
11700 Sat Dec 14 21:34:58 2013

new/usr/src/uts/README

4266 remove Makefile*.shared nonsense in uts

```

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25 #
26 # ident "%Z%M% %I% %E% SMI"

28 KERNEL MAKEFILE STRUCTURE
29 -----

31 The advent of dynamic loading of kernel modules has obsoleted the
32 4.x kernel configuration scheme which was centered around a derived
33 Makefile and a collection of derived header files generated by the
34 config(8) program. This file describes the structure of the replacement
35 "static" set of Makefiles.

37 Some additional secondary goals were associated with the generation
38 of these Makefiles. It should be noted that the ability to properly
39 deal with derived Makefiles is an explicit non-goal of the ongoing
40 NSE enhancements, so this project is a necessary consequence of that
41 decision.

43 All project goals are enumerated below:

45 1] To provide a set of static Makefiles to support kernel build
46 and installation.

48 2] To provide a set of static Makefiles which conform to the
49 "Makefiles Guidelines". (This document is currently available
50 on-line as "terminator:/usr/integration/doc/make.std")

52 3] To completely eliminate the config(8) program.

54 4] To provide a framework for linting the kernel (so that "lint free"
55 can be made an integration criterion, in addition to being general
56 good hygiene).

58 5] To eliminate the need for the small headers generated by config(8).
59 In the ddi/dki world this need is completely eliminated as drivers
60 will be expected to dynamically configure themselves. Interim support
61 for existing drivers will be provided.

```

```

63 6] To be able to "acquire" only the files needed to build a specific
64 module, if that is all that is needed.

66 7] To provide a framework suitable for the production of "implementation
67 architecture" independent modules.

69 8] To restructure the assembly language files to support the generation
70 of "lint-libraries" from them.

72 9] To provide support for the incidental Makefile targets many developers
73 are accustomed to (such as cscope and tags). These can be added to the
74 Makefiles asd required. (cscope is currently supported.)

77 GENERAL STRUCTURE
78 -----

80 The source code layout is not generally effected by the Makefiles. However,
81 the location of the generated files has changed dramatically.

83 "Implementation architecture" independent modules are produced in
84 individual directories (one per module) under the "instruction-set
85 architecture" directory (i.e.: sparc). Similarly, "implementation
86 architecture" dependent modules are produced in individual directories
87 under the "implementation architecture" directory (i.e.: sun4, sun4c).
88 It should be noted that currently (4/14/91) no implementation architecture
89 modules exist. This situation is expected to change shortly.

91 The driving Makefile for any module is located in the leaf directory
92 where the module (and associated objects) are built. After a 'make
93 clobber' operation, the Makefile is the only file remaining in that
94 directory. Common definitions and rules are contained in suffixed
95 Makefiles in non-leaf directories which are included in the leaf
96 Makefiles. Non-suffixed Makefiles in non-leaf directories generally
97 invoke lower level Makefiles to perform the actual tasks.

99 uts/Makefile
100 uts/sparc/Makefile
101 uts/sun4c/Makefile
102 uts/sun4c/svvs/Makefile
103 These Makefiles generally are cognizant of the components
104 made in subdirectories and invoke Makefiles in those sub-
105 directories to perform the actual build. Some targets (or
106 pseudo-targets) may be directly built at this level (such
107 as the cscope databases).

109 uts/Makefile.uts
110 Contains common definitions for all possible architectures.

112 uts/Makefile.targ
113 Contains common targets for all possible architectures.

115 uts/common/Makefile.files
116 uts/sun/Makefile.files
117 uts/sparc/Makefile.files
118 uts/sun4c/Makefile.files
119 uts/sun4/Makefile.files
120 These Makefiles are divided into two sections. The first
121 section can be viewed as the equivalent of the "files" (sparc
122 and sun4c) and "files.cmn" (common and sun) files. These
123 define the object lists which define each module. The second
124 section defines the appropriate header search paths and other
125 machine specific global build parameters.

127 uts/common/Makefile.rules

```

```

128 uts/sun/Makefile.rules
129 uts/sparc/Makefile.rules
130 uts/sun4c/Makefile.rules
131 uts/sun4/Makefile.rules
132     The files provide build rules (targets) which allow make to function
133     in a multiple directory environment. Each source tree below the
134     directory containing the Makefile has a build rule in the file.

136 uts/sun4c/Makefile.sun4c
137 uts/sun4/Makefile.sun4
138     These Makefile contains the definitions specific (defaults) to
139     the obvious "implementation architecture". These rules can be
140     overridden in specific leaf node Makefiles if necessary.

142 uts/sun4c/unix/Makefile
143     Main driving Makefile for building /unix.

145 uts/sun4c/MODULE/Makefile (for MODULE in arp, aoutexec, ...)
146     Main driving Makefile for building MODULE.kmod.

148 uts/sun4c/unix.static/Makefile
149     Main driving Makefile for building a static unix (for development
150     work only). This Makefile is known to NSE, but its targets are
151     not. This makefile may be copied to additional parallel directories
152     to build multiple configurations. This configuration is roughly
153     equivalent to the GENERIC kernel of SunOS 4.x.

155 uts/*/Makefile.?.shared
156     These denote Makefile contents which are shared between open and
157     closed builds.

155 The Makefiles are verbosely commented. It is desired that they should
156 stay this way.

159 USE
160 ---

162 Issuing the command 'make' in the uts directory will cause all supported,
163 modularized kernels and modules to be built.

165 Issuing the command 'make' in a uts/ARCHITECTURE directory (i.e.: uts/sparc)
166 will cause all supported, "implementation architecture" independent modules
167 for ARCHITECTURE to be built.

169 Issuing the command 'make' in a uts/MACHINE directory (i.e.: uts/sun4c)
170 will cause that kernel and all supported, "implementation architecture"
171 dependent modules for MACHINE to be built.

173 Issuing the command 'make' in the uts/MACHINE/unix directory will cause the
174 kernel for MACHINE to be built (and unix.o).

176 Issuing the command 'make' in a uts/MACHINE/MODULE or a uts/ARCHITECTURE/MODULE
177 directory will cause MODULE.kmod to be built.

180 LINT
181 ----

183 Linting is fairly similar to the builds, but it has an additional complication.
184 In order to get meaningful output from lint pass2, all the modules must be
185 linted together. This is accomplished by each module being responsible to
186 produce its own pass1 output (file.ln, one per .c/.s file). It is also
187 responsible for placing the a lint-library (llib-LMODULE) in the
188 uts/MACHINE/lint-libs directory. The final full lint is accomplished by the
189 Makefile in the uts/MACHINE directory by linting all the lint-libraries

```

```

190 against each other.

192 Note that there is no equivalent to Locore.c in the current source base.
193 The C prototypes are in the .s files. As example:

195     #if defined(lint)
196     int
197     blort(int, int)
198     { return 0 }
199     #else /* lint */

201     ENTRY(blort)
202     ld      [%i0],....
203     ....
204     SET_SIZE(blort)
_____ unchanged_portion_omitted

```

new/usr/src/uts/common/io/1394/inc.flg

1

2272 Sat Dec 14 21:34:58 2013

new/usr/src/uts/common/io/1394/inc.flg

4266 remove Makefile*.shared nonsense in uts

```
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22 #
23 #
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26 #

28 #ident "%Z%M% %I% %E% SMI"

30 # This file brings down all that is needed to build just
31 # 1394 drivers.
32 #

34 find_files "s.*h" \
35     usr/src/uts/common/sys/1394

37 find_files "s.*h" \
38     usr/src/uts/common/sys

40 find_files "s.*h" \
41     usr/src/uts/sparc/sys

43 find_files "s.*h" \
44     usr/src/uts/sparc/v7/sys

46 find_files "s.*h" \
47     usr/src/uts/sparc/v9/sys

49 find_files "s.*h" \
50     usr/src/uts/sun/sys

52 find_files "s.*h" \
53     usr/src/uts/sun4u/sys

55 find_files "s.*h" \
56     usr/src/uts/common/vm

58 find_files "s.*" \
59     usr/src/uts/sparc/hcil394 \
60     usr/src/uts/sparc/sl394
```

new/usr/src/uts/common/io/1394/inc.flg

2

```
62 echo_file usr/src/Makefile.master
63 echo_file usr/src/Makefile.master.64
64 echo_file usr/src/req.flg
65 echo_file usr/src/Makefile.psm
66 echo_file usr/src/Makefile.psm.targ
67 echo_file usr/src/uts/Makefile
68 echo_file usr/src/uts/Makefile.targ
69 echo_file usr/src/uts/Makefile.uts
70 echo_file usr/src/uts/sun/Makefile.files
71 echo_file usr/src/uts/sun/Makefile.rules
72 echo_file usr/src/uts/common/Makefile.files
73 echo_file usr/src/uts/common/Makefile.rules
74 echo_file usr/src/uts/common/sys/Makefile
75 echo_file usr/src/uts/sparc/Makefile
76 echo_file usr/src/uts/sparc/Makefile.files
77 echo_file usr/src/uts/sparc/Makefile.rules
78 echo_file usr/src/uts/sparc/Makefile.sparc
79 echo_file usr/src/uts/sparc/Makefile.sparc.shared
79 echo_file usr/src/uts/sparc/Makefile.targ
81 echo_file usr/src/uts/sparc/Makefile.targ.shared
80 echo_file usr/src/uts/sparc/ml/sparc.il
81 echo_file usr/src/uts/sparc/req.flg
```

new/usr/src/uts/common/io/ib/inc.flg

1

```
*****
4158 Sat Dec 14 21:34:58 2013
new/usr/src/uts/common/io/ib/inc.flg
4266 remove Makefile*.shared nonsense in uts
*****
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17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 #
24 # Copyright (c) 2003, 2010, Oracle and/or its affiliates. All rights reserved.
25 #
26 #
27 #
28 # This file brings down all that is needed to build the
29 # core Infiniband code.
30 #
31 #
32 # header files
33 find_files "s*.h" \
34     usr/src/uts/common/sys/ib \
35     usr/src/uts/common/sys \
36     usr/src/uts/sparc/sys \
37     usr/src/uts/sparc/v7/sys \
38     usr/src/uts/sparc/v9/sys \
39     usr/src/uts/sun/sys \
40     usr/src/uts/intel/sys \
41     usr/src/uts/intel/ia32/sys \
42     usr/src/uts/common/rpc \
43     usr/src/uts/common/netinet \
44     usr/src/uts/common/inet \
45     usr/src/uts/common/net \
46     usr/src/uts/common/vm \
47     usr/src/uts/common/gssapi \
48 #
49 # cfgadm plugin directory
50 find_files "s*" \
51     usr/src/lib/cfgadm_plugins/ib \
52 #
53 # warlock
54 find_files "s*" \
55     usr/src/uts/common/io/warlock \
56 #
57 # to compile the drivers/modules
58 find_files "s*" \
59     usr/src/uts/sparc/ib \
60     usr/src/uts/sparc/ibcm \
61     usr/src/uts/sparc/ibdm \
```

new/usr/src/uts/common/io/ib/inc.flg

2

```
62     usr/src/uts/sparc/ibmf \
63     usr/src/uts/sparc/ibt1 \
64     usr/src/uts/sparc/ibp \
65     usr/src/uts/sparc/rpcib \
66     usr/src/uts/intel/ib \
67     usr/src/uts/intel/ibcm \
68     usr/src/uts/intel/ibdm \
69     usr/src/uts/intel/ibmf \
70     usr/src/uts/intel/ibt1 \
71     usr/src/uts/intel/ibp \
72     usr/src/uts/intel/rpcib \
73 #
74 # packaging files
75 find_files "s*" usr/src/pkg/license_files
76 echo_file usr/src/pkg/manifests/SUNWib.mf
77 echo_file usr/src/pkg/manifests/SUNWtavor.mf
78 #
79 # extra files needed
80 find_files "s*" \
81     usr/src/uts/common/os \
82     usr/src/uts/common/rpc \
83     usr/src/uts/intel/asm \
84     usr/src/uts/intel/amd64 \
85 #
86 # lvm
87 find_files "s*.x" \
88     usr/src/uts/common/sys/lvm \
89 #
90 # makefiles
91 echo_file usr/src/Makefile.master
92 echo_file usr/src/Makefile.master.64
93 echo_file usr/src/req.flg
94 echo_file usr/src/Makefile.psm
95 echo_file usr/src/Makefile.psm.targ
96 echo_file usr/src/uts/Makefile
97 echo_file usr/src/uts/Makefile.targ
98 echo_file usr/src/uts/Makefile.uts
99 echo_file usr/src/uts/sun/Makefile.files
100 echo_file usr/src/uts/sun/Makefile.rules
101 echo_file usr/src/uts/common/Makefile.files
102 echo_file usr/src/uts/common/Makefile.rules
103 echo_file usr/src/uts/common/sys/Makefile
104 echo_file usr/src/uts/common/sys/lvm/Makefile
105 echo_file usr/src/uts/sparc/Makefile
106 echo_file usr/src/uts/sparc/Makefile.files
107 echo_file usr/src/uts/sparc/Makefile.rules
108 echo_file usr/src/uts/sparc/Makefile.sparc
109 echo_file usr/src/uts/sparc/Makefile.sparc.shared
110 echo_file usr/src/uts/sparc/Makefile.targ
111 echo_file usr/src/uts/sparc/Makefile.targ.shared
112 echo_file usr/src/uts/sparc/ml/sparc.il
113 echo_file usr/src/uts/intel/Makefile
114 echo_file usr/src/uts/intel/Makefile.files
115 echo_file usr/src/uts/intel/Makefile.rules
116 echo_file usr/src/uts/intel/Makefile.intel
117 echo_file usr/src/uts/intel/Makefile.intel.shared
118 echo_file usr/src/uts/intel/Makefile.targ
119 echo_file usr/src/uts/intel/Makefile.targ.shared
120 echo_file usr/src/uts/intel/ia32/ml/ia32.il
121 echo_file usr/src/uts/sun4/Makefile.files
122 echo_file usr/src/uts/sun4/Makefile.rules
123 echo_file usr/src/uts/sun4u/Makefile
```

```
128 echo_file usr/src/uts/sun4u/Makefile.sun4u.shared
124 echo_file usr/src/uts/sun4u/Makefile.targ
130 echo_file usr/src/uts/sun4u/Makefile.targ.shared
125 echo_file usr/src/uts/sun4u/Makefile.workarounds
126 echo_file usr/src/uts/sfmmu/Makefile.files
127 echo_file usr/src/uts/sfmmu/Makefile.rules
128 echo_file usr/src/uts/sparc/v9/Makefile.files
129 echo_file usr/src/uts/sparc/v9/Makefile.rules
130 echo_file usr/src/cmd/Makefile
131 echo_file usr/src/cmd/Makefile.cmd
132 echo_file usr/src/cmd/Makefile.targ
133 echo_file usr/src/pkg/Makefile
134 echo_file exception_lists/packaging
135 find_files "s.*" usr/src/common/mapfiles
```

```

*****
9085 Sat Dec 14 21:34:58 2013
new/usr/src/uts/i86pc/Makefile.i86pc
4266 remove Makefile*.shared nonsense in uts
*****
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
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17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 #
24 # uts/i86pc/Makefile.i86pc
25 #
26 # Copyright (c) 2005, 2010, Oracle and/or its affiliates. All rights reserved.
27 # Copyright (c) 2013 Andrew Stormont. All rights reserved.
28 #
29 #
30 # This makefile contains the common definitions for the i86pc unix
31 # and all i86pc implementation architecture dependent modules.
32 #
33 #
34 #
35 # Machine type (implementation architecture):
36 #
37 PLATFORM = i86pc
38 #
39 #
40 # uname -m value
41 #
42 UNAME_M = $(PLATFORM)
43 #
44 #
45 # Definitions for the platform-specific /platform directories.
46 #
47 # IMPLEMENTATIONS is used to designate i86pc machines which have
48 # platform specific modules. All code specific to a given implementation
49 # resides in the appropriately named subdirectory. This requires
50 # these platforms to have their own Makefiles to define ROOT_PLAT_DIRS,
51 # USR_PLAT_DIRS, etc.
52 #
53 IMPLEMENTATIONS = i86hvm
54 #
55 #
56 # Everybody needs to know how to build modstubs.o and to locate unix.o
57 #
58 UNIX_DIR = $(UTSBASE)/$(PLATFORM)/unix
59 GENLIB_DIR = $(UTSBASE)/intel/genunix
60 MODSTUBS_DIR = $(UNIX_DIR)
61 DSF_DIR = $(UTSBASE)/$(PLATFORM)/genassym

```

```

62 LINTS_DIR = $(OBJS_DIR)
63 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/lint-libs/$(OBJS_DIR)
64 GEN_LINT_LIB_DIR = $(UTSBASE)/intel/lint-libs/$(OBJS_DIR)
65 #
66 LINT32_DIRS = $(LINT32_BUILDS:%=$(UTSBASE)/$(PLATFORM)/lint-libs/%)
67 LINT32_FILES = $(LINT32_DIRS:%=/llib-l$(MODULE).ln)
68 #
69 DTRACESTUBS_O = $(OBJS_DIR)/dtracestubs.o
70 DTRACESTUBS = $(OBJS_DIR)/libdtracestubs.so
71 #
72 SYM_MOD = $(OBJS_DIR)/unix.sym
73 #
74 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
75 MODSTUBS_O = $(MODSTUBS_DIR)/$(OBJS_DIR)/modstubs.o
76 GENLIB = $(GENLIB_DIR)/$(OBJS_DIR)/libgenunix.so
77 LINT_LIB = $(LINT_LIB_DIR)/llib-lunix.ln
78 DBOOT_LINT_LIB = $(LINT_LIB_DIR)/llib-lldboot.ln
79 GEN_LINT_LIB = $(GEN_LINT_LIB_DIR)/llib-lgenunix.ln
80 #
81 #
82 # Include the makefiles which define build rule templates, the
83 # collection of files per module, and a few specific flags. Note
84 # that order is significant, just as with an include path. The
85 # first build rule template which matches the file name will be
86 # used. By including these in order from most machine dependent
87 # to most machine independent, we allow a machine dependent file
88 # to be used in preference over a machine independent version
89 # (Such as a machine specific optimization, which preserves the
90 # interfaces.)
91 #
92 include $(UTSBASE)/$(PLATFORM)/Makefile.files
93 include $(UTSBASE)/intel/Makefile.files
94 include $(UTSBASE)/common/Makefile.files
95 #
96 #
97 # Include machine independent rules. Note that this does not imply
98 # that the resulting module from rules in Makefile.uts is machine
99 # independent. Only that the build rules are machine independent.
100 #
101 include $(UTSBASE)/Makefile.uts
102 #
103 #
104 # Define supported builds
105 #
106 DEF_BUILDS = $(DEF_BUILDS64) $(DEF_BUILDS32)
107 ALL_BUILDS = $(ALL_BUILDS64) $(ALL_BUILDS32)
108 #
109 #
110 # x86 or amd64 inline templates
111 #
112 INLINES_32 = $(UTSBASE)/intel/ia32/ml/ia32.il \
113 $(UTSBASE)/$(PLATFORM)/ml/ia32.il
114 INLINES_64 = $(UTSBASE)/intel/amd64/ml/amd64.il \
115 $(UTSBASE)/$(PLATFORM)/ml/amd64.il
116 INLINES += $(INLINES_$(CLASS))
117 #
118 #
119 # kernel-specific optimizations; override default in Makefile.master
120 #
121 #
122 CFLAGS_XARCH_32 = $(i386_CFLAGS)
123 CFLAGS_XARCH_64 = $(amd64_CFLAGS)
124 CFLAGS_XARCH = $(CFLAGS_XARCH_$(CLASS))
125 #
126 COPTFLAG_32 = $(COPTFLAG)
127 COPTFLAG_64 = $(COPTFLAG64)

```

```

128 COPTIMIZE          = $(COPTFLAG_$(CLASS))

130 CFLAGS             = $(CFLAGS_XARCH)
131 CFLAGS              += $(COPTIMIZE)
132 CFLAGS              += $(INLINES) -D_ASM_INLINES
133 CFLAGS              += $(CCMODE)
134 CFLAGS              += $(SPACEFLAG)
135 CFLAGS              += $(CCUNBOUND)
136 CFLAGS              += $(CFLAGS_uts)
137 CFLAGS              += -xstrconst

139 ASFLAGS_XARCH_32   = $(i386_ASFLAGS)
140 ASFLAGS_XARCH_64   = $(amd64_ASFLAGS)
141 ASFLAGS_XARCH       = $(ASFLAGS_XARCH_$(CLASS))

143 ASFLAGS            += $(ASFLAGS_XARCH)

145 AS_INC_PATH        += -I$(DSF_DIR)/$(OBJS_DIR)

147 #
148 #   The following must be defined for all implementations:
149 #
150 #   MAPFILE:         ld mapfile for the build of kernel/unix.
151 #   MODSTUBS:        Module stubs source file.
152 #   GENASSYM_SRC:    genassym.c
153 #
154 MAPFILE             = $(UTSBASE)/$(PLATFORM)/conf/Mapfile
155 MODSTUBS            = $(UTSBASE)/intel/ia32/ml/modstubs.s
156 GENASSYM_SRC        = $(UTSBASE)/$(PLATFORM)/ml/genassym.c
157 OFFSETS_SRC         = $(UTSBASE)/$(PLATFORM)/ml/offsets.in
158 PLATFORM_OFFSETS_32 = $(UTSBASE)/$(PLATFORM)/ml/mach_offsets.in
159 PLATFORM_OFFSETS_64 = $(UTSBASE)/intel/amd64/ml/mach_offsets.in
160 PLATFORM_OFFSETS_SRC = $(PLATFORM_OFFSETS_$(CLASS))
161 KDI_OFFSETS_SRC     = $(UTSBASE)/intel/kdi/kdi_offsets.in

163 #
164 #   Define the actual specific platforms
165 #
166 MACHINE_DEFS        = -D$(PLATFORM) -D_MACHDEP

168 #
169 #   Software workarounds for hardware "features"
170 #

172 include $(UTSBASE)/$(PLATFORM)/Makefile.workarounds

174 #
175 #   Debugging level
176 #
177 #   Special knowledge of which special debugging options effect which
178 #   file is used to optimize the build if these flags are changed.
179 #
180 #   XXX: The above could possibly be done for more flags and files, but
181 #   is left as an experiment to the interested reader. Be forewarned,
182 #   that excessive use could lead to maintenance difficulties.
183 #
184 DEBUG_DEFS_OBJ32    =
185 DEBUG_DEFS_DBG32    = -DDEBUG
186 DEBUG_DEFS_OBJ64    =
187 DEBUG_DEFS_DBG64    = -DDEBUG
188 DEBUG_DEFS          = $(DEBUG_DEFS_$(BUILD_TYPE))

190 DEBUG_COND_OBJ32    = $(POUND_SIGN)
191 DEBUG_COND_DBG32    =
192 DEBUG_COND_OBJ64    = $(POUND_SIGN)
193 DEBUG_COND_DBG64    =

```

```

194 IF_DEBUG_OBJ       = $(DEBUG_COND_$(BUILD_TYPE))$(OBJS_DIR)/

196 $(IF_DEBUG_OBJ)trap.o           := DEBUG_DEFS += -DTRAPDEBUG -DTRAPTRACE
197 $(IF_DEBUG_OBJ)syscall_asm.o    := DEBUG_DEFS += -DSYSCALLTRACE -DTRAPTRACE
198 $(IF_DEBUG_OBJ)syscall_asm_amd64.o := DEBUG_DEFS += -DSYSCALLTRACE -DTRAPTRACE
199 $(IF_DEBUG_OBJ)fast_trap_asm.o  := DEBUG_DEFS += -DTRAPTRACE
200 $(IF_DEBUG_OBJ)interrupt.o      := DEBUG_DEFS += -DTRAPTRACE
201 $(IF_DEBUG_OBJ)intr.o           := DEBUG_DEFS += -DTRAPTRACE
202 $(IF_DEBUG_OBJ)locore.o         := DEBUG_DEFS += -DTRAPTRACE
203 $(IF_DEBUG_OBJ)mp_startup.o     := DEBUG_DEFS += -DTRAPTRACE
204 $(IF_DEBUG_OBJ)machdep.o        := DEBUG_DEFS += -DTRAPTRACE
205 $(IF_DEBUG_OBJ)exception.o      := DEBUG_DEFS += -DTRAPTRACE
206 $(IF_DEBUG_OBJ)x_call.o         := DEBUG_DEFS += -DTRAPTRACE
207 $(IF_DEBUG_OBJ)mp_call.o       := DEBUG_DEFS += -DTRAPTRACE
208 $(IF_DEBUG_OBJ)cbe.o            := DEBUG_DEFS += -DTRAPTRACE

210 #
211 #   Collect the preprocessor definitions to be associated with *all*
212 #   files.
213 #
214 ALL_DEFS              = $(MACHINE_DEFS) $(WORKAROUND_DEFS) $(DEBUG_DEFS) \
215                        $(OPTION_DEFS)
216 GENASSYM_DEFS         = $(MACHINE_DEFS) $(OPTION_DEFS) \
217                        -_gcc=-fno-eliminate-unused-debug-symbols \
218                        -_gcc=-fno-eliminate-unused-debug-types

220 #
221 # ----- TRANSITIONAL SECTION -----
222 #

224 #
225 #   Not everything which *should* be a module is a module yet. The
226 #   following is a list of such objects which are currently part of
227 #   the base kernel but should soon become kmods.
228 #   1 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
229 #   2 # Use is subject to license terms.
230 #
231 #   XXX: $(KMACCT_OBJS) is neither in the MT kernel nor was it ever
232 #   made into a module. If it is made MT safe before being made
233 #   into a module, it should be added to this list. It was in
234 #   this list pre ON-4.0.
235 #   4 # ident "%Z%M% %I% %E% SMI"
236 #
237 #
238 # MACH_NOT_YET_KMODS = $(AUTOCONF_OBJS)

239 # ----- END OF TRANSITIONAL SECTION -----

241 #
242 #   The kernels modules which are "implementation architecture"
243 #   specific for this machine are enumerated below. Note that most
244 #   of these modules must exist (in one form or another) for each
245 #   architecture.
246 #
247 #   Machine Specific Driver Modules (/kernel/drv)
248 #   DRV_KMODS are built both 32-bit and 64-bit
249 #   DRV_KMODS_32 are built only 32-bit
250 #   DRV_KMODS_64 are built only 64-bit
251 #
252 DRV_KMODS            += rootnex
253 DRV_KMODS            += isa
254 DRV_KMODS            += pcplusmp
255 DRV_KMODS            += apix
256 DRV_KMODS            += cpc

