5
    40 dir path=usr/perl5/5.10.0
    41 dir path=usr/perl5/5.10.0/bin
    42 dir path=usr/perl5/5.10.0/lib
    43 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int
    44 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun
    45 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris
    46 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Exacct
    47 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto
    48 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun
    49 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris
    50 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/BSM
    51 dir \
    52   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/BSM/_BSMparse
    53 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct
    54 dir \
    55   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Catalog
    56 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/File
    57 dir \
    58   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Object
    59 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Intrs
    60 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Kstat
    61 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Lgrp

    62 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/PerlGcc
    63 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Pg
    64 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Privilege
    65 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Project
    66 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Task
    67 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Ucred
    68 dir path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Utils
    69 dir path=usr/perl5/5.10.0/lib/Sun
    70 dir path=usr/perl5/5.10.0/lib/Sun/Solaris
    71 dir path=usr/perl5/5.10.0/lib/Sun/Solaris/BSM
    72 dir path=usr/perl5/5.10.0/lib/Sun/Solaris/PerlGcc
    73 dir path=usr/share/man
    74 dir path=usr/share/man/man3perl
    75 file path=usr/perl5/5.10.0/bin/perlgcc mode=0555
    76 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Exacct.pm
    77 file \
    78   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Exacct/Catalog.pm
    79 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Exacct/File.pm
    80 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Exacct/Object.pm
    81 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Intrs.pm
    82 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Kstat.pm
    83 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Lgrp.pm
    84 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Privilege.pm
    85 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Project.pm
    86 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Task.pm
    87 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Ucred.pm
    88 file path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/Sun/Solaris/Utils.pm
    89 file \
    90   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Catalog
    91 file \
    92   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Catalog
    93 file \
    94   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Exacct.
    95 file \
    96   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Exacct.
    97 file \
    98   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/File/Fi
    99 file \
   100   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/File/Fi
   101 file \
   102   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Object/
   103 file \
   104   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Exacct/Object/
   105 file \
   106   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Intrs/Intrs.bs
   107 file \
   108   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Intrs/Intrs.so
   109 file \
   110   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Kstat/Kstat.bs
   111 file \
   112   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Kstat/Kstat.so
   113 file \
   114   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Lgrp/Lgrp.bs
   115 file \
   116   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Lgrp/Lgrp.so
   117 file \
   118   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Privilege/Priv
   119 file \
   120   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Privilege/Priv
   121 file \
   122   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Project/Projec
   123 file \
   124   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Project/Projec
   125 file \
   126   path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Task/Task.bs
   127 file \

```
128      path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Task/Task.so
129 file \
130      path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Ucred/Ucred.bs
131 file \
132      path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Ucred/Ucred.so
133 file \
134      path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Utils/Utils.bs
135 file \
136      path=usr/perl5/5.10.0/lib/PLAT-solaris-64int/auto/Sun/Solaris/Utils/Utils.so
137 file path=usr/perl5/5.10.0/lib/Sun/Solaris/BSM/_BSMparse.pm
138 file path=usr/perl5/5.10.0/lib/Sun/Solaris/PerlGcc/Config.pm
139 file path=usr/perl5/5.10.0/lib/Sun/Solaris/PerlGcc/Config_heavy.pl
140 #endif /* ! codereview */
141 file path=usr/perl5/5.10.0/lib/Sun/Solaris/Pg.pm
142 file path=usr/share/man/man3perl/Exacct.3perl
143 file path=usr/share/man/man3perl/Exacct::Catalog.3perl
144 file path=usr/share/man/man3perl/Exacct::File.3perl
145 file path=usr/share/man/man3perl/Exacct::Object.3perl
146 file path=usr/share/man/man3perl/Exacct::Object::Group.3perl
147 file path=usr/share/man/man3perl/Exacct::Object::Item.3perl
148 file path=usr/share/man/man3perl/Kstat.3perl
149 file path=usr/share/man/man3perl/Lgrp.3perl
150 file path=usr/share/man/man3perl/Privilege.3perl
151 file path=usr/share/man/man3perl/Project.3perl
152 file path=usr/share/man/man3perl/Task.3perl
153 file path=usr/share/man/man3perl/Ucred.3perl
154 license cr_Sun license=cr_Sun
155 license usr/src/cmd/perl/THIRDPARTYLICENSE \
156      license=usr/src/cmd/perl/THIRDPARTYLICENSE
157 depend fmri=runtime/perl-510/extra type=require
```