```

```

257 DRV_KMODS      += pci
258 DRV_KMODS      += npe
259 DRV_KMODS      += pci-ide
260 DRV_KMODS      += xsvc
261 DRV_KMODS      += tzmon
262 DRV_KMODS      += acpi_drv
263 DRV_KMODS      += acpinex
264 DRV_KMODS      += amd_iommu
265 DRV_KMODS      += dr
266 DRV_KMODS      += ioat
267 DRV_KMODS      += fipec

269 DRV_KMODS      += cpudrv
270 #endif /* ! codereview */

```

```
6 UTSTREE=$(UTSBASE)
```

```

273 #
274 # Platform Power Modules
275 #
276 DRV_KMODS      += ppm acpippm

```

```

278 #
279 # CPU Modules
280 #
281 CPU_KMODS      += amd_opteron
282 CPU_KMODS      += generic_cpu
283 CPU_KMODS      += authenticamd
284 CPU_KMODS      += genuineintel

```

```

286 #
287 # Exec Class Modules (/kernel/exec):
288 #
289 EXEC_KMODS     +=

```

```

291 #
292 # Scheduling Class Modules (/kernel/sched):
293 #
294 SCHED_KMODS    +=

```

```

296 #
297 # File System Modules (/kernel/fs):
298 #
299 FS_KMODS       +=

```

```

301 #
302 # Streams Modules (/kernel/strmod):
303 #
304 STRMOD_KMODS   +=

```

```

306 #
307 # 'System' Modules (/kernel/sys):
308 #
309 SYS_KMODS      +=

```

```

311 #
312 # 'Misc' Modules (/kernel/misc):
313 #
314 MISC_KMODS     += gfx_private pcie
315 MISC_KMODS     += acpidev
316 MISC_KMODS     += drmmach_acpi

```

```

318 #
319 # 'Dacf' modules (/kernel/dacf)
320 #
321 DACF_KMODS     += consconfig_dacf

```

```

323 #
324 # 'Mach' Modules (/kernel/mach):
325 #
326 MACH_KMODS     += uppc

328 #
329 # CPR Misc Module.
330 #
331 MISC_KMODS     += cpr
332 #include $(UTSBASE)/i86pc/Makefile.i86pc.shared

```


new/usr/src/uts/i86pc/Makefile.targ

1

```
*****
1384 Sat Dec 14 21:34:58 2013
new/usr/src/uts/i86pc/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
*****
```

```
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License, Version 1.0 only
7 # (the "License"). You may not use this file except in compliance
8 # with the License.
9 #
10 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
11 # or http://www.opensolaris.org/os/licensing.
12 # See the License for the specific language governing permissions
13 # and limitations under the License.
14 #
15 # When distributing Covered Code, include this CDDL HEADER in each
16 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
17 # If applicable, add the following below this CDDL HEADER, with the
18 # fields enclosed by brackets "[]" replaced with your own identifying
19 # information: Portions Copyright [yyyy] [name of copyright owner]
20 #
21 # CDDL HEADER END
22 #
23 #
24 # uts/i86pc/Makefile.targ
25 #
26 #endif /* ! codereview */
27 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
28 # Use is subject to license terms.
29 #
30 # This Makefile defines the set of all required, target containing
31 # included Makefiles for the i86pc "implementation architecture".
32 #
33 #
34 # Targets for all implementations:
35 # ident "%Z%M% %I% %E% SMI"
36 #
37 include $(UTSBASE)/Makefile.targ
38 #endif /* ! codereview */
39 #
40 #
41 # Target set for i86pc (order is not important, as it is with the
42 # isomorphic Makefile.files set).
43 #
44 include $(UTSBASE)/i86pc/Makefile.rules
45 include $(UTSBASE)/intel/Makefile.rules
46 include $(UTSBASE)/common/Makefile.rules
47 UTSTREE=$(UTSBASE)
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```

*****
      8900 Sat Dec 14 21:34:58 2013
new/usr/src/uts/i86xpv/Makefile.i86xpv
4266 remove Makefile*.shared nonsense in uts
*****
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License (the "License").
7 # You may not use this file except in compliance with the License.
8 #
9 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
10 # or http://www.opensolaris.org/os/licensing.
11 # See the License for the specific language governing permissions
12 # and limitations under the License.
13 #
14 # When distributing Covered Code, include this CDDL HEADER in each
15 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 #
24 # uts/i86xpv/Makefile.i86xpv
25 #
26 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
27 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
28 # Use is subject to license terms.
29 # Copyright (c) 2013 Andrew Stormont. All rights reserved.
30 #
31 #
32 # This makefile contains the common definitions for the i86xpv unix
33 # and all i86xpv implementation architecture dependent modules.
34 #
35 #
36 #
37 # Machine type (implementation architecture):
38 #
39 PLATFORM          = i86xpv
40 #
41 #
42 # uname -m value
43 #
44 UNAME_M           = i86pc
45 #
46 #
47 # Everybody needs to know how to build modstubs.o and to locate unix.o
48 #
49 UNIX_DIR          = $(UTSBASE)/$(PLATFORM)/unix
50 GENLIB_DIR        = $(UTSBASE)/intel/genunix
51 MODSTUBS_DIR      = $(UNIX_DIR)
52 DSF_DIR           = $(UTSBASE)/$(PLATFORM)/genassym
53 LINTS_DIR         = $(OBJS_DIR)
54 LINT_LIB_DIR      = $(UTSBASE)/$(PLATFORM)/lint-libs/$(OBJS_DIR)
55 GEN_LINT_LIB_DIR  = $(UTSBASE)/intel/lint-libs/$(OBJS_DIR)
56 #
57 DTRACESTUBS_O    = $(OBJS_DIR)/dtracestubs.o
58 DTRACESTUBS      = $(OBJS_DIR)/libdtracestubs.so
59 #
60 SYM_MOD           = $(OBJS_DIR)/unix.sym

```

```

62 UNIX_O           = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
63 MODSTUBS_O       = $(MODSTUBS_DIR)/$(OBJS_DIR)/modstubs.o
64 GENLIB           = $(GENLIB_DIR)/$(OBJS_DIR)/libgenunix.so
65 LINT_LIB         = $(LINT_LIB_DIR)/llib-lunix.ln
66 DBOOT_LINT_LIB   = $(LINT_LIB_DIR)/llib-ldboot.ln
67 GEN_LINT_LIB     = $(GEN_LINT_LIB_DIR)/llib-lgenunix.ln
68 #
69 LINT32_DIRS      = $(LINT32_BUILDS:%=$(UTSBASE)/$(PLATFORM)/lint-libs/%)
70 LINT32_FILES     = $(LINT32_DIRS:%=%/llib-l$(MODULE).ln)
71 #
72 #
73 # Include the makefiles which define build rule templates, the
74 # collection of files per module, and a few specific flags. Note
75 # that order is significant, just as with an include path. The
76 # first build rule template which matches the files name will be
77 # used. By including these in order from most machine dependent
78 # to most machine independent, we allow a machine dependent file
79 # to be used in preference over a machine independent version
80 # (Such as a machine specific optimization, which preserves the
81 # interfaces.)
82 #
83 include $(UTSBASE)/$(PLATFORM)/Makefile.files
84 include $(UTSBASE)/intel/Makefile.files
85 include $(UTSBASE)/common/Makefile.files
86 #
87 #
88 # Include machine independent rules. Note that this does not imply
89 # that the resulting module from rules in Makefile.uts is machine
90 # independent. Only that the build rules are machine independent.
91 #
92 include $(UTSBASE)/Makefile.uts
93 #
94 #endif /* ! codereview */
95 #
96 # Define supported builds
97 #
98 # ident "%Z%M% %I% %E% SMI"
99 #
100 DEF_BUILDS        = $(DEF_BUILDS64) $(DEF_BUILDS32)
101 ALL_BUILDS        = $(ALL_BUILDS64) $(ALL_BUILDS32)
102 #endif /* ! codereview */
103 #
104 #
105 # x86 or amd64 inline templates
106 #
107 INLINES_32        = $(UTSBASE)/intel/ia32/ml/ia32.il \
108                   $(UTSBASE)/$(PLATFORM)/ml/ia32.il
109 INLINES_64        = $(UTSBASE)/intel/amd64/ml/amd64.il \
110                   $(UTSBASE)/$(PLATFORM)/ml/amd64.il
111 INLINES            += $(INLINES_$(CLASS))
112 #
113 #
114 # kernel-specific optimizations; override default in Makefile.master
115 #
116 CFLAGS_XARCH_32   = $(i386_CFLAGS)
117 CFLAGS_XARCH_64   = $(amd64_CFLAGS)
118 CFLAGS_XARCH      = $(CFLAGS_XARCH_$(CLASS))
119 #
120 COPTFLAG_32       = $(COPTFLAG)
121 COPTFLAG_64       = $(COPTFLAG64)
122 COPTIMIZE          = $(COPTFLAG_$(CLASS))
123 #
124 CFLAGS             = $(CFLAGS_XARCH)
125 CFLAGS             += $(COPTIMIZE)
126 CFLAGS             += $(INLINES) -D_ASM_INLINES

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126 CFLAGS          += $(CCMODE)
127 CFLAGS          += $(SPACEFLAG)
128 CFLAGS          += $(CCUNBOUND)
129 CFLAGS          += $(CFLAGS_uts)

131 ASFLAGS_XARCH_32 = $(i386_ASFLAGS)
132 ASFLAGS_XARCH_64 = $(amd64_ASFLAGS)
133 ASFLAGS_XARCH    = $(ASFLAGS_XARCH_$(CLASS))

135 ASFLAGS          += $(ASFLAGS_XARCH)

137 AS_INC_PATH     += -I$(DSF_DIR)/$(OBSJ_DIR)

139 #
140 #       The following must be defined for all implementations:
141 #
142 #       MAPFILE:      ld mapfile for the build of kernel/unix.
143 #       MODSTUBS:    Module stubs source file.
144 #       GENASSYM_SRC: genassym.c

146 MAPFILE          = $(UTSBASE)/$(PLATFORM)/conf/Mapfile
147 MODSTUBS         = $(UTSBASE)/intel/ia32/ml/modstubs.s
148 GENASSYM_SRC     = $(UTSBASE)/i86pc/ml/genassym.c
149 OFFSETS_SRC     = $(UTSBASE)/i86pc/ml/offsets.in
150 5 UTSTREE=$(UTSBASE)

151 #PLATFORM_OFFSETS_32 = $(UTSBASE)/$(PLATFORM)/ml/mach_offsets.in
152 PLATFORM_OFFSETS_32 = $(UTSBASE)/i86pc/ml/mach_offsets.in
153 PLATFORM_OFFSETS_64 = $(UTSBASE)/intel/amd64/ml/mach_offsets.in
154 PLATFORM_OFFSETS_SRC = $(PLATFORM_OFFSETS_$(CLASS))
155 KDI_OFFSETS_SRC     = $(UTSBASE)/intel/kdi/kdi_offsets.in

157 #
158 #       Define the actual specific platforms
159 #
160 MACHINE_DEFS      = -D_$(PLATFORM) -D_xpv -D_MACHDEP

162 #
163 #       Software workarounds for hardware "features"
164 #

166 include $(UTSBASE)/i86pc/Makefile.workarounds

168 #
169 #       Debugging level
170 #
171 #       Special knowledge of which special debugging options effect which
172 #       file is used to optimize the build if these flags are changed.
173 #
174 #       XXX: The above could possibly be done for more flags and files, but
175 #       is left as an experiment to the interested reader. Be forewarned,
176 #       that excessive use could lead to maintenance difficulties.
177 #
178 DEBUG_DEFS_OBJ32 =
179 DEBUG_DEFS_DBG32 = -DDEBUG
180 DEBUG_DEFS_OBJ64 =
181 DEBUG_DEFS_DBG64 = -DDEBUG
182 DEBUG_DEFS       = $(DEBUG_DEFS_$(BUILD_TYPE))

184 DEBUG_COND_OBJ32 = $(POUND_SIGN)
185 DEBUG_COND_DBG32 =
186 DEBUG_COND_OBJ64 = $(POUND_SIGN)
187 DEBUG_COND_DBG64 =
188 IF_DEBUG_OBJ     = $(DEBUG_COND_$(BUILD_TYPE))$(OBSJ_DIR)/

190 $(IF_DEBUG_OBJ)trap.o      := DEBUG_DEFS += -DTRAPDEBUG -DTRAPTRACE

```

```

191 $(IF_DEBUG_OBJ)syscall_asm.o := DEBUG_DEFS += -DSYSCALLTRACE -DTRAPTRACE
192 $(IF_DEBUG_OBJ)syscall_asm_amd64.o := DEBUG_DEFS += -DSYSCALLTRACE -DTRAPTRACE
193 $(IF_DEBUG_OBJ)fast_trap_asm.o := DEBUG_DEFS += -DTRAPTRACE
194 $(IF_DEBUG_OBJ)interrupt.o := DEBUG_DEFS += -DTRAPTRACE
195 $(IF_DEBUG_OBJ)intr.o := DEBUG_DEFS += -DTRAPTRACE
196 $(IF_DEBUG_OBJ)locore.o := DEBUG_DEFS += -DTRAPTRACE
197 $(IF_DEBUG_OBJ)mp_startup.o := DEBUG_DEFS += -DTRAPTRACE
198 $(IF_DEBUG_OBJ)machdep.o := DEBUG_DEFS += -DTRAPTRACE
199 $(IF_DEBUG_OBJ)exception.o := DEBUG_DEFS += -DTRAPTRACE
200 $(IF_DEBUG_OBJ)x_call.o := DEBUG_DEFS += -DTRAPTRACE
201 $(IF_DEBUG_OBJ)mp_call.o := DEBUG_DEFS += -DTRAPTRACE
202 $(IF_DEBUG_OBJ)cbe.o := DEBUG_DEFS += -DTRAPTRACE
203 $(IF_DEBUG_OBJ)hyperevent.o := DEBUG_DEFS += -DTRAPTRACE
204 $(IF_DEBUG_OBJ)evtchn.o := DEBUG_DEFS += -DTRAPTRACE

206 #
207 #       Collect the preprocessor definitions to be associated with *all*
208 #       files.
209 #
210 ALL_DEFS          = $(MACHINE_DEFS) $(WORKAROUND_DEFS) $(DEBUG_DEFS) \
211                   $(OPTION_DEFS)
212 GENASSYM_DEFS     = $(MACHINE_DEFS) $(OPTION_DEFS) \
213                   -_gcc=-fno-eliminate-unused-debug-symbols \
214                   -_gcc=-fno-eliminate-unused-debug-types

216 #
217 # ----- TRANSITIONAL SECTION -----
218 #

220 #
221 #       Not everything which *should* be a module is a module yet. The
222 #       following is a list of such objects which are currently part of
223 #       the base kernel but should soon become kmods.
224 #
225 #       XXX: $(KMACCT_OBJS) is neither in the MT kernel nor was it ever
226 #       made into a module. If it is made MT safe before being made
227 #       into a module, it should be added to this list. It was in
228 #       this list pre ON-4.0.
229 #
230 #
231 MACH_NOT_YET_KMODS = $(AUTOCONF_OBJS)

233 #
234 # ----- END OF TRANSITIONAL SECTION -----
235 #

237 #
238 #       The kernels modules which are "implementation architecture"
239 #       specific for this machine are enumerated below. Note that most
240 #       of these modules must exist (in one form or another) for each
241 #       architecture.
242 #
243 #       Machine Specific Driver Modules (/kernel/drv):
244 #       DRV_KMODS are built both 32-bit and 64-bit
245 #       DRV_KMODS_32 are built only 32-bit
246 #       DRV_KMODS_64 are built only 64-bit
247 #

249 DRV_KMODS        += rootnex
250 DRV_KMODS        += ioat
251 DRV_KMODS        += isa
252 DRV_KMODS        += pci
253 DRV_KMODS        += pit_beeper
254 DRV_KMODS        += npe
255 DRV_KMODS        += pci-ide
256 DRV_KMODS        += xsvc

```

```

257 DRV_KMODS      += xenbus
258 DRV_KMODS      += xencons
259 DRV_KMODS      += xpvd
260 DRV_KMODS      += xnbe
261 DRV_KMODS      += xnbo
262 DRV_KMODS      += xnbu
263 DRV_KMODS      += xnf
264 DRV_KMODS      += xdb
265 DRV_KMODS      += xdf
266 DRV_KMODS      += privcmd
267 DRV_KMODS      += domcaps
268 DRV_KMODS      += evtchn
269 DRV_KMODS      += balloon
270 DRV_KMODS      += xpvtp
271 DRV_KMODS      += xdt

273 #
274 #      CPU Modules
275 #
276 CPU_KMODS      += generic_cpu
277 CPU_KMODS      += amd_opteron
278 CPU_KMODS      += genuineintel
279 CPU_KMODS      += authenticamd

281 #
282 #      Exec Class Modules (/kernel/exec):
283 #
284 EXEC_KMODS     +=

286 #
287 #      Scheduling Class Modules (/kernel/sched):
288 #
289 SCHED_KMODS    +=

291 #
292 #      File System Modules (/kernel/fs):
293 #
294 FS_KMODS       +=

296 #
297 #      Streams Modules (/kernel/strmod):
298 #
299 STRMOD_KMODS   +=

301 #
302 #      'System' Modules (/kernel/sys):
303 #
304 SYS_KMODS      +=

306 #
307 #      'Misc' Modules (/kernel/misc):
308 #
309 MISC_KMODS     += xpv_autoconfig gfx_private xnb

311 #
312 #      'Dacf' modules (/kernel/dacf)
313 DACF_KMODS     += consconfig_dacf

315 #
316 #      'Mach' Modules (/kernel/mach):
317 #
318 MACH_KMODS     += xpv_psm xpv_uppc

320 #
321 #      'TOD' modules (/platform/.../kernel/tod):
322 #

```

```

323 TOD_KMODS      += xpvtod
7 include $(UTSBASE)/i86xpv/Makefile.i86xpv.shared

```

new/usr/src/uts/i86xpv/Makefile.targ

1

1339 Sat Dec 14 21:34:59 2013

new/usr/src/uts/i86xpv/Makefile.targ

4266 remove Makefile*.shared nonsense in uts

```
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License (the "License").
7 # You may not use this file except in compliance with the License.
8 #
9 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
10 # or http://www.opensolaris.org/os/licensing.
11 # See the License for the specific language governing permissions
12 # and limitations under the License.
13 #
14 # When distributing Covered Code, include this CDDL HEADER in each
15 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 #
24 #endif /* ! codereview */
25 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
26 # Use is subject to license terms.
27 #
28 # This Makefile defines the set of all required, target containing
29 # included Makefiles for the i86xpv "implementation architecture".
30 #
31 #
32 #
33 # Targets for all implementations:
34 # 1 # ident "%Z%M% %I% %E% SMI"
35 #
36 #
37 #
38 #
39 # Target set for i86xpv (order is not important, as it is with the
40 # isomorphic Makefile.files set).
41 #
42 # include $(UTSBASE)/i86xpv/Makefile.rules
43 # include $(UTSBASE)/intel/Makefile.rules
44 # include $(UTSBASE)/common/Makefile.rules
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*****
16009 Sat Dec 14 21:34:59 2013
new/usr/src/uts/intel/Makefile.intel
4266 remove Makefile*.shared nonsense in uts
*****
1 #
1 # CDDL HEADER START
2 #
3 # The contents of this file are subject to the terms of the
4 # Common Development and Distribution License (the "License").
5 # You may not use this file except in compliance with the License.
6 #
7 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
8 # or http://www.opensolaris.org/os/licensing.
9 # See the License for the specific language governing permissions
10 # and limitations under the License.
11 #
12 # When distributing Covered Code, include this CDDL HEADER in each
13 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
14 # If applicable, add the following below this CDDL HEADER, with the
15 # fields enclosed by brackets "[]" replaced with your own identifying
16 # information: Portions Copyright [yyyy] [name of copyright owner]
17 #
18 # CDDL HEADER END
19 #

21 # Copyright (c) 2005, 2010, Oracle and/or its affiliates. All rights reserved.
22 # Copyright (c) 2012 Nexenta Systems, Inc. All rights reserved.
23 # Copyright (c) 2013 Andrew Stormont. All rights reserved.

25 #
26 # This makefile contains the common definitions for all intel
27 # implementation architecture independent modules.
28 #

30 #
31 # Machine type (implementation architecture):
32 #
33 PLATFORM = i86pc

35 #
36 # Everybody needs to know how to build modstubs.o and to locate unix.o.
37 # Note that unix.o must currently be selected from among the possible
38 # "implementation architectures". Note further, that unix.o is only
39 # used as an optional error check for undefines so (theoretically)
40 # any "implementation architectures" could be used. We choose i86pc
41 # because it is the reference port.
42 #
43 UNIX_DIR = $(UTSBASE)/i86pc/unix
44 GENLIB_DIR = $(UTSBASE)/intel/genunix
45 IPDRV_DIR = $(UTSBASE)/intel/ip
46 MODSTUBS_DIR = $(UNIX_DIR)
47 DSF_DIR = $(UTSBASE)/$(PLATFORM)/genassym
48 LINTS_DIR = $(OBJS_DIR)
49 LINT_LIB_DIR = $(UTSBASE)/intel/lint-libs/$(OBJS_DIR)

51 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
52 GENLIB = $(GENLIB_DIR)/$(OBJS_DIR)/libgenunix.so
53 MODSTUBS_O = $(MODSTUBS_DIR)/$(OBJS_DIR)/modstubs.o
54 LINT_LIB = $(UTSBASE)/i86pc/lint-libs/$(OBJS_DIR)/llib-lunix.ln
55 GEN_LINT_LIB = $(UTSBASE)/intel/lint-libs/$(OBJS_DIR)/llib-lgenunix.ln

57 #
58 # Include the makefiles which define build rule templates, the
59 # collection of files per module, and a few specific flags. Note
60 # that order is significant, just as with an include path. The

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```

61 # first build rule template which matches the files name will be
62 # used. By including these in order from most machine dependent
63 # to most machine independent, we allow a machine dependent file
64 # to be used in preference over a machine independent version
65 # (Such as a machine specific optimization, which preserves the
66 # interfaces.)
67 #
68 include $(UTSBASE)/intel/Makefile.files
69 include $(UTSBASE)/common/Makefile.files

71 #
72 # ----- TRANSITIONAL SECTION -----
73 #

75 #endif /* ! codereview */
76 #
77 # Not everything which *should* be a module is a module yet. The
78 # following is a list of such objects which are currently part of
79 # genunix but which might someday become kmods. This must be
80 # defined before we include Makefile.uts, or else genunix's build
81 # won't be as parallel as we might like.
82 # Copyright 2010 Sun Microsystems, Inc. All rights reserved.
83 # Use is subject to license terms.
84 #
85 #
86 # ----- END OF TRANSITIONAL SECTION -----
87 #
88 # Include machine independent rules. Note that this does not imply
89 # that the resulting module from rules in Makefile.uts is machine
90 # independent. Only that the build rules are machine independent.
91 #
92 include $(UTSBASE)/Makefile.uts

94 #
95 # The following must be defined for all implementations:
96 #
97 MODSTUBS = $(UTSBASE)/intel/ia32/ml/modstubs.s

99 #
100 # Define supported builds
101 #
102 DEF_BUILDS = $(DEF_BUILDS64) $(DEF_BUILDS32)
103 ALL_BUILDS = $(ALL_BUILDS64) $(ALL_BUILDS32)

105 #
106 # x86 or amd64 inline templates
107 #
108 INLINES_32 = $(UTSBASE)/intel/ia32/ml/ia32.il
109 INLINES_64 = $(UTSBASE)/intel/amd64/ml/amd64.il
110 INLINES += $(INLINES_$(CLASS))

112 #
113 # kernel-specific optimizations; override default in Makefile.master
114 #

116 CFLAGS_XARCH_32 = $(i386_CFLAGS)
117 CFLAGS_XARCH_64 = $(amd64_CFLAGS)
118 CFLAGS_XARCH = $(CFLAGS_XARCH_$(CLASS))

120 COPTFLAG_32 = $(COPTFLAG)
121 COPTFLAG_64 = $(COPTFLAG64)
122 COPTIMIZE = $(COPTFLAG_$(CLASS))
123 #endif /* ! codereview */

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125 CFLAGS          = $(CFLAGS_XARCH)
126 CFLAGS          += $(COPTIMIZE)
127 CFLAGS          += $(INLINES) -D_ASM_INLINES
128 CFLAGS          += $(CCMODE)
129 CFLAGS          += $(SPACEFLAG)
130 CFLAGS          += $(CCUNBOUND)
131 CFLAGS          += $(CFLAGS_uts)
132 CFLAGS          += -xstrconst
    25 UTSTREE=$(UTSBASE)

134 ASFLAGS_XARCH_32 = $(i386_ASFLAGS)
135 ASFLAGS_XARCH_64 = $(amd64_ASFLAGS)
136 ASFLAGS_XARCH    = $(ASFLAGS_XARCH_$(CLASS))

138 ASFLAGS          += $(ASFLAGS_XARCH)

140 #
141 #       Define the base directory for installation.
142 #
143 BASE_INS_DIR     = $(ROOT)

145 #
146 #       Debugging level
147 #
148 #       Special knowledge of which special debugging options affect which
149 #       file is used to optimize the build if these flags are changed.
150 #
151 DEBUG_DEFS_OBJ32 = -DDEBUG
152 DEBUG_DEFS_DBG32 = -DDEBUG
153 DEBUG_DEFS_OBJ64 = -DDEBUG
154 DEBUG_DEFS_DBG64 = -DDEBUG
155 DEBUG_DEFS       = $(DEBUG_DEFS_$(BUILD_TYPE))

157 DEBUG_COND_OBJ32 = $(POUND_SIGN)
158 DEBUG_COND_DBG32 =
159 DEBUG_COND_OBJ64 = $(POUND_SIGN)
160 DEBUG_COND_DBG64 =
161 IF_DEBUG_OBJ     = $(DEBUG_COND_$(BUILD_TYPE))$(OBJS_DIR)/

163 $(IF_DEBUG_OBJ)syscall.o      :=      DEBUG_DEFS      += -DSYSCALLTRACE
164 $(IF_DEBUG_OBJ)clock.o       :=      DEBUG_DEFS      += -DKSLICE=1

166 #
167 #       Collect the preprocessor definitions to be associated with *all*
168 #       files.
169 #
170 ALL_DEFS          = $(DEBUG_DEFS) $(OPTION_DEFS)

172 #
173 #       The kernels modules which are "implementation architecture"
174 #       specific for this machine are enumerated below. Note that most
175 #       of these modules must exist (in one form or another) for each
176 #       architecture.
177 #
178 #       Common Drivers (usually pseudo drivers) (/kernel/drv)
179 #       DRV_KMODS are built both 32-bit and 64-bit
180 #       DRV_KMODS_32 are built only 32-bit
181 #       DRV_KMODS_64 are built only 64-bit
182 #
183 DRV_KMODS        += aac
184 DRV_KMODS        += aggr
185 DRV_KMODS        += ahci
186 DRV_KMODS        += amd64_gart
187 DRV_KMODS        += amr
188 DRV_KMODS        += agpgart
189 DRV_KMODS        += srn

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190 DRV_KMODS        += agptarget
191 DRV_KMODS        += arn
192 DRV_KMODS        += arp
193 DRV_KMODS        += asy
194 DRV_KMODS        += ata
195 DRV_KMODS        += ath
196 DRV_KMODS        += atu
197 DRV_KMODS        += audio
198 DRV_KMODS        += audio1575
199 DRV_KMODS        += audio810
200 DRV_KMODS        += audiocmi
201 DRV_KMODS        += audiocmihd
202 DRV_KMODS        += audioemu10k
203 DRV_KMODS        += audioens
204 DRV_KMODS        += audiohd
205 DRV_KMODS        += audioixp
206 DRV_KMODS        += audiols
207 DRV_KMODS        += audiop16x
208 DRV_KMODS        += audiopci
209 DRV_KMODS        += audiosolo
210 DRV_KMODS        += audiotls
211 DRV_KMODS        += audiovia823x
212 DRV_KMODS_32    += audiovia97
213 DRV_KMODS        += bl
214 DRV_KMODS        += blkdev
215 DRV_KMODS        += bge
216 DRV_KMODS        += bofi
217 DRV_KMODS        += bpf
218 DRV_KMODS        += bridge
219 DRV_KMODS        += bsdbus
220 DRV_KMODS        += bscv
221 DRV_KMODS        += chxge
222 DRV_KMODS        += cxgbe
223 DRV_KMODS        += ntxn
224 DRV_KMODS        += myri10ge
225 DRV_KMODS        += clone
226 DRV_KMODS        += cmdk
227 DRV_KMODS        += cn
228 DRV_KMODS        += conskbd
229 DRV_KMODS        += consms
230 DRV_KMODS        += cpqary3
231 DRV_KMODS        += cpuid
232 DRV_KMODS        += cpunex
233 DRV_KMODS        += crypto
234 DRV_KMODS        += cryptoadm
235 DRV_KMODS        += dca
236 DRV_KMODS        += devinfo
237 DRV_KMODS        += dld
238 DRV_KMODS        += dlpihtub
239 DRV_KMODS_32    += dnet
240 DRV_KMODS        += dump
241 DRV_KMODS        += ecpp
242 DRV_KMODS        += emlxs
243 DRV_KMODS        += fd
244 DRV_KMODS        += fdc
245 DRV_KMODS        += fm
246 DRV_KMODS        += fssnap
247 DRV_KMODS        += hxge
248 DRV_KMODS        += i8042
249 DRV_KMODS        += i915
250 DRV_KMODS        += icmp
251 DRV_KMODS        += icmp6
252 DRV_KMODS        += intel_nb5000
253 DRV_KMODS        += intel_nhm
254 DRV_KMODS        += ip
255 DRV_KMODS        += ip6

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256 DRV_KMODS += ipd
257 DRV_KMODS += ipf
258 DRV_KMODS += ipnet
259 DRV_KMODS += ippctl
260 DRV_KMODS += ipsecach
261 DRV_KMODS += ipsecesp
262 DRV_KMODS += ipw
263 DRV_KMODS += iwh
264 DRV_KMODS += iwi
265 DRV_KMODS += iwk
266 DRV_KMODS += iwp
267 DRV_KMODS += iwscn
268 DRV_KMODS += kb8042
269 DRV_KMODS += keysock
270 DRV_KMODS += kssl
271 DRV_KMODS += kstat
272 DRV_KMODS += ksyms
273 DRV_KMODS += kmdb
274 DRV_KMODS += llcl
275 DRV_KMODS += lofi
276 DRV_KMODS += log
277 DRV_KMODS += logindmux
278 DRV_KMODS += mega_sas
279 DRV_KMODS += mc-amd
280 DRV_KMODS += mm
281 DRV_KMODS += mouse8042
282 DRV_KMODS += mpt_sas
283 DRV_KMODS += mr_sas
284 DRV_KMODS += mwl
285 DRV_KMODS += nca
286 DRV_KMODS += nsmb
287 DRV_KMODS += nulldriver
288 DRV_KMODS += nv_sata
289 DRV_KMODS += nxge
290 DRV_KMODS += oce
291 DRV_KMODS += openeep
292 DRV_KMODS += pci_pci
293 DRV_KMODS += pcic
294 DRV_KMODS += pcieb
295 DRV_KMODS += phymem
296 DRV_KMODS += pit_beep
297 DRV_KMODS += pm
298 DRV_KMODS += poll
299 DRV_KMODS += pool
300 DRV_KMODS += power
301 DRV_KMODS += pseudo
302 DRV_KMODS += ptc
303 DRV_KMODS += ptm
304 DRV_KMODS += pts
305 DRV_KMODS += ptsl
306 DRV_KMODS += qlge
307 DRV_KMODS += radeon
308 DRV_KMODS += ral
309 DRV_KMODS += ramdisk
310 DRV_KMODS += random
311 DRV_KMODS += rds
312 DRV_KMODS += rdsv3
313 DRV_KMODS += rpcib
314 DRV_KMODS += rsm
315 DRV_KMODS += rts
316 DRV_KMODS += rtw
317 DRV_KMODS += rum
318 DRV_KMODS += rwd
319 DRV_KMODS += rwn
320 DRV_KMODS += sad
321 DRV_KMODS += sd

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322 DRV_KMODS += sdhost
323 DRV_KMODS += sgen
324 DRV_KMODS += si3124
325 DRV_KMODS += smbios
326 DRV_KMODS += softmac
327 DRV_KMODS += spdssock
328 DRV_KMODS += sbsrv
329 DRV_KMODS += smp
330 DRV_KMODS += sppp
331 DRV_KMODS += sppptun
332 DRV_KMODS += srpt
333 DRV_KMODS += st
334 DRV_KMODS += sy
335 DRV_KMODS += sysevent
336 DRV_KMODS += sysmsg
337 DRV_KMODS += tcp
338 DRV_KMODS += tcp6
339 DRV_KMODS += tl
340 DRV_KMODS += tnf
341 DRV_KMODS += tpm
342 DRV_KMODS += trill
343 DRV_KMODS += udp
344 DRV_KMODS += udp6
345 DRV_KMODS += ucode
346 DRV_KMODS += ural
347 DRV_KMODS += uath
348 DRV_KMODS += urtw
349 DRV_KMODS += vgatext
350 DRV_KMODS += heci
351 DRV_KMODS += vnic
352 DRV_KMODS += vscan
353 DRV_KMODS += wc
354 DRV_KMODS += winlock
355 DRV_KMODS += wpi
356 DRV_KMODS += xge
357 DRV_KMODS += yge
358 DRV_KMODS += zcons
359 DRV_KMODS += zyd
360 DRV_KMODS += simnet
361 DRV_KMODS += stmf
362 DRV_KMODS += stmf_sbd
363 DRV_KMODS += fct
364 DRV_KMODS += fcoe
365 DRV_KMODS += fcoet
366 DRV_KMODS += fcoei
367 DRV_KMODS += qlt
368 DRV_KMODS += iscsit
369 DRV_KMODS += pppt
370 DRV_KMODS += ncall nsctl sdbc nskern sv
371 DRV_KMODS += ii rdc rdcsrv rdcstub
372 DRV_KMODS += iptun

374 #
375 # Common code drivers
376 #

378 DRV_KMODS += afe
379 DRV_KMODS += atge
380 DRV_KMODS += bfe
381 DRV_KMODS += dmfe
382 DRV_KMODS += e1000g
383 DRV_KMODS += efe
384 DRV_KMODS += elxl
385 DRV_KMODS += hme
386 DRV_KMODS += mxfe
387 DRV_KMODS += nge

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388 DRV_KMODS      += pcn
389 DRV_KMODS      += rge
390 DRV_KMODS      += rtls
391 DRV_KMODS      += sfe
392 DRV_KMODS      += amd8111s
393 DRV_KMODS      += igb
394 DRV_KMODS      += ipmi
395 DRV_KMODS      += iprb
396 DRV_KMODS      += ixgbe
397 DRV_KMODS      += vr

399 #
400 # Virtio drivers
401 #

403 # Virtio core
404 DRV_KMODS      += virtio

406 # Virtio block driver
407 DRV_KMODS      += vioblk

409 #
410 #      DTrace and DTrace Providers
411 #
412 DRV_KMODS      += dtrace
413 DRV_KMODS      += fbt
414 DRV_KMODS      += lockstat
415 DRV_KMODS      += profile
416 DRV_KMODS      += sdt
417 DRV_KMODS      += systrace
418 DRV_KMODS      += fasttrap
419 DRV_KMODS      += dcpc

421 #
422 #      I/O framework test drivers
423 #
424 DRV_KMODS      += pshot
425 DRV_KMODS      += gen_drv
426 DRV_KMODS      += tvhci tphci tclient
427 DRV_KMODS      += emul64

429 #
430 #      Machine Specific Driver Modules (/kernel/drv):
431 #
432 DRV_KMODS      += options
433 DRV_KMODS      += scsi_vhci
434 DRV_KMODS      += pmcs
435 DRV_KMODS      += pmcs8001fw
436 DRV_KMODS      += arcmsr
437 DRV_KMODS      += fcp
438 DRV_KMODS      += fcip
439 DRV_KMODS      += fcsn
440 DRV_KMODS      += fp
441 DRV_KMODS      += qlc
442 DRV_KMODS      += iscsi

444 #
445 #      PCMCIA specific module(s)
446 #
447 DRV_KMODS      += pcs
448 MISC_KMODS     += cardbus

450 #
451 #      SCSI Enclosure Services driver
452 #
453 DRV_KMODS      += ses

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455 #
456 #      USB specific modules
457 #
458 DRV_KMODS      += hid
459 DRV_KMODS      += hwarc hwahc
460 DRV_KMODS      += hubd
461 DRV_KMODS      += uhci
462 DRV_KMODS      += ehci
463 DRV_KMODS      += ohci
464 DRV_KMODS      += usb_mid
465 DRV_KMODS      += usb_ia
466 DRV_KMODS      += scsa2usb
467 DRV_KMODS      += usbprn
468 DRV_KMODS      += ugen
469 DRV_KMODS      += usbser
470 DRV_KMODS      += usbsacm
471 DRV_KMODS      += usbsksp
472 DRV_KMODS      += usbsprl
473 DRV_KMODS      += usb_ac
474 DRV_KMODS      += usb_as
475 DRV_KMODS      += usbskel
476 DRV_KMODS      += usbvc
477 DRV_KMODS      += usbftdi
478 DRV_KMODS      += wusb_df
479 DRV_KMODS      += wusb_ca
480 DRV_KMODS      += usbecm

482 #
483 #      1394 modules
484 #
485 MISC_KMODS     += s1394 sbp2
486 DRV_KMODS      += hci1394 scsa1394
487 DRV_KMODS      += av1394
488 DRV_KMODS      += dcam1394

490 #
491 #      InfiniBand pseudo drivers
492 #
493 DRV_KMODS      += ib ibp eibnx eoib rdsib sdp iser daplt hermon tavor sol_ucma
494 DRV_KMODS      += sol_umad

496 #
497 #      LVM modules
498 #
499 DRV_KMODS      += md
500 MISC_KMODS     += md_stripe md_hotspares md_mirror md_raid md_trans md_notify
501 MISC_KMODS     += md_sp

503 #
504 #      Brand modules
505 #
506 BRAND_KMODS    += snl_brand s10_brand

508 #
509 #      Exec Class Modules (/kernel/exec):
510 #
511 EXEC_KMODS     += elfexec intpexec shbinexec javaexec

513 #
514 #      Scheduling Class Modules (/kernel/sched):
515 #
516 SCHED_KMODS    += IA RT TS RT_DPTBL TS_DPTBL FSS FX FX_DPTBL SDC

518 #
519 #      File System Modules (/kernel/fs):

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```

520 #
521 FS_KMODS      += autofs cachefs ctfs dcfs dev devfs fdfs fifofs hsfs lofs
522 FS_KMODS      += mntfs namefs nfs objfs zfs zut
523 FS_KMODS      += pcfs procfs sockfs specfs tmpfs udfs ufs sharefs
524 FS_KMODS      += smbfs

526 #
527 #           Streams Modules (/kernel/strmod):
528 #
529 STRMOD_KMODS   += bufmod connld dedump ldterm pckd pfmod pipemod
530 STRMOD_KMODS   += ptem redirmod rpcmod rlmmod telmod timod
531 STRMOD_KMODS   += sppedasyn sppedcomp
532 STRMOD_KMODS   += tirdwr ttcompat
533 STRMOD_KMODS   += usbkbm
534 STRMOD_KMODS   += usbms
535 STRMOD_KMODS   += usbwcm
536 STRMOD_KMODS   += usb_ah
537 STRMOD_KMODS   += drcompat
538 STRMOD_KMODS   += cryptmod
539 STRMOD_KMODS   += vuid2ps2
540 STRMOD_KMODS   += vuid3ps2
541 STRMOD_KMODS   += vuidm3p
542 STRMOD_KMODS   += vuidm4p
543 STRMOD_KMODS   += vuidm5p

545 #
546 #           'System' Modules (/kernel/sys):
547 #
548 SYS_KMODS      += c2audit
549 SYS_KMODS      += doorfs
550 SYS_KMODS      += exacctsys
551 SYS_KMODS      += inst_sync
552 SYS_KMODS      += kaio
553 SYS_KMODS      += msgsys
554 SYS_KMODS      += pipe
555 SYS_KMODS      += portfs
556 SYS_KMODS      += pset
557 SYS_KMODS      += semsys
558 SYS_KMODS      += shmsys
559 SYS_KMODS      += sysacct
560 SYS_KMODS      += acctctl

562 #
563 #           'Misc' Modules (/kernel/misc)
564 #           MISC_KMODS are built both 32-bit and 64-bit
565 #           MISC_KMODS_32 are built only 32-bit
566 #           MISC_KMODS_64 are built only 64-bit
567 #
568 MISC_KMODS     += ac97
569 MISC_KMODS     += acpica
570 MISC_KMODS     += agpmaster
571 MISC_KMODS     += bignum
572 MISC_KMODS     += bootdev
573 MISC_KMODS     += busra
574 MISC_KMODS     += cmlb
575 MISC_KMODS     += consconfig
576 MISC_KMODS     += ctf
577 MISC_KMODS     += dadk
578 MISC_KMODS     += dcopy
579 MISC_KMODS     += dls
580 MISC_KMODS     += drm
581 MISC_KMODS     += fssnap_if
582 MISC_KMODS     += gda
583 MISC_KMODS     += gld
584 MISC_KMODS     += hidparser
585 MISC_KMODS     += hook

```

```

586 MISC_KMODS     += hpcsvc
587 MISC_KMODS     += ibcm
588 MISC_KMODS     += ibdm
589 MISC_KMODS     += ibdma
590 MISC_KMODS     += ibmf
591 MISC_KMODS     += ibtl
592 MISC_KMODS     += idm
593 MISC_KMODS     += idmap
594 MISC_KMODS     += icmmulib
595 MISC_KMODS     += ipc
596 MISC_KMODS     += kbtrans
597 MISC_KMODS     += kcf
598 MISC_KMODS     += kgssapi
599 MISC_KMODS     += kmecch_dummy
600 MISC_KMODS     += kmecch_krb5
601 MISC_KMODS     += ksocket
602 MISC_KMODS     += mac
603 MISC_KMODS     += mii
604 MISC_KMODS     += mwlfw
605 MISC_KMODS     += net80211
606 MISC_KMODS     += nfs_dlboot
607 MISC_KMODS     += nfssrv
608 MISC_KMODS     += neti
609 MISC_KMODS     += pci_autoconfig
610 MISC_KMODS     += pcicfg
611 MISC_KMODS     += pcihp
612 MISC_KMODS     += pcmcia
613 MISC_KMODS     += rpcsec
614 MISC_KMODS     += rpcsec_gss
615 MISC_KMODS     += rsmops
616 MISC_KMODS     += sata
617 MISC_KMODS     += scsi
618 MISC_KMODS     += sda
619 MISC_KMODS     += sol_ofs
620 MISC_KMODS     += spuni
621 MISC_KMODS     += strategy
622 MISC_KMODS     += strplumb
623 MISC_KMODS     += tem
624 MISC_KMODS     += tlimod
625 MISC_KMODS     += usba_usb10_usb49_fw
626 MISC_KMODS     += scsi_vhci_f_sym_hds
627 MISC_KMODS     += scsi_vhci_f_sym
628 MISC_KMODS     += scsi_vhci_f_tpgs
629 MISC_KMODS     += scsi_vhci_f_asym_sun
630 MISC_KMODS     += scsi_vhci_f_tape
631 MISC_KMODS     += scsi_vhci_f_tpgs_tape
632 MISC_KMODS     += fctl
633 MISC_KMODS     += emlxs_fw
634 MISC_KMODS     += qlc_fw_2200
635 MISC_KMODS     += qlc_fw_2300
636 MISC_KMODS     += qlc_fw_2400
637 MISC_KMODS     += qlc_fw_2500
638 MISC_KMODS     += qlc_fw_6322
639 MISC_KMODS     += qlc_fw_8100
640 MISC_KMODS     += hwa1480_fw
641 MISC_KMODS     += uathfw
642 MISC_KMODS     += uwba

644 MISC_KMODS     += klmmod klmops

646 #
647 #           Software Cryptographic Providers (/kernel/crypto):
648 #
649 CRYPTO_KMODS   += aes
650 CRYPTO_KMODS   += arcfour
651 CRYPTO_KMODS   += blowfish

```

```

652 CRYPTO_KMODS += des
653 CRYPTO_KMODS += ecc
654 CRYPTO_KMODS += md4
655 CRYPTO_KMODS += md5
656 CRYPTO_KMODS += rsa
657 CRYPTO_KMODS += sha1
658 CRYPTO_KMODS += sha2
659 CRYPTO_KMODS += swrand

661 #
662 #     IP Policy Modules (/kernel/ipp)
663 #
664 IPP_KMODS      += dlcsmk
665 IPP_KMODS      += flowacct
666 IPP_KMODS      += ipgpc
667 IPP_KMODS      += dsccmk
668 IPP_KMODS      += tokenmt
669 IPP_KMODS      += tswtclmt

671 #
672 #     generic-unix module (/kernel/genunix):
673 #
674 GENUNIX_KMODS  += genunix

676 #
677 #     Modules eXcluded from the product:
678 #

680 #
681 #     'Dacf' Modules (/kernel/dacf):
682 #

684 #
685 #     Performance Counter BackEnd modules (/usr/kernel/pcbe)
686 #
687 PCBE_KMODS     += pl23_pcbe p4_pcbe opteron_pcbe core_pcbe

689 #
690 #     MAC-Type Plugin Modules (/kernel/mac)
691 #
692 MAC_KMODS      += mac_6to4
693 MAC_KMODS      += mac_ether
694 MAC_KMODS      += mac_ipv4
695 MAC_KMODS      += mac_ipv6
696 MAC_KMODS      += mac_wifi
697 MAC_KMODS      += mac_ib

699 #
700 #     socketmod (kernel/socketmod)
701 #
702 SOCKET_KMODS   += sockpfp
703 SOCKET_KMODS   += socksctp
704 SOCKET_KMODS   += socksdp
705 SOCKET_KMODS   += sockrds
706 SOCKET_KMODS   += ksslf

708 #
709 #     kiconv modules (/kernel/kiconv):
710 #
711 KICONV_KMODS   += kiconv_emea kiconv_ja kiconv_ko kiconv_sc kiconv_tc

713 #
714 #     'Dacf' Modules (/kernel/dacf):
715 #
716 DACF_KMODS     += net_dacf
27 include $(UTSBASE)/intel/Makefile.intel.shared

```

```

718 #
719 # Ensure that the variable member of the cpu_t (cpu_m) is defined
720 # for the lint builds so as not to cause lint errors during the
721 # global cross check.
722 #
723 LINTFLAGS      += -D_MACHDEP -I$(UTSBASE)/i86pc

```

new/usr/src/uts/intel/Makefile.targ

1

```
*****
1343 Sat Dec 14 21:34:59 2013
new/usr/src/uts/intel/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
*****
```

```
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
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7 # (the "License"). You may not use this file except in compliance
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17 # If applicable, add the following below this CDDL HEADER, with the
18 # fields enclosed by brackets "[]" replaced with your own identifying
19 # information: Portions Copyright [yyyy] [name of copyright owner]
20 #
21 # CDDL HEADER END
22 #
23 #
24 # uts/intel/Makefile.targ
25 #
26 #endif /* ! codereview */
27 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
28 # Use is subject to license terms.
29 #
30 # This Makefile defines the set of all required, target containing
31 # included Makefiles for the intel "implementation architecture".
32 # ident "%Z%M% %I% %E% SMI"
33 #
34 #
35 # Targets for all implementations:
36 #
37 include $(UTSBASE)/Makefile.targ
38 UTSTREE=$(UTSBASE)
39 #
40 # Target set for intel (order is not important, as it is with the
41 # isomorphic Makefile.files set).
42 #
43 include $(UTSBASE)/intel/Makefile.rules
44 include $(UTSBASE)/common/Makefile.rules
45 include $(UTSBASE)/intel/Makefile.targ.shared
```

new/usr/src/uts/intel/kmech_krb5/req.flg

1

1258 Sat Dec 14 21:34:59 2013

new/usr/src/uts/intel/kmech_krb5/req.flg

4266 remove Makefile*.shared nonsense in uts

```
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2 #
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18 # fields enclosed by brackets "[]" replaced with your own identifying
19 # information: Portions Copyright [yyyy] [name of copyright owner]
20 #
21 # CDDL HEADER END
22 #
23 #
24 # ident "%Z%M% %I%      %E% SMI"
25 #
26 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
27 # Use is subject to license terms.
28 #
29 echo_file usr/src/uts/intel/Makefile
30 echo_file usr/src/uts/intel/Makefile.files
31 echo_file usr/src/uts/intel/Makefile.intel
32 echo_file usr/src/uts/intel/Makefile.intel.shared
32 echo_file usr/src/uts/intel/Makefile.rules
33 echo_file usr/src/uts/intel/Makefile.targ
35 echo_file usr/src/uts/intel/Makefile.targ.shared
34 echo_file usr/src/uts/common/Makefile.files
35 echo_file usr/src/uts/common/Makefile.rules
```

```

*****
13322 Sat Dec 14 21:35:00 2013
new/usr/src/uts/sparc/Makefile.sparc
4266 remove Makefile*.shared nonsense in uts
*****
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2 #endif /* ! codereview */
3 # CDDL HEADER START
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16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 # Copyright (c) 2005, 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright (c) 2013 Andrew Stormont. All rights reserved.
25 #
26 #
27 #
28 # This makefile contains the common definitions for all sparc
29 # implementation architecture independent modules.
30 #
31 #
32 #
33 # Define supported builds
34 #
35 DEF_BUILDS = $(DEF_BUILDS64)
36 ALL_BUILDS = $(ALL_BUILDS64)
37 #
38 #
39 # Everybody needs to know how to build modstubs.o and to locate unix.o.
40 # Note that unix.o must currently be selected from among the possible
41 # "implementation architectures". Note further, that unix.o is only
42 # used as an optional error check for undefines so (theoretically)
43 # any "implementation architectures" could be used. We choose sun4u
44 # because it is the reference port.
45 #
46 UNIX_DIR = $(UTSBASE)/sun4u/unix
47 GENLIB_DIR = $(UTSBASE)/sun4u/genunix
48 IPDRV_DIR = $(UTSBASE)/sparc/ip
49 MODSTUBS_DIR = $(UNIX_DIR)
50 DSF_DIR = $(UNIX_DIR)
51 LINTS_DIR = $(OBJS_DIR)
52 LINT_LIB_DIR = $(UTSBASE)/sparc/lint-libs/$(OBJS_DIR)
53 #
54 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
55 MODSTUBS_O = $(MODSTUBS_DIR)/$(OBJS_DIR)/modstubs.o
56 GENLIB = $(UTSBASE)/sun4u/lint-libs/$(OBJS_DIR)/libgenunix.so
57 #
58 LINT_LIB_32 = $(UTSBASE)/sun4u/lint-libs/$(OBJS_DIR)/llib-lunix.ln
59 GEN_LINT_LIB_32 = $(UTSBASE)/sun4u/lint-libs/$(OBJS_DIR)/llib-lgenunix.ln
60 #
61 LINT_LIB_64 = $(UTSBASE)/sun4u/lint-libs/$(OBJS_DIR)/llib-lunix.ln

```

```

62 GEN_LINT_LIB_64 = $(UTSBASE)/sun4u/lint-libs/$(OBJS_DIR)/llib-lgenunix.ln
63 #
64 LINT_LIB = $(LINT_LIB_$(CLASS))
65 GEN_LINT_LIB = $(GEN_LINT_LIB_$(CLASS))
66 #
67 LINT32_DIRS = $(LINT32_BUILDS:=$(UTSBASE)/sparc/lint-libs/%)
68 LINT32_FILES = $(LINT32_DIRS:=%/llib-l$(MODULE).ln)
69 #
70 LINT64_DIRS = $(LINT64_BUILDS:=$(UTSBASE)/sparc/lint-libs/%)
71 LINT64_FILES = $(LINT64_DIRS:=%/llib-l$(MODULE).ln)
72 #
73 #
74 # Include the makefiles which define build rule templates, the
75 # collection of files per module, and a few specific flags. Note
76 # that order is significant, just as with an include path. The
77 # first build rule template which matches the files name will be
78 # used. By including these in order from most machine dependent
79 # to most machine independent, we allow a machine dependent file
80 # to be used in preference over a machine independent version
81 # (Such as a machine specific optimization, which preserves the
82 # interfaces.)
83 #
84 include $(UTSBASE)/sparc/Makefile.files
85 include $(UTSBASE)/sparc/v9/Makefile.files
86 include $(UTSBASE)/sun/Makefile.files
87 include $(UTSBASE)/common/Makefile.files
88 #
89 #
90 # ----- TRANSITIONAL SECTION -----
91 #
92 #
93 #
94 # Not everything which *should* be a module is a module yet. The
95 # following is a list of such objects which are currently part of
96 # genunix but which might someday become kmods. This must be
97 # defined before we include Makefile.uts, or else genunix's build
98 # won't be as parallel as we might like.
99 #
100 NOT_YET_KMODS = $(OLDPTY_OBJS) $(PTY_OBJS) $(VCONS_CONF_OBJS) $(MOD_OBJS)
101 #
102 #
103 # ----- END OF TRANSITIONAL SECTION -----
104 #
105 #
106 # Include machine independent rules. Note that this does not imply
107 # that the resulting module from rules in Makefile.uts is machine
108 # independent. Only that the build rules are machine independent.
109 #
110 include $(UTSBASE)/Makefile.uts
111 #
112 # machine specific optimization, override default in Makefile.master
113 #
114 XARCH_32 = -xarch=v8
115 XARCH_64 = -m64
116 XARCH = $(XARCH_$(CLASS))
117 #
118 COPTIMIZE_32 = -xO3
119 COPTIMIZE_64 = -xO3
120 COPTIMIZE = $(COPTIMIZE_$(CLASS))
121 #
122 CCMODE = -Xa
123 #
124 CFLAGS_32 = -xcg92
125 CFLAGS_64 = -xchip=ultra $(CCABS32) $(CCREGSYM)
126 CFLAGS = $(CFLAGS_$(CLASS))

```

```

128 CFLAGS      += $(XARCH)
129 CFLAGS      += $(COPTIMIZE)
130 CFLAGS      += $(EXTRA_CFLAGS)
131 CFLAGS      += $(XAOPT)
132 CFLAGS      += $(INLINES) -D_ASM_INLINES
133 CFLAGS      += $(CCMODE)
134 CFLAGS      += $(SPACEFLAG)
135 CFLAGS      += $(CERRWARN)
136 CFLAGS      += $(CTF_FLAGS_$(CLASS))
137 CFLAGS      += $(C99MODE)
138 CFLAGS      += $(CCUNBOUND)
139 CFLAGS      += $(CCSTATICSYM)
140 CFLAGS      += $(CC32BITCALLERS)
141 CFLAGS      += $(CCNOAUTOINLINE)
142 CFLAGS      += $(IROPTFLAG)
143 CFLAGS      += $(CGLOBALSTATIC)
144 CFLAGS      += -xregs=no%float
145 CFLAGS      += -xstrconst
146 CFLAGS      += $(CSOURCEDEBUGFLAGS)
147 CFLAGS      += $(CUSERFLAGS)

149 ASFLAGS     += $(XARCH)

151 LINT_DEFS_32 =
152 LINT_DEFS_64 = -m64
153 LINT_DEFS    += $(LINT_DEFS_$(CLASS))

155 #
156 #   The following must be defined for all implementations:
157 #
158 #   MODSTUBS:      Module stubs source file.
159 #
160 MODSTUBS     = $(UTSBASE)/sparc/ml/modstubs.s

162 #
163 #   Define the actual specific platforms - obviously none.
164 #
165 MACHINE_DEFS =

167 #
168 #   Debugging level
169 #
170 #   Special knowledge of which special debugging options effect which
171 #   file is used to optimize the build if these flags are changed.
172 #endif /* ! codereview */
173 #
174 #   XXX: The above could possibly be done for more flags and files, but
175 #   is left as an experiment to the interested reader. Be forewarned,
176 #   that excessive use could lead to maintenance difficulties.
177 #
178 # Copyright 2010 Sun Microsystems, Inc. All rights reserved.
179 # Use is subject to license terms.
180 #
181 #
182 #
183 #endif /* ! codereview */

185 DEBUG_COND_OBJ32 = $(POUND_SIGN)
186 DEBUG_COND_DBG32 =
187 DEBUG_COND_OBJ64 = $(POUND_SIGN)
188 DEBUG_COND_DBG64 =
189 IF_DEBUG_OBJ     = $(DEBUG_COND_$(BUILD_TYPE))$(OBJS_DIR)/
4 UTSTREE=$(UTSBASE)

```

```

191 $(IF_DEBUG_OBJ)syscall.o := DEBUG_DEFS += -DSYSCALLTRACE
192 $(IF_DEBUG_OBJ)clock.o  := DEBUG_DEFS += -DKSLICE=1

194 # Comment these out if you don't want dispatcher lock statistics.

196 # $(IF_DEBUG_OBJ)disp_lock.o := DEBUG_DEFS += -DDISP_LOCK_STATS

198 #
199 #   Collect the preprocessor definitions to be associated with *all*
200 #   files.
201 #
202 ALL_DEFS = $(MACHINE_DEFS) $(DEBUG_DEFS) $(OPTION_DEFS)
203 #
204 #
205 #   The kernels modules which are "implementation architecture"
206 #   specific for this machine are enumerated below. Note that most
207 #   of these modules must exist (in one form or another) for each
208 #   architecture.
209 #
210 #   Common Drivers (usually pseudo drivers) (/kernel/drv):
211 #
212 DRV_KMODS += aggr arp audio bl blkdev bofi clone cn conskbd consms cpuid
213 DRV_KMODS += crypto cryptoadm devinfo dump
214 DRV_KMODS += dtrace fasttrap fbt lockstat profile sdt systrace dcpc
215 DRV_KMODS += fssnap icmp icmp6 ip ip6 ipnet ipsecah
216 DRV_KMODS += ipsecap iptun iwscn keysock kmdb kstat ksyms llcl
217 DRV_KMODS += lofi
218 DRV_KMODS += log logindmux kssl mm nca physmem pm poll pool
219 DRV_KMODS += pseudo ptc ptm pts ptsl ramdisk random rsm rts sad
220 DRV_KMODS += simnet softmac sPPP sPPPtun sy sysevent sysmsg
221 DRV_KMODS += spdsock
222 DRV_KMODS += tcp tcp6 tl tn timer ttymux udp udp6 wc winlock zcons
223 DRV_KMODS += ippctl
224 DRV_KMODS += dld
225 DRV_KMODS += ipf
226 DRV_KMODS += rpcib
227 DRV_KMODS += dlpi2sub
228 DRV_KMODS += vnic
229 DRV_KMODS += xge
230 DRV_KMODS += rds
231 DRV_KMODS += rds3
232 DRV_KMODS += chxge
233 DRV_KMODS += smpsrvc
234 DRV_KMODS += vscan
235 DRV_KMODS += nsmb
236 DRV_KMODS += fm
237 DRV_KMODS += nulldriver
238 DRV_KMODS += bridge trill
239 DRV_KMODS += bpf
240 DRV_KMODS += dca

242 #
243 #   Hardware Drivers in common space
244 #

246 DRV_KMODS += afe
247 DRV_KMODS += audio1575
248 DRV_KMODS += audioens
249 DRV_KMODS += audiols
250 DRV_KMODS += audiopl6x
251 DRV_KMODS += audiopci
252 DRV_KMODS += audiotls
253 DRV_KMODS += e1000g
254 DRV_KMODS += efe
255 DRV_KMODS += hxge
256 DRV_KMODS += mxfe

```

```

257 DRV_KMODS      += rge
258 DRV_KMODS      += rtls
259 DRV_KMODS      += sfe
260 DRV_KMODS      += aac
261 DRV_KMODS      += igb
262 DRV_KMODS      += ixgbe
263 DRV_KMODS      += vr
264 DRV_KMODS      += mr_sas
265 DRV_KMODS      += yge

267 #
268 #      Machine Specific Driver Modules (/kernel/drv):
269 #
270 DRV_KMODS      += audiocs
271 DRV_KMODS      += bge dmfe eri fas hme qfe
272 DRV_KMODS      += openepr options sd ses st
273 DRV_KMODS      += ssd
274 DRV_KMODS      += ecpp
275 DRV_KMODS      += hid hubd ehci ohci uhci usb_mid usb_ia scsa2usb usbprn ugen
276 DRV_KMODS      += usbser usbsacm usbsksp usbsprl
277 DRV_KMODS      += usb_as usb_ac
278 DRV_KMODS      += usbskel
279 DRV_KMODS      += usbvc
280 DRV_KMODS      += usbftdi
281 DRV_KMODS      += wusb_df hwahc hwarc wusb_ca
282 DRV_KMODS      += usbecm
283 DRV_KMODS      += hci1394 avl1394 scsa1394 dcaml1394
284 DRV_KMODS      += sbp2
285 DRV_KMODS      += ib ibp eibnx eoib rdsib sdp iser daplt hermon tavor sol_ucma
286 DRV_KMODS      += sol_umad
287 DRV_KMODS      += pci_pci pcieb pcieb_bcm
288 DRV_KMODS      += i8042 kb8042 mouse8042
289 DRV_KMODS      += fcode
290 DRV_KMODS      += mpt_sas
291 DRV_KMODS      += social
292 DRV_KMODS      += sgen
293 DRV_KMODS      += myri10ge
294 DRV_KMODS      += smp
295 DRV_KMODS      += dad
296 DRV_KMODS      += scsi_vhci
297 DRV_KMODS      += fcp
298 DRV_KMODS      += fcip
299 DRV_KMODS      += fcsn
300 DRV_KMODS      += fp
301 DRV_KMODS      += qlc
302 DRV_KMODS      += qlge
303 DRV_KMODS      += stmf
304 DRV_KMODS      += stmf_sbd
305 DRV_KMODS      += fct
306 DRV_KMODS      += fcoe
307 DRV_KMODS      += fcoet
308 DRV_KMODS      += fcoei
309 DRV_KMODS      += qlt
310 DRV_KMODS      += iscsit
311 DRV_KMODS      += pppt
312 DRV_KMODS      += ncall nsctl sdbc nskern sv
313 DRV_KMODS      += ii rdc rdcsrv rdcstub
314 DRV_KMODS      += iscsi
315 DRV_KMODS      += emlxs
316 DRV_KMODS      += oce
317 DRV_KMODS      += srpt
318 DRV_KMODS      += pmcs
319 DRV_KMODS      += pmcs8001fw

321 #
322 #      I/O framework test drivers

```

```

323 #
324 DRV_KMODS      += pshot
325 DRV_KMODS      += gen_drv
326 DRV_KMODS      += tvhci tphci tclient
327 DRV_KMODS      += emul64

329 #
330 #      PCMCIA specific module(s)
331 #
332 DRV_KMODS      += pcs
333 MISC_KMODS     += busra cardbus dada pcmcia
334 DRV_KMODS      += pcic

336 # Add lvm
337 #
338 DRV_KMODS      += md
339 MISC_KMODS     += md_mirror md_stripe md_hotspares md_raid md_trans md_notify
340 MISC_KMODS     += md_sp

342 #
343 #      Exec Class Modules (/kernel/exec):
344 #
345 EXEC_KMODS     += aoutexec elfexec intpexec shbinexec javaexec

347 #
348 #      Scheduling Class Modules (/kernel/sched):
349 #
350 SCHED_KMODS    += RT TS RT_DPTBL TS_DPTBL IA FSS FX FX_DPTBL SDC

352 #
353 #      File System Modules (/kernel/fs):
354 #
355 FS_KMODS       += dev devfs fdfs fifofs hsfhs lofs namefs nfs pcfs tmpfs zfs
356 FS_KMODS       += zut specfs udfs ufs autofs cachefs procfs sockfs mntfs
357 FS_KMODS       += ctfs objfs sharefs dcfs smbfs

359 #
360 #      Streams Modules (/kernel/strmod):
361 #
362 STRMOD_KMODS   += bufmod connld dedump ldterm ms pckt pfmod
363 STRMOD_KMODS   += pipemod ptem redirmod rpcmod rlmod telmod timod
364 STRMOD_KMODS   += sppedasyn sppedcomp
365 STRMOD_KMODS   += tirdwr ttcompat
366 STRMOD_KMODS   += usbbkm usbms usbwcm usb_ah
367 STRMOD_KMODS   += drcompat
368 STRMOD_KMODS   += cryptmod
369 STRMOD_KMODS   += vuid3ps2

371 #
372 #      'System' Modules (/kernel/sys):
373 #
374 SYS_KMODS      += c2audit
375 SYS_KMODS      += exacctsys
376 SYS_KMODS      += inst_sync kaio msgsys semsys shmsys sysacct pipe
377 SYS_KMODS      += doorfs pset acctctl portfs

379 #
380 #      'User' Modules (/kernel/misc):
381 #
382 MISC_KMODS     += ac97
383 MISC_KMODS     += bignum
384 MISC_KMODS     += consconfig gld ipc nfs_dlboot nfssrv scsi
385 MISC_KMODS     += strplumb swapgeneric tlimod
386 MISC_KMODS     += rpcsec rpcsec_gss kgssapi kmecch_dummy
387 MISC_KMODS     += kmecch_krb5
388 MISC_KMODS     += fssnap_if

```



```

389 MISC_KMODS += hidparser kbtrans usba usbal0 usbs49_fw
390 MISC_KMODS += s1394
391 MISC_KMODS += hpcsvc pcihp
392 MISC_KMODS += rsmops
393 MISC_KMODS += kcf
394 MISC_KMODS += ksocket
395 MISC_KMODS += ibcm
396 MISC_KMODS += ibdm
397 MISC_KMODS += ibdma
398 MISC_KMODS += ibmf
399 MISC_KMODS += ibtl
400 MISC_KMODS += sol_ofs
401 MISC_KMODS += idm
402 MISC_KMODS += idmap
403 MISC_KMODS += hook
404 MISC_KMODS += neti
405 MISC_KMODS += ctf
406 MISC_KMODS += mac dls
407 MISC_KMODS += cmlb
408 MISC_KMODS += tem
409 MISC_KMODS += pcicfg fcodem fcpci
410 MISC_KMODS += scsi_vhci_f_sym scsi_vhci_f_tpgs scsi_vhci_f_asym_sun
411 MISC_KMODS += scsi_vhci_f_sym_hds
412 MISC_KMODS += scsi_vhci_f_tape scsi_vhci_f_tpgs_tape
413 MISC_KMODS += fctl
414 MISC_KMODS += emlxs_fw
415 MISC_KMODS += qlc_fw_2200
416 MISC_KMODS += qlc_fw_2300
417 MISC_KMODS += qlc_fw_2400
418 MISC_KMODS += qlc_fw_2500
419 MISC_KMODS += qlc_fw_6322
420 MISC_KMODS += qlc_fw_8100
421 MISC_KMODS += spuni
422 MISC_KMODS += hwa1480_fw uwba
423 MISC_KMODS += mii

425 MISC_KMODS += klmmod klmops

427 #
428 # Software Cryptographic Providers (/kernel/crypto):
429 #
430 CRYPTO_KMODS += aes
431 CRYPTO_KMODS += arcfour
432 CRYPTO_KMODS += blowfish
433 CRYPTO_KMODS += des
434 CRYPTO_KMODS += md4
435 CRYPTO_KMODS += md5
436 CRYPTO_KMODS += ecc
437 CRYPTO_KMODS += rsa
438 CRYPTO_KMODS += sha1
439 CRYPTO_KMODS += sha2
440 CRYPTO_KMODS += swrand

442 #
443 # IP Policy Modules (/kernel/ipp):
444 #
445 IPP_KMODS += dlcosmk
446 IPP_KMODS += flowacct
447 IPP_KMODS += ipgpc
448 IPP_KMODS += dscpmk
449 IPP_KMODS += tokenmt
450 IPP_KMODS += tswtclmt

452 #
453 # 'Dacf' modules (/kernel/dacf)
454 DACF_KMODS += consconfig_dacf

```

```

456 #
457 # SVVS Testing Modules (/kernel/strmod):
458 #
459 # These are streams and driver modules which are not to be
460 # delivered with a released system. However, during development
461 # it is convenient to build and install the SVVS kernel modules.
462 #
463 SVVS_KMODS += lmodb lmode lmodr lmodt svvslo tidg tivc tmux

465 #
466 # Modules eXcluded from the product:
467 #
468 XMODS +=

470 #
471 # 'Dacf' Modules (/kernel/dacf):
472 #
473 DACF_KMODS += net_dacf

475 #
476 # MAC-Type Plugin Modules (/kernel/mac)
477 #
478 MAC_KMODS += mac_6to4
479 MAC_KMODS += mac_ether
480 MAC_KMODS += mac_ipv4
481 MAC_KMODS += mac_ipv6
482 MAC_KMODS += mac_wifi
483 MAC_KMODS += mac_ib

485 #
486 # socketmod (kernel/socketmod)
487 #
488 SOCKET_KMODS += sockpfp
489 SOCKET_KMODS += socksctp
490 SOCKET_KMODS += socksdp
491 SOCKET_KMODS += sockrds
492 SOCKET_KMODS += ksslf

494 #
495 # kiconv modules (/kernel/kiconv):
496 #
497 KICONV_KMODS += kiconv_emea kiconv_ja kiconv_ko kiconv_sc kiconv_tc
6 include $(UTSBASE)/sparc/Makefile.sparc.shared

499 #
500 # Ensure that the variable member of the cpu_t (cpu_m) is defined
501 # for the lint builds so as not to cause lint errors during the
502 # global cross check.
503 #
504 $(LINTFLAGSSUPPRESS)LINTFLAGS += -D_MACHDEP -I$(UTSBASE)/sun4 \
505 -I$(UTSBASE)/sun4u -I$(UTSBASE)/sfmmu

```

new/usr/src/uts/sparc/Makefile.targ

1

```
*****
1458 Sat Dec 14 21:35:00 2013
new/usr/src/uts/sparc/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
*****
```

```
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2 #endif /* ! codereview */
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20 #
21 # CDDL HEADER END
22 #
23 #
24 #endif /* ! codereview */
25 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
26 # Use is subject to license terms.
27 #
28 # This Makefile defines the set of all required, target containing
29 # included Makefiles for the sparc architecture.
30 # ident "%Z%M% %I% %E% SMI"
```

```
32 #
33 # Targets for all implementations:
34 #
35 include $(UTSBASE)/Makefile.targ
36 UTSTREE=$(UTSBASE)
```

```
37 #
38 # Target set for sparc (order is not important, as it is with the
39 # isomorphic Makefile.files set).
40 #
41 include $(UTSBASE)/sparc/Makefile.rules
42 include $(UTSBASE)/sparc/v9/Makefile.rules
43 include $(UTSBASE)/sun/Makefile.rules
44 include $(UTSBASE)/common/Makefile.rules
45 include $(UTSBASE)/sun4u/Makefile.rules
46 include $(UTSBASE)/sun4/Makefile.rules
47 include $(UTSBASE)/sparc/Makefile.targ.shared
```

new/usr/src/uts/sparc/kmech_krb5/req.flg

1

1258 Sat Dec 14 21:35:00 2013

new/usr/src/uts/sparc/kmech_krb5/req.flg

4266 remove Makefile*.shared nonsense in uts

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20 #
21 # CDDL HEADER END
22 #
23 #
24 # ident "%Z%M% %I% %E% SMI"
25 #
26 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
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28 #
29 echo_file usr/src/uts/sparc/Makefile
30 echo_file usr/src/uts/sparc/Makefile.files
31 echo_file usr/src/uts/sparc/Makefile.sparc
32 echo_file usr/src/uts/sparc/Makefile.sparc.shared
32 echo_file usr/src/uts/sparc/Makefile.rules
33 echo_file usr/src/uts/sparc/Makefile.targ
35 echo_file usr/src/uts/sparc/Makefile.targ.shared
34 echo_file usr/src/uts/common/Makefile.files
35 echo_file usr/src/uts/common/Makefile.rules
```

new/usr/src/uts/sparc/req.flg

1

1468 Sat Dec 14 21:35:00 2013

new/usr/src/uts/sparc/req.flg

4266 remove Makefile*.shared nonsense in uts

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23 #
24 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
25 # Use is subject to license terms.
26 #
27 #ident "%Z%M% %I% %E% SMI"
28 #
30 echo_file usr/src/uts/sparc/Makefile
31 echo_file usr/src/uts/sparc/Makefile.files
32 echo_file usr/src/uts/sparc/Makefile.rules
33 echo_file usr/src/uts/sparc/Makefile.sparc
34 echo_file usr/src/uts/sparc/Makefile.sparc.shared
34 echo_file usr/src/uts/sparc/Makefile.targ
36 echo_file usr/src/uts/sparc/Makefile.targ.shared
36 echo_file usr/src/uts/sun/Makefile.files
37 echo_file usr/src/uts/sun/Makefile.rules
39 echo_file usr/src/uts/common/Makefile.files
40 echo_file usr/src/uts/common/Makefile.rules
42 # uts/Makefile.targ (version 1.17) says "All C objects depend on
43 # inline files".
44 echo_file usr/src/uts/sparc/ml/sparc.il
```

new/usr/src/uts/sun/io/scsi/inc.flg

1

```
*****
2795 Sat Dec 14 21:35:00 2013
new/usr/src/uts/sun/io/scsi/inc.flg
4266 remove Makefile*.shared nonsense in uts
*****
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22 #
23 #
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26 #
27 # This file brings down all that is needed to build just
28 # SCSI Subsystem.
29 #

31 find_files "s.*" \
32     usr/src/uts/common/io/warlock \
33     usr/src/uts/common/io/scsi \
34     usr/src/uts/common/sys \
35     usr/src/uts/sparc/dada \
36     usr/src/uts/sparc/fas \
37     usr/src/uts/sparc/scsi \
38     usr/src/uts/sparc/sd \
39     usr/src/uts/sparc/ses \
40     usr/src/uts/sparc/ssd \
41     usr/src/uts/sparc/st \
42     usr/src/uts/sparc/warlock \
43     usr/src/uts/sun/io/dada \
44     usr/src/uts/sun/sys/dada \
45     usr/src/uts/sun/sys/scsi

47 find_files "s.*.h" \
48     usr/src/uts/sparc/sys \
49     usr/src/uts/sparc/v7 \
50     usr/src/uts/sparc/v9

52 echo_file usr/src/uts/sparc/os/driver_classes
53 echo_file usr/src/uts/sparc/os/driver_aliases
54 echo_file usr/src/uts/sparc/os/name_to_major

56 echo_file usr/src/Makefile.master
57 echo_file usr/src/Makefile.master.64
58 echo_file usr/src/req.flg
59 echo_file usr/src/Makefile.psm
60 echo_file usr/src/Makefile.psm.targ
61 echo_file usr/src/uts/Makefile
```

new/usr/src/uts/sun/io/scsi/inc.flg

2

```
62 echo_file usr/src/uts/Makefile.targ
63 echo_file usr/src/uts/Makefile.uts
64 echo_file usr/src/uts/common/Makefile.files
65 echo_file usr/src/uts/common/Makefile.rules
66 echo_file usr/src/uts/common/vm/as.h
67 echo_file usr/src/uts/common/vm/faultcode.h
68 echo_file usr/src/uts/common/vm/hat.h
69 echo_file usr/src/uts/common/vm/page.h
70 echo_file usr/src/uts/common/vm/seg.h
71 echo_file usr/src/uts/common/vm/seg_enum.h
72 echo_file usr/src/uts/req.flg
73 echo_file usr/src/uts/sparc/Makefile
74 echo_file usr/src/uts/sparc/Makefile.files
75 echo_file usr/src/uts/sparc/Makefile.rules
76 echo_file usr/src/uts/sparc/Makefile.sparc
77 echo_file usr/src/uts/sparc/Makefile.sparc.shared
78 echo_file usr/src/uts/sparc/Makefile.targ
79 echo_file usr/src/uts/sparc/Makefile.targ.shared
80 echo_file usr/src/uts/sparc/ml/sparc.il
81 echo_file usr/src/uts/sparc/req.flg
82 echo_file usr/src/uts/sun/Makefile.files
83 echo_file usr/src/uts/sun/Makefile.rules
84 echo_file usr/src/uts/sun/sys/obpdefs.h
85 echo_file usr/src/uts/sun/sys/promif.h
86 echo_file usr/src/uts/sun/sys/socalreg.h
87 echo_file usr/src/uts/sun/sys/socalio.h
```

new/usr/src/uts/sun4u/Makefile.sun4u

1

13404 Sat Dec 14 21:35:00 2013

new/usr/src/uts/sun4u/Makefile.sun4u

4266 remove Makefile*.shared nonsense in uts

```
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2 #endif /* ! codereview */
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26 # Copyright (c) 2013 Andrew Stormont. All rights reserved.
27 #
28 # This makefile contains the common definitions for the sun4u unix
29 # and all sun4u implementation architecture dependent modules.
30 #
32 #
33 # Machine type (implementation architecture):
34 #
35 PLATFORM = sun4u
36 PROMIF = ieeel275
37 PSMBASE = $(UTSBASE)/../psm
39 #
40 # uname -m value
41 #
42 UNAME_M = $(PLATFORM)
44 #
45 # Definitions for the platform-specific /platform directories.
46 #
47 # PLATFORMS designates those sun4u machines which have no platform
48 # specific code.
49 #
50 # IMPLEMENTATIONS is used to designate sun4u machines which do have
51 # platform specific modules (perhaps including their own unix). All
52 # code specific to a given implementation resides in the appropriately
53 # named subdirectory. This requires these platforms to have their
54 # own Makefiles to define ROOT_PLAT_DIRS, USR_PLAT_DIRS, etc.
55 #
56 # So if we had an implementation named 'foo', we would need the following
57 # Makefiles in the foo subdirectory:
```

new/usr/src/uts/sun4u/Makefile.sun4u

2

```
58 #
59 # sun4u/foo/Makefile
60 # sun4u/foo/Makefile.foo
61 # sun4u/foo/Makefile.targ
62 #
64 #endif /* ! codereview */
65 #
66 # /usr/platform/$(IMPLEMENTED_PLATFORM) is created as a directory that
67 # all the $(LINKED_PLATFORMS) link to.
20 # ident "%Z%M% %I% %E% SMI"
68 #
69 IMPLEMENTED_PLATFORM = SUNW,Ultra-2
71 LINKED_PLATFORMS += SUNW,Ultra-30
72 LINKED_PLATFORMS += SUNW,Ultra-60
74 #
75 # all PLATFORMS that do not belong in the $(IMPLEMENTATIONS) list
76 # ie. all desktop platforms
77 #
78 PLATFORMS = $(IMPLEMENTED_PLATFORM)
79 PLATFORMS += $(LINKED_PLATFORMS)
81 ROOT_PLAT_DIRS = $(PLATFORMS:%=$(ROOT_PLAT_DIR)/%)
82 USR_PLAT_DIRS = $(PLATFORMS:%=$(USR_PLAT_DIR)/%)
84 USR_DESKTOP_DIR = $(USR_PLAT_DIR)/$(IMPLEMENTED_PLATFORM)
85 USR_DESKTOP_INC_DIR = $(USR_DESKTOP_DIR)/include
86 USR_DESKTOP_SBIN_DIR = $(USR_DESKTOP_DIR)/sbin
87 USR_DESKTOP_LIB_DIR = $(USR_DESKTOP_DIR)/lib
89 #
90 # Welcome to SPARC V9.
91 #
93 #
94 # Define supported builds
95 #
96 DEF_BUILDS = $(DEF_BUILDS64)
97 ALL_BUILDS = $(ALL_BUILDS64)
99 #
100 # Everybody needs to know how to build modstubs.o and to locate unix.o
101 #
102 UNIX_DIR = $(UTSBASE)/$(PLATFORM)/unix
103 GENLIB_DIR = $(UTSBASE)/$(PLATFORM)/genunix
104 MODSTUBS_DIR = $(UNIX_DIR)
105 DSF_DIR = $(UTSBASE)/$(PLATFORM)/genassym
106 LINTS_DIR = $(OBJS_DIR)
107 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/lint-libs/$(OBJS_DIR)
108
109 DTRACESTUBS_O = $(OBJS_DIR)/dtracestubs.o
110 DTRACESTUBS = $(OBJS_DIR)/libdtracestubs.so
112 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
113 MODSTUBS_O = $(MODSTUBS_DIR)/$(OBJS_DIR)/modstubs.o
114 GENLIB = $(GENLIB_DIR)/$(OBJS_DIR)/libgenunix.so
116 LINT_LIB = $(LINT_LIB_DIR)/llib-lunix.ln
117 GEN_LINT_LIB = $(LINT_LIB_DIR)/llib-lgenunix.ln
118 #endif /* ! codereview */
120 LINT64_DIRS = $(LINT64_BUILDS:%=$(UTSBASE)/$(PLATFORM)/lint-libs/%)
121 LINT64_FILES = $(LINT64_DIRS:%=/llib-l$(MODULE).ln)
22 UTSTREE=$(UTSBASE)
```

```

123 #
124 #      cpu and platform modules need to know how to build their own symcheck mo
125 #
126 PLATMOD      = platmod
127 PLATLIB      = $(PLAT_DIR)/$(OBJS_DIR)/libplatmod.so
128 #
129 CPUNAME      = cpu
130 CPULIB       = $(CPU_DIR)/$(OBJS_DIR)/libcpu.so
131 #
132 SYM_MOD      = $(OBJS_DIR)/unix.sym
133 #
134 #
135 #      Include the makefiles which define build rule templates, the
136 #      collection of files per module, and a few specific flags. Note
137 #      that order is significant, just as with an include path. The
138 #      first build rule template which matches the files name will be
139 #      used. By including these in order from most machine dependent
140 #      to most machine independent, we allow a machine dependent file
141 #      to be used in preference over a machine independent version
142 #      (Such as a machine specific optimization, which preserves the
143 #      interfaces.)
144 #
145 include $(UTSBASE)/sun4/Makefile.files
146 include $(UTSBASE)/$(PLATFORM)/Makefile.files
147 include $(UTSBASE)/sfmmu/Makefile.files
148 include $(UTSBASE)/sparc/v9/Makefile.files
149 include $(UTSBASE)/sparc/Makefile.files
150 include $(UTSBASE)/sun/Makefile.files
151 include $(SRC)/psm/promif/$(PROMIF)/common/Makefile.files
152 include $(SRC)/psm/promif/$(PROMIF)/$(PLATFORM)/Makefile.files
153 include $(UTSBASE)/common/Makefile.files
154 #
155 #
156 #      Include machine independent rules. Note that this does not imply
157 #      that the resulting module from rules in Makefile.uts is machine
158 #      independent. Only that the build rules are machine independent.
159 #
160 include $(UTSBASE)/Makefile.uts
161 #
162 # These come after Makefile.uts.
163 IMPLEMENTATIONS = tazmo
164 IMPLEMENTATIONS += starfire
165 IMPLEMENTATIONS += javelin
166 IMPLEMENTATIONS += darwin
167 IMPLEMENTATIONS += quasar
168 IMPLEMENTATIONS += grover
169 IMPLEMENTATIONS += enchilada
170 IMPLEMENTATIONS += taco
171 IMPLEMENTATIONS += mpxu
172 IMPLEMENTATIONS += excalibur
173 IMPLEMENTATIONS += montecarlo
174 IMPLEMENTATIONS += serengeti
175 IMPLEMENTATIONS += littleneck
176 IMPLEMENTATIONS += starcat
177 IMPLEMENTATIONS += daktari
178 IMPLEMENTATIONS += cherrystone
179 IMPLEMENTATIONS += fjlite
180 IMPLEMENTATIONS += snowbird
181 IMPLEMENTATIONS += schumacher
182 IMPLEMENTATIONS += blade
183 IMPLEMENTATIONS += boston
184 IMPLEMENTATIONS += seattle
185 IMPLEMENTATIONS += chicago
186 IMPLEMENTATIONS += sunfire
187 IMPLEMENTATIONS += lw8

```

```

188 IMPLEMENTATIONS += makaha
189 IMPLEMENTATIONS += opl
190 IMPLEMENTATIONS += lw2plus
191 #
192 #
193 #      machine specific optimization, override default in Makefile.master
194 #
195 CC_XARCH      = -m64 -xarch=sparcvis
196 AS_XARCH      = -xarch=v9a
197 COPTIMIZE     = -xO3
198 CCMODE        = -Xa
199 #
200 CFLAGS        = -xchip=ultra $(CCABS32) $(CCREGSYM)
201 CFLAGS        += $(CC_XARCH)
202 CFLAGS        += $(COPTIMIZE)
203 CFLAGS        += $(EXTRA_CFLAGS)
204 CFLAGS        += $(XAOPT)
205 CFLAGS        += $(INLINES) -D_ASM_INLINES
206 CFLAGS        += $(CCMODE)
207 CFLAGS        += $(SPACEFLAG)
208 CFLAGS        += $(CERRWARN)
209 CFLAGS        += $(CTF_FLAGS_$(CLASS))
210 CFLAGS        += $(C99MODE)
211 CFLAGS        += $(CCUNBOUND)
212 CFLAGS        += $(CCNOAUTOINLINE)
213 CFLAGS        += $(CCSTATICSYM)
214 CFLAGS        += $(CC32BITCALLERS)
215 CFLAGS        += $(IROPTFLAG)
216 CFLAGS        += $(GLOBALSTATIC)
217 CFLAGS        += -xregs=no%float
218 CFLAGS        += -xstrconst
219 CFLAGS        += $(CSOURCEDEBUGFLAGS)
220 CFLAGS        += $(USERFLAGS)
221 #
222 ASFLAGS       += $(AS_XARCH)
223 #
224 AS_INC_PATH   += -I$(DSF_DIR)/$(OBJS_DIR)
225 #
226 LINT_KMODS    += $(GENUNIX_KMODS)
227 #
228 LINT_DEFS     = -m64
229 #
230 #
231 #      The following must be defined for all implementations:
232 #
233 #      MAPFILE:          ld mapfile for the build of kernel/unix.
234 #      MODSTUBS:        Module stubs source file.
235 #      GENCONST_SRC:    genconst.c
236 #      OFFSETS:         offsets.in
237 #      PLATFORM_OFFSETS: Platform specific mach_offsets.in
238 #      FDOFFSETS:       fd_offsets.in
239 #
240 MAPFILE       = $(UTSBASE)/sun4/conf/Mapfile
241 MODSTUBS      = $(UTSBASE)/sparc/ml/modstubs.s
242 GENCONST_SRC  = $(UTSBASE)/sun4/ml/genconst.c
243 OFFSETS       = $(UTSBASE)/sun4/ml/offsets.in
244 PLATFORM_OFFSETS = $(UTSBASE)/sun4u/ml/mach_offsets.in
245 FDOFFSETS     = $(UTSBASE)/sun4u/ml/fd_offsets.in
246 #
247 #
248 #      Define the actual specific platforms
249 #
250 #
251 MACHINE_DEFS  = -D$(PLATFORM) -D_MACHDEP -DSFMMU
252 #
253 #

```

```

254 # Software workarounds for hardware "features"
255 #

257 include $(UTSBASE)/$(PLATFORM)/Makefile.workarounds

259 #
260 # Debugging level
261 #
262 # Special knowledge of which special debugging options effect which
263 # file is used to optimize the build if these flags are changed.
264 #
265 # XXX: The above could possibly be done for more flags and files, but
266 # is left as an experiment to the interested reader. Be forewarned,
267 # that excessive use could lead to maintenance difficulties.
268 #
269 # Note: kslice can be enabled for the sun4u, but is disabled by default
270 # in all cases.
271 #

273 DEBUG_DEFS_OBJ64 =
274 DEBUG_DEFS_DBG64 = -DDEBUG
275 DEBUG_DEFS = $(DEBUG_DEFS_$(BUILD_TYPE))

277 DEBUG_COND_OBJ64 = $(POUND_SIGN)
278 DEBUG_COND_DBG64 =
279 IF_DEBUG_OBJ = $(DEBUG_COND_$(BUILD_TYPE))$(OBJS_DIR)/

281 $(IF_DEBUG_OBJ)trap.o := DEBUG_DEFS += -DTRAPDEBUG
282 $(IF_DEBUG_OBJ)mach_trap.o := DEBUG_DEFS += -DTRAPDEBUG
283 $(IF_DEBUG_OBJ)syscall_trap.o := DEBUG_DEFS += -DSYSCALLTRACE
284 $(IF_DEBUG_OBJ)clock.o := DEBUG_DEFS += -DKSLICE=0

286 IF_TRAPTRACE_OBJ = $(IF_DEBUG_OBJ)
287 # comment this out for a non-debug kernel with TRAPTRACE
288 #IF_TRAPTRACE_OBJ = $(OBJS_DIR)/

290 $(IF_TRAPTRACE_OBJ)mach_locore.o := DEBUG_DEFS += -DTRAPTRACE
291 $(IF_TRAPTRACE_OBJ)mlsetup.o := DEBUG_DEFS += -DTRAPTRACE
292 $(IF_TRAPTRACE_OBJ)syscall_trap.o := DEBUG_DEFS += -DTRAPTRACE
293 $(IF_TRAPTRACE_OBJ)startup.o := DEBUG_DEFS += -DTRAPTRACE
294 $(IF_TRAPTRACE_OBJ)mach_startup.o := DEBUG_DEFS += -DTRAPTRACE
295 $(IF_TRAPTRACE_OBJ)mp_startup.o := DEBUG_DEFS += -DTRAPTRACE
296 $(IF_TRAPTRACE_OBJ)cpu_states.o := DEBUG_DEFS += -DTRAPTRACE
297 $(IF_TRAPTRACE_OBJ)mach_cpu_states.o := DEBUG_DEFS += -DTRAPTRACE
298 $(IF_TRAPTRACE_OBJ)interrupt.o := DEBUG_DEFS += -DTRAPTRACE
299 $(IF_TRAPTRACE_OBJ)mach_interrupt.o := DEBUG_DEFS += -DTRAPTRACE
300 $(IF_TRAPTRACE_OBJ)sfmmu_asm.o := DEBUG_DEFS += -DTRAPTRACE
301 $(IF_TRAPTRACE_OBJ)trap_table.o := DEBUG_DEFS += -DTRAPTRACE
302 $(IF_TRAPTRACE_OBJ)xc.o := DEBUG_DEFS += -DTRAPTRACE
303 $(IF_TRAPTRACE_OBJ)mach_xc.o := DEBUG_DEFS += -DTRAPTRACE
304 $(IF_TRAPTRACE_OBJ)wbuf.o := DEBUG_DEFS += -DTRAPTRACE
305 $(IF_TRAPTRACE_OBJ)trap.o := DEBUG_DEFS += -DTRAPTRACE
306 $(IF_TRAPTRACE_OBJ)mach_trap.o := DEBUG_DEFS += -DTRAPTRACE
307 $(IF_TRAPTRACE_OBJ)x_call.o := DEBUG_DEFS += -DTRAPTRACE
308 $(IF_TRAPTRACE_OBJ)spitfire_asm.o := DEBUG_DEFS += -DTRAPTRACE
309 $(IF_TRAPTRACE_OBJ)us3_common_asm.o := DEBUG_DEFS += -DTRAPTRACE
310 $(IF_TRAPTRACE_OBJ)us3_cheetah_asm.o := DEBUG_DEFS += -DTRAPTRACE
311 $(IF_TRAPTRACE_OBJ)us3_cheetahplus_asm.o := DEBUG_DEFS += -DTRAPTRACE
312 $(IF_TRAPTRACE_OBJ)us3_jalapeno_asm.o := DEBUG_DEFS += -DTRAPTRACE
313 $(IF_TRAPTRACE_OBJ)opl_olympus_asm.o := DEBUG_DEFS += -DTRAPTRACE

315 # Comment these out if you don't want dispatcher lock statistics.

317 #$(IF_DEBUG_OBJ)lock_prim.o := DEBUG_DEFS += -DDISP_LOCK_STATS
318 #$(IF_DEBUG_OBJ)disp.o := DEBUG_DEFS += -DDISP_LOCK_STATS

```

```

320 # Comment these out if you don't want dispatcher debugging

322 #$(IF_DEBUG_OBJ)lock_prim.o := DEBUG_DEFS += -DDISP_DEBUG

324 #
325 # Collect the preprocessor definitions to be associated with *all*
326 # files.
327 #
328 ALL_DEFS = $(MACHINE_DEFS) $(WORKAROUND_DEFS) $(DEBUG_DEFS) \
329 $(OPTION_DEFS)
330 GENCONST_DEFS = $(MACHINE_DEFS) $(OPTION_DEFS)

332 #
333 # ----- TRANSITIONAL SECTION -----
334 #

336 #
337 # Not everything which *should* be a module is a module yet. The
338 # following is a list of such objects which are currently part of
339 # the base kernel but should soon become kmods.
340 #
341 MACH_NOT_YET_KMODS = $(AUTOCONF_OBJS)

343 #
344 # ----- END OF TRANSITIONAL SECTION -----
345 #

347 #
348 # The kernels modules which are "implementation architecture"
349 # specific for this machine are enumerated below. Note that most
350 # of these modules must exist (in one form or another) for each
351 # architecture.
352 #
353 # Common Drivers (usually pseudo drivers) (/kernel/drv):
354 #

356 #
357 # Machine Specific Driver Modules (/kernel/drv):
358 #
359 # XXX: How many of these are really machine specific?
360 #
361 DRV_KMODS += bbc_beep
362 DRV_KMODS += cpc
363 DRV_KMODS += fd
364 DRV_KMODS += rotnex sbusmem upa64s zs zsh
365 DRV_KMODS += sbus
366 DRV_KMODS += pcisch pcipsy simba
367 DRV_KMODS += px
368 DRV_KMODS += ebus
369 DRV_KMODS += su
370 DRV_KMODS += tod
371 DRV_KMODS += power
372 DRV_KMODS += epic
373 DRV_KMODS += grbeep
374 DRV_KMODS += pcf8584 max1617 seeprom tda8444 pca9556
375 DRV_KMODS += ics951601 adm1031
376 DRV_KMODS += lm75 ltc1427 pcf8591 pcf8574 ssc050 ssc100
377 DRV_KMODS += pic16f819
378 DRV_KMODS += pic16f747
379 DRV_KMODS += adm1026
380 DRV_KMODS += us
381 DRV_KMODS += ppm schppm jbusppm
382 DRV_KMODS += mc-us3
383 DRV_KMODS += mc-us3i
384 DRV_KMODS += sdbus
385 DRV_KMODS += db21554

```



```

386 DRV_KMODS      += gpio_87317
387 DRV_KMODS      += isadma
388 DRV_KMODS      += sbbc
389 DRV_KMODS      += pmubus
390 DRV_KMODS      += pmugpio
391 DRV_KMODS      += pmc
392 DRV_KMODS      += trapstat
393 DRV_KMODS      += rmc_comm
394 DRV_KMODS      += rmcadm
395 DRV_KMODS      += rmclomv
396 DRV_KMODS      += sf
397 DRV_KMODS      += nxge
398 DRV_KMODS      += i2bsc
399 DRV_KMODS      += mem_cache

401 #
402 #      Exec Class Modules (/kernel/exec):
403 #
404 EXEC_KMODS      +=

406 #
407 #      Scheduling Class Modules (/kernel/sched):
408 #
409 SCHED_KMODS     +=

411 #
412 #      File System Modules (/kernel/fs):
413 #
414 FS_KMODS        +=

416 #
417 #      Streams Modules (/kernel/strmod):
418 #
419 STRMOD_KMODS    += kb

421 #
422 #      'System' Modules (/kernel/sys):
423 #
424 SYS_KMODS       +=

426 #
427 #      'User' Modules (/kernel/misc):
428 #
429 MISC_KMODS      += bignum
430 MISC_KMODS      += obpsym bootdev vis cpr platmod md5 sha1 i2c_svc
431 MISC_KMODS      += sbd

433 MISC_KMODS      += opl_cfg
434 MISC_KMODS      += zuluvm
435 MISC_KMODS      += gptwo_cpu gptwocfg
436 MISC_KMODS      += pcie

438 #
439 #      Brand modules
440 #
441 BRAND_KMODS     += snl_brand s10_brand

443 #
444 #      Software Cryptographic Providers (/kernel/crypto):
445 #
446 CRYPTO_KMODS    += aes
447 CRYPTO_KMODS    += arcfour
448 CRYPTO_KMODS    += des

450 #
451 #      generic-unix module (/kernel/genunix):

```

```

452 #
453 GENUNIX_KMODS   += genunix

455 #      'User' "Modules" excluded from the Full Kernel lint target:
456 #

458 #
459 #      Modules eXcluded from the product:
460 #
461 XMODS           +=

463 #
464 #      cpu modules
465 #
466 CPU_KMODS      += cheetah cheetahplus jalapeno serrano spitfire hummingbird

468 #
469 #      sun4u 'TOD' Modules (/platform/.../kernel/tod):
470 #
471 TOD_KMODS       += todods1287 todods1337 todmostek todstarfire
472 TOD_KMODS       += todm5819 todblade todhq4802 todsg todopl
473 TOD_KMODS       += todm5819p_rmc todstarcat

475 #
476 #      Performance Counter BackEnd Modules (/usr/kernel/pcbe):
477 #
478 PCBE_KMODS      += us234_pcbe
479 PCBE_KMODS      += opl_pcbe
24 include $(UTSBASE)/sun4u/Makefile.sun4u.shared

```

new/usr/src/uts/sun4u/Makefile.targ

1

```
*****
1656 Sat Dec 14 21:35:01 2013
new/usr/src/uts/sun4u/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
*****
```

```
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23 #
24 # uts/sun4u/Makefile.targ
25 #endif /* ! codereview */
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28 #
29 # This Makefile defines the set of all required, target containing
30 # included Makefiles for the sun4u "implementation architecture".
31 # ident "%Z%M% %I% %E% SMI"
```

```
33 #
34 # Targets for all implementations:
35 #
36 include $(UTSBASE)/Makefile.targ
37 UTSTREE=$(UTSBASE)
```

```
38 #
39 # Target set for sun4u (order is not important, as it is with the
40 # isomorphic Makefile.files set).
41 #
42 include $(UTSBASE)/sun4/Makefile.rules
43 include $(UTSBASE)/sun4u/Makefile.rules
44 include $(UTSBASE)/sfmmu/Makefile.rules
45 include $(UTSBASE)/sparc/v9/Makefile.rules
46 include $(UTSBASE)/sparc/Makefile.rules
47 include $(UTSBASE)/sun/Makefile.rules
48 include $(PSMBASE)/promif/$(PROMIF)/common/Makefile.rules
49 include $(PSMBASE)/promif/$(PROMIF)/sun4u/Makefile.rules
50 include $(UTSBASE)/common/Makefile.rules
51 include $(UTSBASE)/sun4u/Makefile.targ.shared
```

```

*****
3824 Sat Dec 14 21:35:01 2013
new/usr/src/uts/sun4u/blade/Makefile.blade
4266 remove Makefile*.shared nonsense in uts
*****
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25 #
26 # Global definitions for sun4u jbos-blade implementation specific modules.
27 #
29 #
30 # Define directories.
31 #
32 ROOT_BLADE_DIR = $(ROOT_PLAT_DIR)/SUNW,Serverblade1
33 ROOT_BLADE_MOD_DIR = $(ROOT_BLADE_DIR)/kernel
34 ROOT_BLADE_MISC_DIR_32 = $(ROOT_BLADE_DIR)/kernel/misc
35 ROOT_BLADE_MISC_DIR_64 = $(ROOT_BLADE_MISC_DIR_32)/$(SUBDIR64)
36 ROOT_BLADE_KERN_DIR_32 = $(ROOT_BLADE_MOD_DIR)
37 ROOT_BLADE_KERN_DIR_64 = $(ROOT_BLADE_MOD_DIR)/$(SUBDIR64)
38 ROOT_BLADE_DRV_DIR_32 = $(ROOT_BLADE_MOD_DIR)/drv
39 ROOT_BLADE_DRV_DIR_64 = $(ROOT_BLADE_MOD_DIR)/drv/$(SUBDIR64)
41 ROOT_BLADE_KERN_DIR = $(ROOT_BLADE_KERN_DIR_$(CLASS))
42 ROOT_BLADE_DRV_DIR = $(ROOT_BLADE_DRV_DIR_$(CLASS))
43 ROOT_BLADE_MISC_DIR = $(ROOT_BLADE_MISC_DIR_$(CLASS))
45 ROOT_PLAT_MOD_DIRS += $(ROOT_BLADE_MOD_DIR)
46 ROOT_PLAT_MISC_DIRS += $(ROOT_BLADE_MISC_DIR)
49 USR_SUN4U_PLAT_DIR = $(USR_PLAT_DIR)/sun4u
50 USR_BLADE_DIR = $(USR_PLAT_DIR)/SUNW,Serverblade1
51 USR_BLADE_INC_DIR = $(USR_BLADE_DIR)/include
52 USR_BLADE_ISYS_DIR = $(USR_BLADE_INC_DIR)/sys
53 USR_BLADE_SBIN_DIR = $(USR_BLADE_DIR)/sbin
54 USR_BLADE_LIB_DIR = $(USR_BLADE_DIR)/lib
57 BLADE_LINT_LIB_DIR= $(UTSBASE)/$(PLATFORM)/blade/lint-libs/$(OBJ_S_DIR)

```

```

60 # Define Objects
61 #
62 BLADE_OBJS = blade.o
64 #
65 # Option conf file
66 BLADE_OPTION = options
68 #
69 # Include the makefiles which define build rule templates, the
70 # collection of files per module, and a few specific flags. Note
71 # that order is significant, just as with an include path. The
72 # first build rule template which matches the files name will be
73 # used. By including these in order from most machine dependent
74 # to most machine independent, we allow a machine dependent file
75 # to be used in preference over a machine independent version
76 # (Such as a machine specific optimization, which preserves the
77 # interfaces.)
78 #
80 include $(UTSBASE)/sun4u/blade/Makefile.files
82 #
83 # Include common rules.
84 #
85 include $(UTSBASE)/sun4u/Makefile.sun4u
87 #
88 # Define modules (must come after Makefile.sun4u).
21 # ident "%Z%M% %I% %E% SMI"
89 #
90 BLADE_KMODS = platmod
91 BLADE_KMODS += bsdbus
92 BLADE_KMODS += bscv
93 #endif /* ! codereview */
95 LINTS_DIR = $(OBJ_S_DIR)
96 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/blade/lint-libs/$(OBJ_S_DIR)
97 LINT_LIB= $(UTSBASE)/$(PLATFORM)/lint-libs/$(OBJ_S_DIR)/llib-lunix.ln
98 GEN_LINT_LIB= $(UTSBASE)/$(PLATFORM)/lint-libs/$(OBJ_S_DIR)/llib-lgenunix.ln
23 UTSTREE=$(UTSBASE)
101 #
102 # Define the actual specific platforms
103 #
104 MACHINE_DEFS += -D$(PLATFORM) -D_MACHDEP -DSFMMU
106 #
107 # Define for inline pre-processing since
108 # cpp not smart about v9 yet.
109 #
110 #CPP_DEFS_32 =
111 #CPP_DEFS_64 = -D_sparcv9
112 #CPP_DEFS = $(CPP_DEFS_$(CLASS))
114 #
115 # For now, disable these lint checks; maintainers should endeavor
116 # to investigate and remove these for maximum lint coverage.
117 # Please do not carry these forward to new Makefiles.
118 #
119 LINTTAGS += -erroff=E_SUSPICIOUS_COMPARISON
120 LINTTAGS += -erroff=E_BAD_PTR_CAST_ALIGN
121 LINTTAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED

```

```
122 LINTTAGS      += -erroff=E_STATIC_UNUSED
123 LINTTAGS      += -erroff=E_PTRDIFF_OVERFLOW
124 LINTTAGS      += -erroff=E_ASSIGN_NARROW_CONV
 25 include $(UTSBASE)/sun4u/blade/Makefile.blade.shared
```

```
*****
```

```
2024 Sat Dec 14 21:35:01 2013
new/usr/src/uts/sun4u/blade/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
```

```
*****
```

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26 # Use is subject to license terms.
27 #
28 # Common targets for sun4u jbos-blade implementation specific modules.
21 # ident "%Z%M% %I% %E% SMI"
29 #
```

```
31 .KEEP_STATE:
```

```
33 #
34 # Rules for implementation subdirectories.
35 #
36 $(ROOT_BLADE_DIR): $(ROOT_PLAT_DIR)
37     -$(INS.dir)
39 $(ROOT_BLADE_MOD_DIR): $(ROOT_BLADE_DIR)
40     -$(INS.dir)
42 $(ROOT_BLADE_DRV_DIR_32): $(ROOT_BLADE_MOD_DIR)
43     -$(INS.dir)
45 $(ROOT_BLADE_DRV_DIR_64): $(ROOT_BLADE_DRV_DIR_32)
46     -$(INS.dir)
48 $(ROOT_BLADE_MISC_DIR_32): $(ROOT_BLADE_MOD_DIR)
49     -$(INS.dir)
24 UTSTREE=$(UTSBASE)
51 $(ROOT_BLADE_MISC_DIR_64): $(ROOT_BLADE_MISC_DIR_32)
52     -$(INS.dir)
54 $(ROOT_BLADE_MOD_DIR)/%: $(OBJDIR)/% $(ROOT_BLADE_MOD_DIR) FRC
55     $(INS.file)
```

```
57 $(ROOT_BLADE_MISC_DIR)/%: $(OBJDIR)/% $(ROOT_BLADE_MISC_DIR) FRC
58     $(INS.file)
60 $(ROOT_BLADE_DRV_DIR)/%: $(OBJDIR)/% $(ROOT_BLADE_DRV_DIR) FRC
61     $(INS.file)
63 $(USR_BLADE_DIR): $(USR_PLAT_DIR)
64     -$(INS.dir)
66 $(USR_BLADE_INC_DIR): $(USR_BLADE_DIR)
67     -$(INS.slink4)
69 $(USR_BLADE_ISYS_DIR): $(USR_BLADE_INC_DIR)
70     -$(INS.dir)
72 $(USR_BLADE_SBIN_DIR): $(USR_BLADE_DIR)
73     $(INS.slink5)
75 $(USR_BLADE_LIB_DIR): $(USR_BLADE_DIR)
76     -$(INS.dir)
77 #
78 # Include common targets.
79 #
80 include $(UTSBASE)/sun4u/blade/Makefile.rules
81 include $(UTSBASE)/sun4u/Makefile.targ
26 include $(UTSBASE)/sun4u/blade/Makefile.targ.shared
```

```

*****
2644 Sat Dec 14 21:35:01 2013
new/usr/src/uts/sun4u/grover/Makefile.grover
4266 remove Makefile*.shared nonsense in uts
*****
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26 #
27 # Global definitions for sun4u implementation specific modules.
28 #
30 #
31 # Define directories.
21 # ident "%Z%M% %I% %E% SMI"
32 #
33 ROOT_GROVER_DIR = $(ROOT_PLAT_DIR)/SUNW,Sun-Blade-100
34 ROOT_GROVER_MOD_DIR = $(ROOT_GROVER_DIR)/kernel
36 ROOT_GROVER_MISC_DIR_32 = $(ROOT_GROVER_MOD_DIR)/misc
37 ROOT_GROVER_MISC_DIR_64 = $(ROOT_GROVER_MISC_DIR_32)/$(SUBDIR64)
38 ROOT_GROVER_DRV_DIR_32 = $(ROOT_GROVER_MOD_DIR)/drv
39 ROOT_GROVER_DRV_DIR_64 = $(ROOT_GROVER_DRV_DIR_32)/$(SUBDIR64)
40 #endif /* ! codereview */
42 ROOT_GROVER_MISC_DIR = $(ROOT_GROVER_MISC_DIR_$(CLASS))
43 ROOT_GROVER_DRV_DIR = $(ROOT_GROVER_DRV_DIR_$(CLASS))
23 UTSTREE=$(UTSBASE)
45 ROOT_PLAT_MOD_DIRS += $(ROOT_GROVER_MOD_DIR)
46 ROOT_PLAT_MISC_DIRS += $(ROOT_GROVER_MISC_DIR)
48 USR_GROVER_DIR = $(USR_PLAT_DIR)/SUNW,Sun-Blade-100
49 USR_GROVER_LINKED_DIR = $(USR_PLAT_DIR)/$(LINKED_PLATFORM)
50 USR_GROVER_INC_DIR = $(USR_GROVER_DIR)/include
51 USR_GROVER_ISYS_DIR = $(USR_GROVER_INC_DIR)/sys
52 USR_GROVER_SBIN_DIR = $(USR_GROVER_DIR)/sbin
53 USR_GROVER_LIB_DIR = $(USR_GROVER_DIR)/lib

```

```

56 GROVER_LINT_LIB_DIR= $(UTSBASE)/$(PLATFORM)/grover/lint-libs/$(OBJS_DIR)
58 #
59 # Define objects.
60 #
61 GROVER_OBJS = grover.o
63 include $(UTSBASE)/sun4u/grover/Makefile.files
65 #
66 # Include common rules.
67 #
68 include $(UTSBASE)/sun4u/Makefile.sun4u
70 #
71 # Define modules (must come after Makefile.sun4u).
72 #
73 GROVER_KMODS = platmod
74 GROVER_KMODS += grfans
76 #
77 # For now, disable these lint checks; maintainers should endeavor
78 # to investigate and remove these for maximum lint coverage.
79 # Please do not carry these forward to new Makefiles.
80 #
81 LINTTAGS += -erroff=E_SUSPICIOUS_COMPARISON
82 LINTTAGS += -erroff=E_BAD_PTR_CAST_ALIGN
83 LINTTAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
84 LINTTAGS += -erroff=E_STATIC_UNUSED
85 LINTTAGS += -erroff=E_PTRDIFF_OVERFLOW
86 LINTTAGS += -erroff=E_ASSIGN_NARROW_CONV
25 include $(UTSBASE)/sun4u/grover/Makefile.grover.shared

```

new/usr/src/uts/sun4u/grover/Makefile.targ

1

```
*****
2032 Sat Dec 14 21:35:02 2013
new/usr/src/uts/sun4u/grover/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
*****
```

```
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25 #
```

```
27 #
28 # Common targets for sun4u Grover implementation specific modules.
21 # ident "%Z%M% %I% %E% SMI"
29 #
```

```
31 .KEEP_STATE:
33 IMPLEMENTED_PLATFORM = SUNW,Sun-Blade-100
```

```
35 #
36 # Rules for implementation subdirectories.
37 #
38 $(ROOT_GROVER_DIR): $(ROOT_PLAT_DIR)
39     -$(INS.dir)
41 $(ROOT_GROVER_MOD_DIR): $(ROOT_GROVER_DIR)
42     -$(INS.dir)
44 $(ROOT_GROVER_MISC_DIR_32): $(ROOT_GROVER_MOD_DIR)
45     -$(INS.dir)
47 $(ROOT_GROVER_MISC_DIR_64): $(ROOT_GROVER_MISC_DIR_32)
48     -$(INS.dir)
24 UTSTREE=$(UTSBASE)
```

```
50 $(ROOT_GROVER_DRV_DIR_32): $(ROOT_GROVER_MOD_DIR)
51     -$(INS.dir)
53 $(ROOT_GROVER_DRV_DIR_64): $(ROOT_GROVER_DRV_DIR_32)
54     -$(INS.dir)
```

new/usr/src/uts/sun4u/grover/Makefile.targ

2

```
56 $(USR_GROVER_DIR): $(USR_PLAT_DIR)
57     -$(INS.dir)
59 $(USR_GROVER_INC_DIR): $(USR_GROVER_DIR)
60     -$(INS.slink4)
62 $(USR_GROVER_SBIN_DIR): $(USR_GROVER_DIR)
63     -$(INS.slink5)
65 $(USR_GROVER_LIB_DIR): $(USR_GROVER_DIR)
66     -$(INS.dir)
68 $(ROOT_GROVER_MOD_DIR)/%: $(OBSJ_DIR)/% $(ROOT_GROVER_MOD_DIR) FRC
69     $(INS.file)
71 $(ROOT_GROVER_MISC_DIR)/%: $(OBSJ_DIR)/% $(ROOT_GROVER_MISC_DIR) FRC
72     $(INS.file)
74 $(ROOT_GROVER_DRV_DIR)/%: $(OBSJ_DIR)/% $(ROOT_GROVER_DRV_DIR) FRC
75     $(INS.file)
77 #
78 # Include common targets.
79 #
80 include $(UTSBASE)/sun4u/grover/Makefile.rules
81 include $(UTSBASE)/sun4u/Makefile.targ
26 include $(UTSBASE)/sun4u/grover/Makefile.targ.shared
```

```

*****
2446 Sat Dec 14 21:35:02 2013
new/usr/src/uts/sun4u/javelin/Makefile.javelin
4266 remove Makefile*.shared nonsense in uts
*****
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26 #
27 # This makefile contains the common definitions for the
28 # sun4u Javelin system dependent modules.
29 #

31 #
32 # Define directories
21 # ident "%Z%M% %I% %E% SMI"
33 #
34 ROOT_JAVELIN_DIR = $(ROOT_PLAT_DIR)/SUNW,Ultra-250
35 ROOT_JAVELIN_MOD_DIR = $(ROOT_JAVELIN_DIR)/kernel
36 ROOT_JAVELIN_KERN_DIR_32 = $(ROOT_JAVELIN_MOD_DIR)
37 ROOT_JAVELIN_KERN_DIR_64 = $(ROOT_JAVELIN_MOD_DIR)/$(SUBDIR64)
38 ROOT_JAVELIN_DRV_DIR_32 = $(ROOT_JAVELIN_MOD_DIR)/drv
39 ROOT_JAVELIN_DRV_DIR_64 = $(ROOT_JAVELIN_MOD_DIR)/drv/$(SUBDIR64)
40 ROOT_JAVELIN_MISC_DIR_32 = $(ROOT_JAVELIN_MOD_DIR)/misc
41 ROOT_JAVELIN_MISC_DIR_64 = $(ROOT_JAVELIN_MOD_DIR)/misc/$(SUBDIR64)

43 ROOT_JAVELIN_KERN_DIR = $(ROOT_JAVELIN_KERN_DIR_$(CLASS))
44 ROOT_JAVELIN_MISC_DIR = $(ROOT_JAVELIN_MISC_DIR_$(CLASS))
45 ROOT_JAVELIN_DRV_DIR = $(ROOT_JAVELIN_DRV_DIR_$(CLASS))

47 ROOT_PLAT_MOD_DIRS += $(ROOT_JAVELIN_MOD_DIR)
48 ROOT_PLAT_MISC_DIRS += $(ROOT_JAVELIN_MISC_DIR)
49 ROOT_PLAT_MISC_DIRS_32 += $(ROOT_JAVELIN_MISC_DIR_32)
50 ROOT_PLAT_DRV_DIRS = $(ROOT_JAVELIN_DRV_DIR)

52 USR_JAVELIN_DIR = $(USR_PLAT_DIR)/SUNW,Ultra-250
53 USR_JAVELIN_INC_DIR = $(USR_JAVELIN_DIR)/include
54 USR_JAVELIN_SBIN_DIR = $(USR_JAVELIN_DIR)/sbin
55 USR_JAVELIN_LIB_DIR = $(USR_JAVELIN_DIR)/lib
56 USR_JAVELIN_ISYS_DIR = $(USR_JAVELIN_INC_DIR)/sys

```

```

58 JAVELIN_LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/javelin/lint-libs/$(OBSJ_DIR)
59 #endif /* ! codereview */

61 #
62 # Define objects.
63 #
64 JAVELIN_OBJS = javelin.o

66 include $(UTSBASE)/sun4u/javelin/Makefile.files

68 #
69 # Include common rules.
70 #
71 include $(UTSBASE)/sun4u/Makefile.sun4u

73 #
74 # Define modules (must come after Makefile.sun4u)
75 #
76 JAVELIN_KMODS = platmod
77 JAVELIN_KMODS += envctrltwo
23 UTSTREE=$(UTSBASE)

25 include $(UTSBASE)/sun4u/javelin/Makefile.javelin.shared

```


new/usr/src/uts/sun4u/javelin/Makefile.targ

1

2083 Sat Dec 14 21:35:02 2013

new/usr/src/uts/sun4u/javelin/Makefile.targ

4266 remove Makefile*.shared nonsense in uts

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```

```
27 #
28 # Common targets for sun4u Javelin implementation specific modules.
29 #
30 #
```

```
32 IMPLEMENTED_PLATFORM = SUNW,Ultra-250
```

```
34 #
35 # Platform targets
36 #
37 $$(ROOT_JAVELIN_DIR): $$(ROOT_PLAT_DIR)
38 -$(INS.dir)
```

```
40 $$(ROOT_JAVELIN_MOD_DIR): $$(ROOT_JAVELIN_DIR)
41 -$(INS.dir)
```

```
43 $$(ROOT_JAVELIN_DRV_DIR_32): $$(ROOT_JAVELIN_MOD_DIR)
44 -$(INS.dir)
```

```
46 $$(ROOT_JAVELIN_DRV_DIR_64): $$(ROOT_JAVELIN_DRV_DIR_32)
47 -$(INS.dir)
48 #endif /* ! codereview */
```

```
50 $$(ROOT_JAVELIN_MISC_DIR_32): $$(ROOT_JAVELIN_MOD_DIR)
51 -$(INS.dir)
23 UTSTREE=$(UTSBASE)
```

```
53 $$(ROOT_JAVELIN_MISC_DIR_64): $$(ROOT_JAVELIN_MISC_DIR_32)
54 -$(INS.dir)
```

new/usr/src/uts/sun4u/javelin/Makefile.targ

2

```
56 $$(USR_JAVELIN_DIR): $$(USR_PLAT_DIR)
57 -$(INS.dir)
```

```
59 $$(USR_JAVELIN_INC_DIR): $$(USR_JAVELIN_DIR)
60 -$(INS.slink4)
```

```
62 $$(USR_JAVELIN_SBIN_DIR): $$(USR_JAVELIN_DIR)
63 -$(INS.slink5)
```

```
65 $$(USR_JAVELIN_LIB_DIR): $$(USR_JAVELIN_DIR)
66 -$(INS.dir)
```

```
68 $$(USR_JAVELIN_ISYS_DIR): $$(USR_JAVELIN_INC_DIR)
69 -$(INS.dir)
```

```
71 $$(ROOT_JAVELIN_MOD_DIR)/%: $$(OBJDIR)/% $$(ROOT_JAVELIN_MOD_DIR) FRC
72 $(INS.file)
```

```
74 $$(ROOT_JAVELIN_MISC_DIR)/%: $$(OBJDIR)/% $$(ROOT_JAVELIN_MISC_DIR) FRC
75 $(INS.file)
```

```
77 $$(ROOT_JAVELIN_DRV_DIR)/%: $$(OBJDIR)/% $$(ROOT_JAVELIN_DRV_DIR) FRC
78 $(INS.file)
```

```
80 #
81 # Include common targets.
```

```
82 #
83 include $$(UTSBASE)/sun4u/javelin/Makefile.rules
84 include $$(UTSBASE)/sun4u/Makefile.targ
25 include $$(UTSBASE)/sun4u/javelin/Makefile.targ.shared
```

new/usr/src/uts/sun4u/montecarlo/Makefile.montecarlo

1

```
*****
3544 Sat Dec 14 21:35:02 2013
new/usr/src/uts/sun4u/montecarlo/Makefile.montecarlo
4266 remove Makefile*.shared nonsense in uts
*****
```

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25 #
26 # This makefile contains the common definitions for the
27 # sun4u MonteCarlo system dependent modules.
28 #
30 #
31 # Define directories.
21 # ident "%Z%M% %I% %E% SMI"
32 #
33 ROOT_MONTECARLO_DIR = $(ROOT_PLAT_DIR)/SUNW,UltraSPARC-III-Netract
34 ROOT_MONTECARLO_MOD_DIR = $(ROOT_MONTECARLO_DIR)/kernel
36 ROOT_MONTECARLO_KERN_DIR_32 = $(ROOT_MONTECARLO_MOD_DIR)
37 ROOT_MONTECARLO_KERN_DIR_64 = $(ROOT_MONTECARLO_MOD_DIR)/$(SUBDIR64)
38 ROOT_MONTECARLO_DRV_DIR_32 = $(ROOT_MONTECARLO_MOD_DIR)/drv
39 ROOT_MONTECARLO_DACF_DIR_32 = $(ROOT_MONTECARLO_MOD_DIR)/dacf
40 ROOT_MONTECARLO_DACF_DIR_64 = $(ROOT_MONTECARLO_MOD_DIR)/dacf/$(SUBDIR64)
41 ROOT_MONTECARLO_DRV_DIR_64 = $(ROOT_MONTECARLO_MOD_DIR)/drv/$(SUBDIR64)
42 ROOT_MONTECARLO_MISC_DIR_32 = $(ROOT_MONTECARLO_MOD_DIR)/misc
43 ROOT_MONTECARLO_MISC_DIR_64 = $(ROOT_MONTECARLO_MOD_DIR)/misc/$(SUBDIR64)
44 #endif /* ! codereview */
46 ROOT_MONTECARLO_KERN_DIR = $(ROOT_MONTECARLO_KERN_DIR_$(CLASS))
47 ROOT_MONTECARLO_MISC_DIR = $(ROOT_MONTECARLO_MISC_DIR_$(CLASS))
48 ROOT_MONTECARLO_DRV_DIR = $(ROOT_MONTECARLO_DRV_DIR_$(CLASS))
49 ROOT_MONTECARLO_DACF_DIR = $(ROOT_MONTECARLO_DACF_DIR_$(CLASS))
51 ROOT_PLAT_MOD_DIRS += $(ROOT_MONTECARLO_MOD_DIR)
52 ROOT_PLAT_MISC_DIRS += $(ROOT_MONTECARLO_MISC_DIR)
53 ROOT_PLAT_MISC_DIRS_32 += $(ROOT_MONTECARLO_MISC_DIR_32)
54 ROOT_PLAT_DRV_DIRS = $(ROOT_MONTECARLO_DRV_DIR)
55 ROOT_PLAT_DACF_DIRS = $(ROOT_MONTECARLO_DACF_DIR)
```

new/usr/src/uts/sun4u/montecarlo/Makefile.montecarlo

2

```
57 USR_MONTECARLO_DIR = $(USR_PLAT_DIR)/SUNW,UltraSPARC-III-Netract
58 USR_MONTECARLO_INC_DIR = $(USR_MONTECARLO_DIR)/include
59 USR_MONTECARLO_SBIN_DIR = $(USR_MONTECARLO_DIR)/sbin
60 USR_MONTECARLO_LIB_DIR = $(USR_MONTECARLO_DIR)/lib
61 USR_MONTECARLO_ISYS_DIR = $(USR_MONTECARLO_INC_DIR)/sys
63 MONTECARLO_LINT_LIB_DIR= $(UTSBASE)/$(PLATFORM)/montecarlo/lint-libs/$(OBSJ_DIR)
65 #
66 # Define objects.
67 #
23 UTSTREE=$(UTSBASE)
69 include $(UTSBASE)/sun4u/montecarlo/Makefile.files
71 #
72 # Include common rules.
73 #
74 include $(UTSBASE)/sun4u/Makefile.sun4u
76 #
77 # Define modules
78 #
79 MONTECARLO_KMODS = acebus pcf8574_nct pcf8591_nct scsb ttymux_dacf
81 #
82 # we need the official MONTECARLO name here, and for the sun4u/montecarlo
83 # directory and Makefile.montecarlo
84 # for now we'll use montecarlo for workspace file/dir names
85 # and NORDICA_CP1500 for conditional code compiles, since that's our current
86 # test platform
87 #
88 MACHINE_DEFS += -DNORDICA_CP1500
90 #
91 # For now, disable these lint checks; maintainers should endeavor
92 # to investigate and remove these for maximum lint coverage.
93 # Please do not carry these forward to new Makefiles.
94 #
95 LINTTAGS += -erroff=E_SUSPICIOUS_COMPARISON
96 LINTTAGS += -erroff=E_BAD_PTR_CAST_ALIGN
97 LINTTAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
98 LINTTAGS += -erroff=E_STATIC_UNUSED
99 LINTTAGS += -erroff=E_PTRDIFF_OVERFLOW
100 LINTTAGS += -erroff=E_ASSIGN_NARROW_CONV
25 include $(UTSBASE)/sun4u/montecarlo/Makefile.montecarlo.shared
```

```

*****
2420 Sat Dec 14 21:35:02 2013
new/usr/src/uts/sun4u/montecarlo/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
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25 #

27 #
28 # Common targets for sun4u MonteCarlo implementation specific modules.
21 # ident "%Z%M% %I% %E% SMI"
29 #
30 #
31 # Platform targets
32 #
33 $(ROOT_MONTECARLO_DIR): $(ROOT_PLAT_DIR)
34 -$(INS.dir)

36 .KEEP_STATE:

38 #
39 # Rules for implementation subdirectories.
40 #
41 $(ROOT_MONTECARLO_MOD_DIR): $(ROOT_MONTECARLO_DIR)
42 -$(INS.dir)

44 $(ROOT_MONTECARLO_DACF_DIR_32): $(ROOT_MONTECARLO_MOD_DIR)
45 -$(INS.dir)

47 $(ROOT_MONTECARLO_DACF_DIR_64): $(ROOT_MONTECARLO_DACF_DIR_32)
48 -$(INS.dir)

50 $(ROOT_MONTECARLO_DRV_DIR_32): $(ROOT_MONTECARLO_MOD_DIR)
51 -$(INS.dir)
52 #endif /* ! codereview */

54 $(ROOT_MONTECARLO_DRV_DIR_64): $(ROOT_MONTECARLO_DRV_DIR_32)
55 -$(INS.dir)
23 UTSTREE=$(UTSBASE)

```

```

57 $(ROOT_MONTECARLO_MISC_DIR_32): $(ROOT_MONTECARLO_MOD_DIR)
58 -$(INS.dir)

60 $(ROOT_MONTECARLO_MISC_DIR_64): $(ROOT_MONTECARLO_MISC_DIR_32)
61 -$(INS.dir)

63 $(USR_MONTECARLO_DIR): $(USR_PLAT_DIR)
64 -$(INS.dir)

66 $(USR_MONTECARLO_INC_DIR): $(USR_MONTECARLO_DIR)
67 -$(INS.slink4)

69 $(USR_MONTECARLO_SBIN_DIR): $(USR_MONTECARLO_DIR)
70 -$(INS.slink5)

72 $(USR_MONTECARLO_LIB_DIR): $(USR_MONTECARLO_DIR)
73 -$(INS.dir)

75 $(USR_MONTECARLO_ISYS_DIR): $(USR_MONTECARLO_INC_DIR)
76 -$(INS.dir)

78 $(ROOT_MONTECARLO_MOD_DIR)/%: $(OBJS_DIR)/% $(ROOT_MONTECARLO_MOD_DIR) FRC
79 $(INS.file)

81 $(ROOT_MONTECARLO_MISC_DIR)/%: $(OBJS_DIR)/% $(ROOT_MONTECARLO_MISC_DIR) FRC
82 $(INS.file)

84 $(ROOT_MONTECARLO_DACF_DIR)/%: $(OBJS_DIR)/% $(ROOT_MONTECARLO_DACF_DIR)
85 $(INS.file)

87 $(ROOT_MONTECARLO_DRV_DIR)/%: $(OBJS_DIR)/% $(ROOT_MONTECARLO_DRV_DIR) FRC
88 $(INS.file)

90 #
91 # Include common targets.
92 #
93 include $(UTSBASE)/sun4u/montecarlo/Makefile.rules
94 include $(UTSBASE)/sun4u/Makefile.targ
25 include $(UTSBASE)/sun4u/montecarlo/Makefile.targ.shared

```

```

*****
3908 Sat Dec 14 21:35:03 2013
new/usr/src/uts/sun4u/mpxu/Makefile.mpxu
4266 remove Makefile*.shared nonsense in uts
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27 #
28 #
29 # Copyright (c) 2005, 2010, Oracle and/or its affiliates. All rights reserved.
30 # ident "%Z%M% %I% %E% SMI"
31 #
32 #
33 #
34 # Global definitions for sun4u implementation specific modules.
35 #
36 #
37 #
38 #
39 # Define the name of this implementation.
40 #
41 #
42 #
43 # Define directories.
44 #
45 #
46 #
47 #
48 #
49 #
50 #
51 #
52 #
53 #
54 #
55 #
56 #
57 #
58 #
59 #
60 #
61 #
62 #
63 #
64 #
65 #
66 #
67 #
68 #
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56 USR_MPXU_SBIN_FRUADM = $(USR_MPXU_SBIN_DIR)/fruadm
57 USR_MPXU_LIB_DIR     = $(USR_MPXU_DIR)/lib

59 MPXU_LINT_LIB_DIR   = $(UTSBASE)/$(PLATFORM)/mpxu/lint-libs/$(OBSJ_DIR)

61 #
62 # Links to UltraSparc III crypto modules
63 #
64 MPXU_CRYPTOLINKS    = aes

66 #
67 # Include the makefiles which define build rule templates, the
68 # collection of files per module, and a few specific flags. Note
69 # that order is significant, just as with an include path. The
70 # first build rule template which matches the files name will be
71 # used. By including these in order from most machine dependent
72 # to most machine independent, we allow a machine dependent file
73 # to be used in preference over a machine independent version
74 # (Such as a machine specific optimization, which preserves the
75 # interfaces.)
76 #

78 include $(UTSBASE)/sun4u/mpxu/Makefile.files
79 #
80 # Include common rules.
81 #

83 include $(UTSBASE)/sun4u/Makefile.sun4u

85 #
86 # Define modules (must come after Makefile.sun4u).
87 #
88 MPXU_KMDS           = tsalarm

90 MODSTUBS_DIR       = $(UNIX_DIR)
91 LINTS_DIR           = $(OBSJ_DIR)
92 LINT_LIB_DIR       = $(UTSBASE)/$(PLATFORM)/mpxu/lint-libs/$(OBSJ_DIR)
93 UTSTREE=$(UTSBASE)

94 #
95 # Define the actual specific platforms
96 #
97 MACHINE_DEFS       = -D$(PLATFORM) -D_MACHDEP -DSFMMU -DMP

99 #
100 # Define platform specific values
101 #
102 #MACHINE_DEFS      += -DNCPU=554
103 #MACHINE_DEFS      += -DMAX_UPA=1024
104 #MACHINE_DEFS      += -DIGN_SIZE=10
105 # Max IOSRAM TOC major version number supported
106 #MACHINE_DEFS      += -DMAX_IOSRAM_TOC_VER=0x1

108 #
109 # Define for inline pre-processing since
110 # cpp not smart about v9 yet.
111 #
112 CPP_DEFS_32        =
113 CPP_DEFS_64        = -D_sparcv9
114 CPP_DEFS           = $(CPP_DEFS_$(CLASS))

115 #
116 # For now, disable these lint checks; maintainers should endeavor
117 # to investigate and remove these for maximum lint coverage.
118 # Please do not carry these forward to new Makefiles.
119 #
120 LINTTAGS           += -erroff=E_SUSPICIOUS_COMPARISON

```

```
121 LINTTAGS      += -erroff=E_BAD_PTR_CAST_ALIGN
122 LINTTAGS      += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
123 LINTTAGS      += -erroff=E_STATIC_UNUSED
124 LINTTAGS      += -erroff=E_PTRDIFF_OVERFLOW
125 LINTTAGS      += -erroff=E_ASSIGN_NARROW_CONV
30 include $(UTSBASE)/sun4u/mpxu/Makefile.mpxu.shared
```

new/usr/src/uts/sun4u/mpxu/Makefile.targ

1

2380 Sat Dec 14 21:35:03 2013

new/usr/src/uts/sun4u/mpxu/Makefile.targ

4266 remove Makefile*.shared nonsense in uts

```
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License (the "License").
7 # You may not use this file except in compliance with the License.
1 # Common Development and Distribution License, Version 1.0 only
2 # (the "License"). You may not use this file except in compliance
3 # with the License.
8 #
9 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
10 # or http://www.opensolaris.org/os/licensing.
11 # See the License for the specific language governing permissions
12 # and limitations under the License.
13 #
14 # When distributing Covered Code, include this CDDL HEADER in each
15 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 #
26 #
27 # Common targets for sun4u MPXU implementation specific modules.
28 #
29 #
30 .KEEP_STATE:
31 #
32 #
33 # Rules for implementation subdirectories.
34 #
35 # ident "%Z%M% %I% %E% SMI"
36 #
37 #
38 $(ROOT_MPXU_DIR): $(ROOT_PLAT_DIR)
39 -$(INS.dir)
40 #
41 $(ROOT_MPXU_MOD_DIR): $(ROOT_MPXU_DIR)
42 -$(INS.dir)
43 #
44 $(ROOT_MPXU_DRV_DIR_32): $(ROOT_MPXU_MOD_DIR)
45 -$(INS.dir)
46 #
47 $(ROOT_MPXU_DRV_DIR_64): $(ROOT_MPXU_DRV_DIR_32)
48 -$(INS.dir)
49 #
50 $(ROOT_MPXU_MISC_DIR_32): $(ROOT_MPXU_MOD_DIR)
51 -$(INS.dir)
52 #
53 $(ROOT_MPXU_MISC_DIR_64): $(ROOT_MPXU_MISC_DIR_32)
54 -$(INS.dir)
55 $(ROOT_MPXU_CRYPTODIR_32): $(ROOT_MPXU_MOD_DIR)
56 -$(INS.dir)
57 #endif /* ! codereview */
```

new/usr/src/uts/sun4u/mpxu/Makefile.targ

2

57 \$(ROOT_MPXU_CRYPTODIR_64): \$(ROOT_MPXU_CRYPTODIR_32)

58 -\$(INS.dir)

23 UTSTREE=\$(UTSBASE)

60 \$(USR_MPXU_DIR): \$(USR_PLAT_DIR)

61 -\$(INS.dir)

63 \$(USR_MPXU_INC_DIR): \$(USR_MPXU_DIR)

64 \$(INS.slink4)

66 \$(USR_MPXU_ISYS_DIR): \$(USR_MPXU_INC_DIR)

67 \$(INS.dir)

69 \$(USR_MPXU_SBIN_DIR): \$(USR_MPXU_DIR)

70 \$(INS.dir)

72 \$(USR_MPXU_SBIN_PRTDIAG): \$(USR_MPXU_SBIN_DIR)

73 \$(RM) -r \$@; \$(SYMLINK) ../../\$(PLATFORM)/sbin/prtdiag \$@

75 \$(USR_MPXU_SBIN_FRUADM): \$(USR_MPXU_SBIN_DIR)

76 \$(RM) -r \$@; \$(SYMLINK) ../../\$(PLATFORM)/sbin/fruadm \$@

78 \$(LINKED_PLATFORMS:%=\$(ROOT_PLAT_DIR)/%): \$(ROOT_PLAT_DIR)

79 \$(INS.slink3)

81 \$(LINKED_PLATFORMS:%=\$(USR_PLAT_DIR)/%): \$(USR_PLAT_DIR)

82 \$(INS.slink3)

84 \$(USR_MPXU_LIB_DIR): \$(USR_MPXU_DIR)

85 -\$(INS.dir)

87 \$(ROOT_MPXU_MISC_DIR)/%: \$(OBSJ_DIR)/% \$(ROOT_MPXU_MISC_DIR)

88 \$(INS.file)

90 \$(ROOT_MPXU_DRV_DIR)/%: \$(OBSJ_DIR)/% \$(ROOT_MPXU_DRV_DIR) FRC

91 \$(INS.file)

93 #

94 # Include common targets.

95 #

96 include \$(UTSBASE)/sun4u/mpxu/Makefile.rules

97 include \$(UTSBASE)/sun4u/Makefile.targ

25 include \$(UTSBASE)/sun4u/mpxu/Makefile.targ.shared

```

*****
6094 Sat Dec 14 21:35:03 2013
new/usr/src/uts/sun4u/opl/Makefile.opl
4266 remove Makefile*.shared nonsense in uts
*****
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License (the "License").
7 # You may not use this file except in compliance with the License.
8 #
9 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
10 # or http://www.opensolaris.org/os/licensing.
11 # See the License for the specific language governing permissions
12 # and limitations under the License.
13 #
14 # When distributing Covered Code, include this CDDL HEADER in each
15 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 # Copyright 2006 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # Copyright (c) 2006, 2010, Oracle and/or its affiliates. All rights reserved.
26 #
27 # Global definitions for sun4u opl implementation specific modules.
28 #
29 # uts/sun4u/opl/Makefile.opl
30 #
31 # Define directories.
32 #
33 #
34 #
35 ROOT_OPL_DIR = $(ROOT_PLAT_DIR)/SUNW,SPARC-Enterprise
36 ROOT_OPL_MOD_DIR = $(ROOT_OPL_DIR)/kernel
37 ROOT_OPL_KERN_DIR_32 = $(ROOT_OPL_MOD_DIR)
38 ROOT_OPL_KERN_DIR_64 = $(ROOT_OPL_MOD_DIR)/$(SUBDIR64)
39 ROOT_OPL_MISC_DIR_32 = $(ROOT_OPL_MOD_DIR)/misc
40 ROOT_OPL_MISC_DIR_64 = $(ROOT_OPL_MOD_DIR)/misc/$(SUBDIR64)
41 ROOT_OPL_DRV_DIR_32 = $(ROOT_OPL_MOD_DIR)/drv
42 ROOT_OPL_DRV_DIR_64 = $(ROOT_OPL_MOD_DIR)/drv/$(SUBDIR64)
43 ROOT_OPL_CPU_DIR_32 = $(ROOT_OPL_MOD_DIR)/cpu
44 ROOT_OPL_CPU_DIR_64 = $(ROOT_OPL_MOD_DIR)/cpu/$(SUBDIR64)
45 ROOT_OPL_CRYPTO_DIR_32 = $(ROOT_OPL_MOD_DIR)/crypto
46 ROOT_OPL_CRYPTO_DIR_64 = $(ROOT_OPL_MOD_DIR)/crypto/$(SUBDIR64)
47 #
48 ROOT_OPL_KERN_DIR = $(ROOT_OPL_KERN_DIR_$(CLASS))
49 ROOT_OPL_MISC_DIR = $(ROOT_OPL_MISC_DIR_$(CLASS))
50 ROOT_OPL_DRV_DIR = $(ROOT_OPL_DRV_DIR_$(CLASS))
51 ROOT_OPL_CPU_DIR = $(ROOT_OPL_CPU_DIR_$(CLASS))
52 ROOT_OPL_CRYPTO_DIR = $(ROOT_OPL_CRYPTO_DIR_$(CLASS))
53 #
54 ROOT_PLAT_MOD_DIRS += $(ROOT_OPL_MOD_DIR)
55 ROOT_PLAT_MISC_DIRS_32 += $(ROOT_OPL_MISC_DIRS_32)
56 #
57 USR_OPL_DIR = $(USR_PLAT_DIR)/SUNW,SPARC-Enterprise
58 USR_OPL_LIB_DIR = $(USR_OPL_DIR)/lib
59 USR_OPL_SBIN_DIR = $(USR_OPL_DIR)/sbin

```

```

60 USR_OPL_SBIN_PRTDIAG = $(USR_OPL_SBIN_DIR)/prtdiag
61 USR_OPL_SBIN_FRUADM = $(USR_OPL_SBIN_DIR)/fruadm
62 USR_OPL_INC_DIR = $(USR_OPL_DIR)/include
63 USR_OPL_ISYS_DIR = $(USR_OPL_INC_DIR)/sys
64 #
65 OPL_LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/opl/lint-libs/$(OBJS_DIR)
66 OPLMSU_OPTION = options
67 #
68 #
69 # Define modules.
70 #
71 OPL_KMODS = platmod
72 OPL_KMODS += dm2s
73 OPL_KMODS += oplkmdrv
74 OPL_KMODS += pcicmu
75 OPL_KMODS += oplpanel
76 OPL_KMODS += dr.WAIT drmach
77 OPL_KMODS += oplmsu
78 OPL_KMODS += mc-opl
79 #
80 #
81 # CPU modules.
82 #
83 OPL_CPU_KMODS += olympus_c
84 #
85 # Links to OPL crypto modules
86 #
87 OPL_CRYPTO_LINKS = aes
88 #
89 #
90 # Include the makefiles which define build rule templates, the
91 # collection of files per module, and a few specific flags. Note
92 # that order is significant, just as with an include path. The
93 # first build rule template which matches the files name will be
94 # used. By including these in order from most machine dependent
95 # to most machine independent, we allow a machine dependent file
96 # to be used in preference over a machine independent version
97 # (Such as a machine specific optimization, which preserves the
98 # interfaces.)
99 #
100 include $(UTSBASE)/sun4u/ngdr/Makefile.files
101 include $(UTSBASE)/sun4u/opl/Makefile.files
102 #
103 #
104 # Include common rules.
105 #
106 include $(UTSBASE)/sun4u/Makefile.sun4u
107 #
108 #
109 # Everybody needs to know how to build modstubs.o and to locate unix.o
110 #
111 # ident "%Z%M% %I% %E% SMI"
112 #
113 UNIX_DIR = $(UTSBASE)/$(PLATFORM)/opl/unix
114 MODSTUBS_DIR = $(UNIX_DIR)
115 DSF_DIR = $(UTSBASE)/$(PLATFORM)/opl/genassym
116 LINTS_DIR = $(OBJS_DIR)
117 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/opl/lint-libs/$(OBJS_DIR)
118 #endif /* ! codereview */
119 #
120 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
121 #
122 LINT_LIB = $(LINT_LIB_DIR)/llib-lunix.ln
123 #
124 # Define the actual specific platforms

```

```
125 MACHINE_DEFS      = -D$(PLATFORM) -D_MACHDEP -DSFMMU -DMP
126 MACHINE_DEFS      += -D_CPU_SIGNATURE

128 #
129 # Maximum CUID = 01111 11 01 1 = 0x1FB (507)
130 # Maximum CHIPID = 1 01111 11 00 0 = 0x5F8 (1528)
131 #
132 MACHINE_DEFS      += -DNPCU=512
133 MACHINE_DEFS      += -DMAX_CPU_CHIPID=1529
134 MACHINE_DEFS      += -DMAX_UPA=256
135 MACHINE_DEFS      += -DIGN_SIZE=8
136 MACHINE_DEFS      += -DMAX_MEM_NODES=16
137 #
138 # UTSB_PHYS will enable user TSB physical access for TL>0
139 #
140 MACHINE_DEFS      += -DUTSB_PHYS
141 MACHINE_DEFS      += -D_OPL
142 MACHINE_DEFS      += -DOLYMPUS_SHARED_FTLB
143 MACHINE_DEFS      += -D_CMP_NO_ERROR_STEERING -D_HW_MEMSCRUB_SUPPORT
144 MACHINE_DEFS      += -DDO_CORELEVEL_LOADBAL
145 MACHINE_DEFS      += -DITLB_32M_256M_SUPPORT
146 #
147 # OLYMPUS C cross-call erratas.
148 # - revision A can only deliver one xcall at a time.
149 # - revision B can dispatch xcalls to 31 (IDSR_BN_SETS) CPUs at a time,
150 #   but it can not send more xcalls until all the pending xcalls are
151 #   dispatched. In other words, all previous 31 xcall slots must be
152 #   in non-busy state before further xcalls can be issued.
153 MACHINE_DEFS      += -DOLYMPUS_C_REV_A_ERRATA_XCALL
154 MACHINE_DEFS      += -DOLYMPUS_C_REV_B_ERRATA_XCALL
155 #
156 # OLYMPUS C Spurious interrupts
157 # - When an UE is detected in a interrupt packet,
158 #   Olympus-C takes an interrupt_vector_trap (TT=0x60) while
159 #   ASI_INTR_RECIEVE.BUSY is set to zero to indicate the existence
160 #   of the error. Software will see this as a spurious interrupt since
161 #   the interrupt busy bit is set to zero. SW will still need to
162 #   explicitly clear the interrupt busy bit to reset the HW state.
163 #   Failure to do so will result in the processor continuously taking
164 #   an interrupt vector trap when PSTATE.IE is reset to one.
165 #   Note that UE in interrupt packet is reported to the SP and handled
166 #   accordingly. For the domain, the system should panic as it is not
167 #   recoverable.
168 MACHINE_DEFS      += -DCLEAR_INTR_BUSYBIT_ON_SPURIOUS

170 #
171 # For now, disable these lint checks; maintainers should endeavor
172 # to investigate and remove these for maximum lint coverage.
173 # Please do not carry these forward to new Makefiles.
174 #
175 LINTTAGS           += -erroff=E_SUSPICIOUS_COMPARISON
176 LINTTAGS           += -erroff=E_BAD_PTR_CAST_ALIGN
177 LINTTAGS           += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
178 LINTTAGS           += -erroff=E_STATIC_UNUSED
179 LINTTAGS           += -erroff=E_PTRDIFF_OVERFLOW
180 LINTTAGS           += -erroff=E_ASSIGN_NARROW_CONV
6 UTSTREE=$(UTSBASE)

182 .KEEP_STATE:
8 include $(UTSBASE)/sun4u/opl/Makefile.opl.shared
```



```
*****
```

```
2561 Sat Dec 14 21:35:03 2013
```

```
new/usr/src/uts/sun4u/opl/Makefile.targ
```

```
4266 remove Makefile*.shared nonsense in uts
```

```
*****
```

```
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28 #
29 #
30 # Common targets for sun4u opl implementation specific modules.
31 #
32 # uts/sun4u/opl/Makefile.targ
33 #
34 #
35 # .KEEP_STATE:
36 #
37 #
38 # Rules for implementation subdirectories.
39 #
40 # ident "%Z%M% %I% %E% SMI"
41 #
42 $(ROOT_OPL_DIR): $(ROOT_PLAT_DIR)
43     -$(INS.dir)
44
45 $(ROOT_OPL_MOD_DIR): $(ROOT_OPL_DIR)
46     -$(INS.dir)
47
48 $(ROOT_OPL_DRV_DIR_32): $(ROOT_OPL_MOD_DIR)
49     -$(INS.dir)
50
51 $(ROOT_OPL_DRV_DIR_64): $(ROOT_OPL_DRV_DIR_32)
52     -$(INS.dir)
53
54 $(ROOT_OPL_CPU_DIR_32): $(ROOT_OPL_MOD_DIR)
55     -$(INS.dir)
56
57 $(ROOT_OPL_CPU_DIR_64): $(ROOT_OPL_CPU_DIR_32)
58     -$(INS.dir)
59
60 $(ROOT_OPL_MISC_DIR_32): $(ROOT_OPL_MOD_DIR)
61     -$(INS.dir)
62
63 $(ROOT_OPL_MISC_DIR_64): $(ROOT_OPL_MISC_DIR_32)
64     -$(INS.dir)
65
66 #endif /* ! codereview */
```

```
60 $(ROOT_OPL_CRYPTO_DIR_32): $(ROOT_OPL_MOD_DIR)
61     -$(INS.dir)
62 UTSTREE=$(UTSBASE)
63
64 $(ROOT_OPL_CRYPTO_DIR_64): $(ROOT_OPL_CRYPTO_DIR_32)
65     -$(INS.dir)
66
67 $(USR_OPL_DIR): $(USR_PLAT_DIR)
68     -$(INS.dir)
69
70 $(USR_OPL_INC_DIR): $(USR_OPL_DIR) $(USR_PSM_INCL_DIR)
71     $(INS.slink4)
72
73 $(USR_OPL_SBIN_DIR): $(USR_OPL_DIR) $(USR_PSM_SBIN_DIR)
74     $(INS.dir)
75
76 $(USR_OPL_SBIN_PRTDIAG): $(USR_OPL_SBIN_DIR)
77     $(RM) -r @$; $(SYMLINK) ../../$(PLATFORM)/sbin/prtdiag @$
78
79 $(USR_OPL_SBIN_FRUADM): $(USR_OPL_SBIN_DIR)
80     $(RM) -r @$; $(SYMLINK) ../../$(PLATFORM)/sbin/fruadm @$
81
82 $(USR_OPL_LIB_DIR): $(USR_OPL_DIR) $(USR_PSM_LIB_DIR)
83     -$(INS.dir)
84
85 $(USR_OPL_ISYS_DIR): $(USR_OPL_INC_DIR)
86     $(INS.dir)
87
88 $(ROOT_OPL_KERN_DIR)/%: $(OBS_DIR)/% $(ROOT_OPL_KERN_DIR) FRC
89     $(INS.file)
90
91 $(ROOT_OPL_DRV_DIR)/%: $(OBS_DIR)/% $(ROOT_OPL_DRV_DIR) FRC
92     $(INS.file)
93
94 $(ROOT_OPL_CPU_DIR)/%: $(OBS_DIR)/% $(ROOT_OPL_CPU_DIR) FRC
95     $(INS.file)
96
97 $(ROOT_OPL_MISC_DIR)/%: $(OBS_DIR)/% $(ROOT_OPL_MISC_DIR) FRC
98     $(INS.file)
99 #
100 #
101 # Include common targets.
102 #
103 include $(UTSBASE)/sun4u/opl/Makefile.rules
104 include $(UTSBASE)/sun4u/Makefile.targ
105     8 include $(UTSBASE)/sun4u/opl/Makefile.targ.shared
```

```

*****
5011 Sat Dec 14 21:35:03 2013
new/usr/src/uts/sun4u/serengeti/Makefile.serengeti
4266 remove Makefile*.shared nonsense in uts
*****
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25 #

27 #
28 # Global definitions for sun4u implementation specific modules.
29 #

21 # ident "%Z%M% %I% %E% SMI"
31 #
32 # Define the name of this implementation.
33 #

35 #
36 # Define directories.
37 #
38 ROOT_SERENGETI_DIR = $(ROOT_PLAT_DIR)/SUNW,Sun-Fire
39 ROOT_SERENGETI_MOD_DIR = $(ROOT_SERENGETI_DIR)/kernel

41 ROOT_SERENGETI_KERN_DIR_32 = $(ROOT_SERENGETI_MOD_DIR)
42 ROOT_SERENGETI_KERN_DIR_64 = $(ROOT_SERENGETI_MOD_DIR)/$(SUBDIR64)
43 ROOT_SERENGETI_KERN_DIR = $(ROOT_SERENGETI_KERN_DIR_$(CLASS))
44 #endif /* ! codereview */

46 ROOT_SERENGETI_CPU_DIR_32 = $(ROOT_SERENGETI_MOD_DIR)/cpu
47 ROOT_SERENGETI_CPU_DIR_64 = $(ROOT_SERENGETI_MOD_DIR)/drv/$(SUBDIR64)
48 ROOT_SERENGETI_CPU_DIR = $(ROOT_SERENGETI_CPU_DIR_$(CLASS))
23 UTSTREE=$(UTSBASE)

50 ROOT_SERENGETI_DRV_DIR_32 = $(ROOT_SERENGETI_MOD_DIR)/drv
51 ROOT_SERENGETI_DRV_DIR_64 = $(ROOT_SERENGETI_MOD_DIR)/drv/$(SUBDIR64)
52 ROOT_SERENGETI_DRV_DIR = $(ROOT_SERENGETI_DRV_DIR_$(CLASS))

54 ROOT_SERENGETI_MISC_DIR_32 = $(ROOT_SERENGETI_MOD_DIR)/misc
55 ROOT_SERENGETI_MISC_DIR_64 = $(ROOT_SERENGETI_MOD_DIR)/misc/$(SUBDIR64)

```

```

56 ROOT_SERENGETI_MISC_DIR = $(ROOT_SERENGETI_MISC_DIR_$(CLASS))

58 ROOT_SERENGETI_CRYPTODIR_32 = $(ROOT_SERENGETI_MOD_DIR)/crypto
59 ROOT_SERENGETI_CRYPTODIR_64 = $(ROOT_SERENGETI_MOD_DIR)/crypto/$(SUBDIR64)
60 ROOT_SERENGETI_CRYPTODIR = $(ROOT_SERENGETI_CRYPTODIR_$(CLASS))

62 ROOT_PLAT_MOD_DIRS += $(ROOT_SERENGETI_MOD_DIR)
63 ROOT_PLAT_MISC_DIRS_32 += $(ROOT_SERENGETI_MISC_DIR_32)

65 USR_SERENGETI_DIR = $(USR_PLAT_DIR)/SUNW,Sun-Fire
66 USR_SERENGETI_INC_DIR = $(USR_SERENGETI_DIR)/include
67 USR_SERENGETI_ISYS_DIR = $(USR_SERENGETI_INC_DIR)/sys
68 USR_SERENGETI_SBIN_DIR = $(USR_SERENGETI_DIR)/sbin
69 USR_SERENGETI_LIB_DIR = $(USR_SERENGETI_DIR)/lib

71 SERENGETI_LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/serengeti/lint-libs/$(O)

73 #
74 # Include the makefiles which define build rule templates, the
75 # collection of files per module, and a few specific flags. Note
76 # that order is significant, just as with an include path. The
77 # first build rule template which matches the file name will be
78 # used. By including these in order from most machine dependent
79 # to most machine independent, we allow a machine dependent file
80 # to be used in preference over a machine independent version
81 # (Such as a machine specific optimization, which preserves the
82 # interfaces.)
83 #

85 #
86 # Links to UltraSparc III crypto modules
87 #
88 SERENGETI_CRYPTOLINKS += aes

90 include $(UTSBASE)/sun4u/serengeti/Makefile.files
91 #
92 # Include common rules.
93 #

95 include $(UTSBASE)/sun4u/Makefile.sun4u

97 #
98 # Define modules
99 #
100 SERENGETI_KMODS = cheetah cheetahplus
101 SERENGETI_KMODS += platmod sbdp sgcn sgshsc sgsbbc ssm

103 #
104 # Everybody needs to know how to build modstubs.o and to locate unix.o
105 #
106 UNIX_DIR = $(UTSBASE)/$(PLATFORM)/serengeti/unix
107 MODSTUBS_DIR = $(UNIX_DIR)
108 DSF_DIR = $(UTSBASE)/$(PLATFORM)/serengeti/genassym
109 LINTS_DIR = $(OBSJSDIR)
110 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/serengeti/lint-libs/$(OBSJSDIR)

112 UNIX_O = $(UNIX_DIR)/$(OBSJSDIR)/unix.o

114 LINT_LIB = $(LINT_LIB_DIR)/llib-lunix.ln

116 #
117 # Define the actual specific platforms
118 #
119 MACHINE_DEFS = -D$(PLATFORM) -D_MACHDEP -DSFMMU -DMP -DMIXEDCPU_DR_SUPPORTED

121 #

```

```
122 #       Define platform specific values
123 #
124 MACHINE_DEFS += -DNCPU=558
125 MACHINE_DEFS += -DMAX_CPU_CHIPID=554
126 MACHINE_DEFS += -DMAX_UPA=1024
127 MACHINE_DEFS += -DIGN_SIZE=10
128 MACHINE_DEFS += -DMAX_MEM_NODES=8
129 MACHINE_DEFS += -DLOCKED_DTLB_ENTRIES=6
130 # Max IOSRAM TOC major version number supported
131 MACHINE_DEFS += -DMAX_IOSRAM_TOC_VER=0x1
132 MACHINE_DEFS += -DC_OBP

134 #       Define for inline pre-processing since
135 #       cpp is not smart about v9 yet.
136 #       It's not smart about __sparc either since it only predefines sparc.
137 CPP_DEFS_32 = -D__sparc
138 CPP_DEFS_64 = -D__sparc -D__sparcv9
139 CPP_DEFS     = $(CPP_DEFS_$(CLASS))

141 #
142 # For now, disable these lint checks; maintainers should endeavor
143 # to investigate and remove these for maximum lint coverage.
144 # Please do not carry these forward to new Makefiles.
145 #
146 LINTTAGS += -erroff=E_SUSPICIOUS_COMPARISON
147 LINTTAGS += -erroff=E_BAD_PTR_CAST_ALIGN
148 LINTTAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
149 LINTTAGS += -erroff=E_STATIC_UNUSED
150 LINTTAGS += -erroff=E_PTRDIFF_OVERFLOW
151 LINTTAGS += -erroff=E_ASSIGN_NARROW_CONV
25 include $(UTSBASE)/sun4u/serengeti/Makefile.serengeti.shared
```

new/usr/src/uts/sun4u/serengeti/Makefile.targ

1

2514 Sat Dec 14 21:35:04 2013

new/usr/src/uts/sun4u/serengeti/Makefile.targ

4266 remove Makefile*.shared nonsense in uts

```
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24 #
25 #
26 #
27 #
28 # Common targets for sun4u Serengeti implementation specific modules.
29 #
30 #
31 .KEEP_STATE:
32 #
33 #
34 # Rules for implementation subdirectories.
35 #
36 # ident "%Z%M% %I% %E% SMI"
37 #
38 $(ROOT_SERENGETI_DIR): $(ROOT_PLAT_DIR)
39     -$(INS.dir)
40 #
41 $(ROOT_SERENGETI_MOD_DIR): $(ROOT_SERENGETI_DIR)
42     -$(INS.dir)
43 #
44 $(ROOT_SERENGETI_CPU_DIR_32): $(ROOT_SERENGETI_MOD_DIR)
45     -$(INS.dir)
46 #
47 $(ROOT_SERENGETI_CPU_DIR_64): $(ROOT_SERENGETI_CPU_DIR_32)
48     -$(INS.dir)
49 #
50 $(ROOT_SERENGETI_DRV_DIR_32): $(ROOT_SERENGETI_MOD_DIR)
51     -$(INS.dir)
52 #
53 $(ROOT_SERENGETI_DRV_DIR_64): $(ROOT_SERENGETI_DRV_DIR_32)
54     -$(INS.dir)
55 #
56 $(ROOT_SERENGETI_MISC_DIR_32): $(ROOT_SERENGETI_MOD_DIR)
57     -$(INS.dir)
58 #endif /* ! codereview */
```

new/usr/src/uts/sun4u/serengeti/Makefile.targ

2

```
58 $(ROOT_SERENGETI_MISC_DIR_64): $(ROOT_SERENGETI_MISC_DIR_32)
59     -$(INS.dir)
60 UTSTREE=$(UTSBASE)
61 #
62 $(ROOT_SERENGETI_CRYPTO_DIR_32): $(ROOT_SERENGETI_MOD_DIR)
63     -$(INS.dir)
64 #
65 $(ROOT_SERENGETI_CRYPTO_DIR_64): $(ROOT_SERENGETI_CRYPTO_DIR_32)
66     -$(INS.dir)
67 #
68 $(USR_SERENGETI_DIR): $(USR_PLAT_DIR)
69     -$(INS.dir)
70 #
71 $(USR_SERENGETI_INC_DIR): $(USR_SERENGETI_DIR)
72     $(INS.slink4)
73 #
74 $(USR_SERENGETI_ISYS_DIR): $(USR_SERENGETI_INC_DIR)
75     $(INS.dir)
76 #
77 $(USR_SERENGETI_SBIN_DIR): $(USR_SERENGETI_DIR)
78     $(INS.slink5)
79 #
80 $(USR_SERENGETI_LIB_DIR): $(USR_SERENGETI_DIR)
81     -$(INS.dir)
82 #
83 $(ROOT_SERENGETI_MISC_DIR)/%: $(OBJDIR)/% $(ROOT_SERENGETI_MISC_DIR) FRC
84     $(INS.file)
85 #
86 $(ROOT_SERENGETI_CPU_DIR)/%: $(OBJDIR)/% $(ROOT_SERENGETI_CPU_DIR) FRC
87     $(INS.file)
88 #
89 $(ROOT_SERENGETI_DRV_DIR)/%: $(OBJDIR)/% $(ROOT_SERENGETI_DRV_DIR) FRC
90     $(INS.file)
91 #
92 $(ROOT_SERENGETI_KERN_DIR)/%: $(OBJDIR)/% $(ROOT_SERENGETI_KERN_DIR) FRC
93     $(INS.file)
94 #
95 # Include common targets.
96 #
97 include $(UTSBASE)/sun4u/serengeti/Makefile.rules
98 include $(UTSBASE)/sun4u/Makefile.targ
99 #
100 include $(UTSBASE)/sun4u/serengeti/Makefile.targ.shared
```

```

*****
5049 Sat Dec 14 21:35:04 2013
new/usr/src/uts/sun4u/starcat/Makefile.starcat
4266 remove Makefile*.shared nonsense in uts
*****
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25 #
26 # Global definitions for sun4u starcat implementation specific modules.
27 #
29 #
30 # Define directories.
21 # ident "%Z%M% %I% %E% SMI"
31 #
32 ROOT_STARCAT_DIR = $(ROOT_PLAT_DIR)/SUNW,Sun-Fire-15000
33 ROOT_STARCAT_MOD_DIR = $(ROOT_STARCAT_DIR)/kernel
34 ROOT_STARCAT_KERN_DIR_32 = $(ROOT_STARCAT_MOD_DIR)
35 ROOT_STARCAT_KERN_DIR_64 = $(ROOT_STARCAT_MOD_DIR)/$(SUBDIR64)
36 ROOT_STARCAT_MISC_DIR_32 = $(ROOT_STARCAT_MOD_DIR)/misc
37 ROOT_STARCAT_MISC_DIR_64 = $(ROOT_STARCAT_MOD_DIR)/misc/$(SUBDIR64)
38 ROOT_STARCAT_DRV_DIR_32 = $(ROOT_STARCAT_MOD_DIR)/drv
39 ROOT_STARCAT_DRV_DIR_64 = $(ROOT_STARCAT_MOD_DIR)/drv/$(SUBDIR64)
40 ROOT_STARCAT_CPU_DIR_32 = $(ROOT_STARCAT_MOD_DIR)/cpu
41 ROOT_STARCAT_CPU_DIR_64 = $(ROOT_STARCAT_MOD_DIR)/cpu/$(SUBDIR64)
42 ROOT_STARCAT_CRYPTODIR_32 = $(ROOT_STARCAT_MOD_DIR)/crypto
43 ROOT_STARCAT_CRYPTODIR_64 = $(ROOT_STARCAT_MOD_DIR)/crypto/$(SUBDIR64)
44 #endif /* ! codereview */
46 ROOT_STARCAT_KERN_DIR = $(ROOT_STARCAT_KERN_DIR_$(CLASS))
47 ROOT_STARCAT_MISC_DIR = $(ROOT_STARCAT_MISC_DIR_$(CLASS))
48 ROOT_STARCAT_DRV_DIR = $(ROOT_STARCAT_DRV_DIR_$(CLASS))
49 ROOT_STARCAT_CPU_DIR = $(ROOT_STARCAT_CPU_DIR_$(CLASS))
50 ROOT_STARCAT_CRYPTODIR = $(ROOT_STARCAT_CRYPTODIR_$(CLASS))
23 UTSTREE=$(UTSBASE)
52 ROOT_PLAT_MOD_DIRS += $(ROOT_STARCAT_MOD_DIR)
53 ROOT_PLAT_MISC_DIRS_32 += $(ROOT_STARCAT_MISC_DIR_32)
55 USR_STARCAT_DIR = $(USR_PLAT_DIR)/SUNW,Sun-Fire-15000

```

```

56 USR_STARCAT_LIB_DIR = $(USR_STARCAT_DIR)/lib
57 USR_STARCAT_SBIN_DIR = $(USR_STARCAT_DIR)/sbin
58 USR_STARCAT_INC_DIR = $(USR_STARCAT_DIR)/include
59 USR_STARCAT_ISYS_DIR = $(USR_STARCAT_INC_DIR)/sys
61 STARCAT_LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/starcat/lint-libs/$(OBJS_DIR)
63 #
64 # Include the makefiles which define build rule templates, the
65 # collection of files per module, and a few specific flags. Note
66 # that order is significant, just as with an include path. The
67 # first build rule template which matches the files name will be
68 # used. By including these in order from most machine dependent
69 # to most machine independent, we allow a machine dependent file
70 # to be used in preference over a machine independent version
71 # (Such as a machine specific optimization, which preserves the
72 # interfaces.)
73 #
74 include $(UTSBASE)/sun4u/ngdr/Makefile.files
75 include $(UTSBASE)/sun4u/starcat/Makefile.files
77 #
78 # Include common rules.
79 #
80 include $(UTSBASE)/sun4u/Makefile.sun4u
82 #
83 # Define modules
84 #
85 STARCAT_KMODS += axq
86 STARCAT_KMODS += cvc
87 STARCAT_KMODS += cvcredir
88 STARCAT_KMODS += dman
89 STARCAT_KMODS += dr
90 STARCAT_KMODS += dirmach
91 STARCAT_KMODS += fcgp2
92 STARCAT_KMODS += gptwo_pci
93 STARCAT_KMODS += iosram
94 STARCAT_KMODS += mboxsc
95 STARCAT_KMODS += platmod
96 STARCAT_KMODS += sc_gptwoconfig
97 STARCAT_KMODS += schpc
98 STARCAT_KMODS += sckmdrv
99 STARCAT_KMODS += scosmb
101 #
102 # Define CPU modules.
103 #
104 STARCAT_CPU_KMODS += cheetah cheetahplus
106 #
107 # Links to UltraSparc III crypto modules
108 #
109 STARCAT_CRYPTOLINKS = aes
111 #
112 # Everybody needs to know how to build modstubs.o and to locate unix.o
113 #
114 UNIX_DIR = $(UTSBASE)/$(PLATFORM)/starcat/unix
115 MODSTUBS_DIR = $(UNIX_DIR)
116 DSF_DIR = $(UTSBASE)/$(PLATFORM)/starcat/genassym
117 LINTSDIR = $(OBJS_DIR)
118 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/starcat/lint-libs/$(OBJS_DIR)
120 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o

```

```
122 LINT_LIB      = $(LINT_LIB_DIR)/llib-lunix.ln
124 #
125 #      Define the actual specific platforms
126 #
127 MACHINE_DEFS  = -D$(PLATFORM) -D_MACHDEP -DSFMMU -DMP -DMIXEDCPU_DR_SUPPORTED
128 MACHINE_DEFS  += -D_CPU_SIGNATURE

130 #
131 #      Define platform specific value
132 #
133 MACHINE_DEFS  += -DNCPU=558
134 MACHINE_DEFS  += -DMAX_CPU_CHIPID=554
135 MACHINE_DEFS  += -DMAX_UPA=1024
136 MACHINE_DEFS  += -DIGN_SIZE=10
137 MACHINE_DEFS  += -DMAX_MEM_NODES=18

139 #
140 #      Define for inline pre-processing since
141 #      cpp not smart about v9 yet.
142 #      It's not smart about __sparc either since it only predefines sparc.
143 CPP_DEFS_32   = -D__sparc
144 CPP_DEFS_64   = -D__sparc -D__sparcv9
145 CPP_DEFS      = $(CPP_DEFS_$(CLASS))

147 #
148 # For now, disable these lint checks; maintainers should endeavor
149 # to investigate and remove these for maximum lint coverage.
150 # Please do not carry these forward to new Makefiles.
151 #
152 LINTTAGS      += -erroff=E_SUSPICIOUS_COMPARISON
153 LINTTAGS      += -erroff=E_BAD_PTR_CAST_ALIGN
154 LINTTAGS      += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
155 LINTTAGS      += -erroff=E_STATIC_UNUSED
156 LINTTAGS      += -erroff=E_PTRDIFF_OVERFLOW
157 LINTTAGS      += -erroff=E_ASSIGN_NARROW_CONV
25 include $(UTSBASE)/sun4u/starcat/Makefile.starcat.shared
```

new/usr/src/uts/sun4u/starcat/Makefile.targ

1

2482 Sat Dec 14 21:35:04 2013

new/usr/src/uts/sun4u/starcat/Makefile.targ
4266 remove Makefile*.shared nonsense in uts

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26 #
27 # Common targets for sun4u starcat implementation specific modules.
28 #
30 .KEEP_STATE:
32 #
33 # Rules for implementation subdirectories.
21 # ident "%Z%M% %I% %E% SMI"
34 #
35 $(ROOT_STARCAT_DIR): $(ROOT_PLAT_DIR)
36 -$(INS.dir)
38 $(ROOT_STARCAT_MOD_DIR): $(ROOT_STARCAT_DIR)
39 -$(INS.dir)
41 $(ROOT_STARCAT_CPU_DIR_32): $(ROOT_STARCAT_MOD_DIR)
42 -$(INS.dir)
44 $(ROOT_STARCAT_CPU_DIR_64): $(ROOT_STARCAT_CPU_DIR_32)
45 -$(INS.dir)
47 $(ROOT_STARCAT_DRV_DIR_32): $(ROOT_STARCAT_MOD_DIR)
48 -$(INS.dir)
50 $(ROOT_STARCAT_DRV_DIR_64): $(ROOT_STARCAT_DRV_DIR_32)
51 -$(INS.dir)
53 $(ROOT_STARCAT_MISC_DIR_32): $(ROOT_STARCAT_MOD_DIR)
54 -$(INS.dir)
55 #endif /* ! codereview */
```

new/usr/src/uts/sun4u/starcat/Makefile.targ

2

```
57 $(ROOT_STARCAT_MISC_DIR_64): $(ROOT_STARCAT_MISC_DIR_32)
58 -$(INS.dir)
23 UTSTREE=$(UTSBASE)
60 $(ROOT_STARCAT_CRYPTODIR_32): $(ROOT_STARCAT_MOD_DIR)
61 -$(INS.dir)
63 $(ROOT_STARCAT_CRYPTODIR_64): $(ROOT_STARCAT_CRYPTODIR_32)
64 -$(INS.dir)
66 $(USR_STARCAT_DIR): $(USR_PLAT_DIR)
67 -$(INS.dir)
69 $(USR_STARCAT_INC_DIR): $(USR_STARCAT_DIR)
70 $(INS.slink4)
72 $(USR_STARCAT_SBIN_DIR): $(USR_STARCAT_DIR)
73 -$(INS.slink5)
75 $(USR_STARCAT_LIB_DIR): $(USR_STARCAT_DIR)
76 -$(INS.dir)
78 $(USR_STARCAT_ISYS_DIR): $(USR_STARCAT_INC_DIR)
79 $(INS.dir)
81 $(ROOT_STARCAT_KERN_DIR)/%: $(OBS_DIR)/% $(ROOT_STARCAT_KERN_DIR) FRC
82 $(INS.file)
84 $(ROOT_STARCAT_DRV_DIR)/%: $(OBS_DIR)/% $(ROOT_STARCAT_DRV_DIR) FRC
85 $(INS.file)
87 $(ROOT_STARCAT_CPU_DIR)/%: $(OBS_DIR)/% $(ROOT_STARCAT_CPU_DIR) FRC
88 $(INS.file)
90 $(ROOT_STARCAT_MISC_DIR)/%: $(OBS_DIR)/% $(ROOT_STARCAT_MISC_DIR) FRC
91 $(INS.file)
93 #
94 # Include common targets.
95 #
96 include $(UTSBASE)/sun4u/ngdr/Makefile.rules
97 include $(UTSBASE)/sun4u/starcat/Makefile.rules
98 include $(UTSBASE)/sun4u/Makefile.targ
25 include $(UTSBASE)/sun4u/starcat/Makefile.targ.shared
```

```

*****
2602 Sat Dec 14 21:35:04 2013
new/usr/src/uts/sun4u/sunfire/Makefile.sunfire
4266 remove Makefile*.shared nonsense in uts
*****
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22 #
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25 #
26 # Global definitions for sun4u implementation specific modules.
27 #ident "%Z%M% %I% %E% SMI"
27 #

29 #
30 # Define the name of this implementation.
31 #

33 #
34 # Define directories.
35 #
36 ROOT_SUNFIRE_DIR = $(ROOT_PLAT_DIR)/SUNW,Ultra-Enterprise
37 ROOT_SUNFIRE_MOD_DIR = $(ROOT_SUNFIRE_DIR)/kernel

39 ROOT_SUNFIRE_DRV_DIR_32 = $(ROOT_SUNFIRE_MOD_DIR)/drv
40 ROOT_SUNFIRE_DRV_DIR_64 = $(ROOT_SUNFIRE_MOD_DIR)/drv/$(SUBDIR64)
41 ROOT_SUNFIRE_DRV_DIR = $(ROOT_SUNFIRE_DRV_DIR_$(CLASS))
42 ROOT_PLAT_DRV_DIRS = $(ROOT_SUNFIRE_DRV_DIR)
29 UTSTREE=$(UTSBASE)

44 ROOT_SUNFIRE_MISC_DIR_32 = $(ROOT_SUNFIRE_MOD_DIR)/misc
45 ROOT_SUNFIRE_MISC_DIR_64 = $(ROOT_SUNFIRE_MOD_DIR)/misc/$(SUBDIR64)
46 ROOT_SUNFIRE_MISC_DIR = $(ROOT_SUNFIRE_MISC_DIR_$(CLASS))

48 USR_SUNFIRE_DIR = $(USR_PLAT_DIR)/SUNW,Ultra-Enterprise
49 USR_SUNFIRE_INC_DIR = $(USR_SUNFIRE_DIR)/include
50 USR_SUNFIRE_ISYS_DIR = $(USR_SUNFIRE_INC_DIR)/sys
51 USR_SUNFIRE_SBIN_DIR = $(USR_SUNFIRE_DIR)/sbin
52 USR_SUNFIRE_LIB_DIR = $(USR_SUNFIRE_DIR)/lib

54 SUNFIRE_LINT_LIB_DIR= $(UTSBASE)/$(PLATFORM)/sunfire/lint-libs/$(OBSJ_DIR)

56 #
57 # Define objects.
58 #
59 SUNFIRE_OBJS = sunfire.o

```

```

61 include $(UTSBASE)/sun4u/sunfire/Makefile.files

63 #
64 # Include common rules.
65 #
66 include $(UTSBASE)/sun4u/Makefile.sun4u

68 #
69 # Define modules (must come after Makefile.sun4u).
70 #
71 SUNFIRE_KMODS = ac central environ fhc simmstat sysctrl sram

73 #
74 # For now, disable these lint checks; maintainers should endeavor
75 # to investigate and remove these for maximum lint coverage.
76 # Please do not carry these forward to new Makefiles.
77 #
78 LINTTAGS += -erroff=E_SUSPICIOUS_COMPARISON
79 LINTTAGS += -erroff=E_BAD_PTR_CAST_ALIGN
80 LINTTAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
81 LINTTAGS += -erroff=E_STATIC_UNUSED
82 LINTTAGS += -erroff=E_PTRDIFF_OVERFLOW
83 LINTTAGS += -erroff=E_ASSIGN_NARROW_CONV
31 include $(UTSBASE)/sun4u/sunfire/Makefile.sunfire.shared

```


new/usr/src/uts/sun4u/sunfire/Makefile.targ

1

```
*****
2045 Sat Dec 14 21:35:05 2013
new/usr/src/uts/sun4u/sunfire/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
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26 #
27 #
28 # Common targets for sun4u implementation specific modules.
29 #
30 #
31 .KEEP_STATE:
32 #
33 #
34 # Rules for implementation subdirectories.
35 #
36 $(ROOT_SUNFIRE_DIR): $(ROOT_PLAT_DIR)
37     -$(INS.dir)
38 #
39 $(ROOT_SUNFIRE_MOD_DIR): $(ROOT_SUNFIRE_DIR)
40     -$(INS.dir)
41 #
42 $(ROOT_SUNFIRE_MISC_DIR_32): $(ROOT_SUNFIRE_MOD_DIR)
43     -$(INS.dir)
44 #
45 $(ROOT_SUNFIRE_MISC_DIR_64): $(ROOT_SUNFIRE_MISC_DIR_32)
46     -$(INS.dir)
47 #
48 $(ROOT_SUNFIRE_DRV_DIR_32): $(ROOT_SUNFIRE_MOD_DIR)
49     -$(INS.dir)
50 #endif /* ! codereview */
51 #
52 $(ROOT_SUNFIRE_DRV_DIR_64): $(ROOT_SUNFIRE_DRV_DIR_32)
53     -$(INS.dir)
54 UTSTREE=$(UTSBASE)
55 #
56 $(USR_SUNFIRE_DIR): $(USR_PLAT_DIR)
57     -$(INS.dir)
58 #
59 $(USR_SUNFIRE_INC_DIR): $(USR_SUNFIRE_DIR) $(USR_PSM_INCL_DIR)
```

new/usr/src/uts/sun4u/sunfire/Makefile.targ

2

```
59     $(INS.slink4)
60 #
61 $(USR_SUNFIRE_ISYS_DIR): $(USR_SUNFIRE_INC_DIR)
62     $(INS.dir)
63 #
64 $(USR_SUNFIRE_SBIN_DIR): $(USR_SUNFIRE_DIR) $(USR_PSM_SBIN_DIR)
65     $(INS.slink5)
66 #
67 $(USR_SUNFIRE_LIB_DIR): $(USR_SUNFIRE_DIR) $(USR_PSM_LIB_DIR)
68     -$(INS.dir)
69 #
70 $(ROOT_SUNFIRE_MISC_DIR)/%: $(OBJS_DIR)/% $(ROOT_SUNFIRE_MISC_DIR) FRC
71     $(INS.file)
72 #
73 $(ROOT_SUNFIRE_DRV_DIR)/%: $(OBJS_DIR)/% $(ROOT_SUNFIRE_DRV_DIR) FRC
74     $(INS.file)
75 #
76 #
77 # Include common targets.
78 #
79 include $(UTSBASE)/sun4u/sunfire/Makefile.rules
80 include $(UTSBASE)/sun4u/Makefile.targ
81 #
82 include $(UTSBASE)/sun4u/sunfire/Makefile.targ.shared
```

new/usr/src/uts/sun4u/tazmo/Makefile.targ

1

2000 Sat Dec 14 21:35:05 2013

new/usr/src/uts/sun4u/tazmo/Makefile.targ

4266 remove Makefile*.shared nonsense in uts

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```

```
27 #
28 # Common targets for sun4u Tazmo implementation specific modules.
29 #
```

```
31 IMPLEMENTED_PLATFORM = SUNW,Ultra-4
```

```
33 .KEEP_STATE:
```

```
35 #
36 # Rules for implementation subdirectories.
37 #
38 $(ROOT_TAZMO_DIR): $(ROOT_PLAT_DIR)
39     -$(INS.dir)
```

```
41 $(ROOT_TAZMO_MOD_DIR): $(ROOT_TAZMO_DIR)
42     -$(INS.dir)
```

```
44 $(ROOT_TAZMO_DRV_DIR_32): $(ROOT_TAZMO_MOD_DIR)
45     -$(INS.dir)
```

```
47 $(ROOT_TAZMO_DRV_DIR_64): $(ROOT_TAZMO_DRV_DIR_32)
48     -$(INS.dir)
24 UTSTREE=$(UTSBASE)
```

```
50 $(ROOT_TAZMO_MISC_DIR_32): $(ROOT_TAZMO_MOD_DIR)
51     -$(INS.dir)
```

```
53 $(ROOT_TAZMO_MISC_DIR_64): $(ROOT_TAZMO_MISC_DIR_32)
54     -$(INS.dir)
```

new/usr/src/uts/sun4u/tazmo/Makefile.targ

2

```
56 $(USR_TAZMO_DIR): $(USR_PLAT_DIR)
57     -$(INS.dir)
```

```
59 $(USR_TAZMO_INC_DIR): $(USR_TAZMO_DIR)
60     -$(INS.slink4)
```

```
62 $(USR_TAZMO_SBIN_DIR): $(USR_TAZMO_DIR)
63     -$(INS.slink5)
```

```
65 $(USR_TAZMO_LIB_DIR): $(USR_TAZMO_DIR)
66     -$(INS.dir)
```

```
68 $(ROOT_TAZMO_MOD_DIR)%: $(OBJS_DIR)% $(ROOT_TAZMO_MOD_DIR) FRC
69     $(INS.file)
```

```
71 $(ROOT_TAZMO_MISC_DIR)%: $(OBJS_DIR)% $(ROOT_TAZMO_MISC_DIR) FRC
72     $(INS.file)
```

```
74 $(ROOT_TAZMO_DRV_DIR)%: $(OBJS_DIR)% $(ROOT_TAZMO_DRV_DIR) FRC
75     $(INS.file)
```

```
77 #
78 # Include common targets.
79 #
```

```
80 include $(UTSBASE)/sun4u/tazmo/Makefile.rules
```

```
81 include $(UTSBASE)/sun4u/Makefile.targ
```

```
26 include $(UTSBASE)/sun4u/tazmo/Makefile.targ.shared
```

new/usr/src/uts/sun4u/tazmo/Makefile.tazmo

1

2766 Sat Dec 14 21:35:05 2013

new/usr/src/uts/sun4u/tazmo/Makefile.tazmo

4266 remove Makefile*.shared nonsense in uts

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28 # Use is subject to license terms.
29 #
30 # Global definitions for sun4u implementation specific modules.
31 #
32 #
33 # Define directories.
34 # ident "%Z%M% %I% %E% SMI"
35 #
36 ROOT_TAZMO_DIR = $(ROOT_PLAT_DIR)/SUNW,Ultra-4
37 ROOT_TAZMO_MOD_DIR = $(ROOT_TAZMO_DIR)/kernel
38
39 ROOT_TAZMO_KERN_DIR_32 = $(ROOT_TAZMO_MOD_DIR)
40 ROOT_TAZMO_KERN_DIR_64 = $(ROOT_TAZMO_MOD_DIR)/$(SUBDIR64)
41 ROOT_TAZMO_DRV_DIR_32 = $(ROOT_TAZMO_MOD_DIR)/drv
42 ROOT_TAZMO_DRV_DIR_64 = $(ROOT_TAZMO_MOD_DIR)/drv/$(SUBDIR64)
43 ROOT_TAZMO_MISC_DIR_32 = $(ROOT_TAZMO_MOD_DIR)/misc
44 ROOT_TAZMO_MISC_DIR_64 = $(ROOT_TAZMO_MOD_DIR)/misc/$(SUBDIR64)
45 #endif /* ! codereview */
46
47 ROOT_TAZMO_KERN_DIR = $(ROOT_TAZMO_KERN_DIR_$(CLASS))
48 ROOT_TAZMO_MISC_DIR = $(ROOT_TAZMO_MISC_DIR_$(CLASS))
49 ROOT_TAZMO_DRV_DIR = $(ROOT_TAZMO_DRV_DIR_$(CLASS))
50
51 ROOT_PLAT_MOD_DIRS += $(ROOT_TAZMO_MOD_DIR)
52 ROOT_PLAT_MISC_DIRS += $(ROOT_TAZMO_MISC_DIR)
53 ROOT_PLAT_MISC_DIRS_32 += $(ROOT_TAZMO_MISC_DIR_32)
54 ROOT_PLAT_DRV_DIRS = $(ROOT_TAZMO_DRV_DIR)
55
56 USR_TAZMO_DIR = $(USR_PLAT_DIR)/SUNW,Ultra-4
57 USR_TAZMO_LINKED_DIR = $(USR_PLAT_DIR)/$(LINKED_PLATFORM)
58 USR_TAZMO_INC_DIR = $(USR_TAZMO_DIR)/include
59 USR_TAZMO_ISYS_DIR = $(USR_TAZMO_INC_DIR)/sys
```

new/usr/src/uts/sun4u/tazmo/Makefile.tazmo

2

```
57 USR_TAZMO_SBIN_DIR = $(USR_TAZMO_DIR)/sbin
58 USR_TAZMO_LIB_DIR = $(USR_TAZMO_DIR)/lib
59
60 TAZMO_LINT_LIB_DIR= $(UTSBASE)/$(PLATFORM)/tazmo/lint-libs/$(OBJS_DIR)
61
62 #
63 # Define objects.
64 #
65 TAZMO_OBJS = tazmo.o
66
67 include $(UTSBASE)/sun4u/tazmo/Makefile.files
68
69 #
70 # Include common rules.
71 #
72 include $(UTSBASE)/sun4u/Makefile.sun4u
73
74 #
75 # Define modules (must come after Makefile.sun4u).
76 #
77 TAZMO_KMODS = platmod
78 TAZMO_KMODS += envctrl
79
80 #
81 # For now, disable these lint checks; maintainers should endeavor
82 # to investigate and remove these for maximum lint coverage.
83 # Please do not carry these forward to new Makefiles.
84 #
85 LINTTAGS += -erroff=E_PTRDIFF_OVERFLOW
86 LINTTAGS += -erroff=E_BAD_PTR_CAST_ALIGN
87 LINTTAGS += -erroff=E_ASSIGN_NARROW_CONV
88 LINTTAGS += -erroff=E_SUSPICIOUS_COMPARISON
89
90 UTSTREE=$(UTSBASE)
91
92 include $(UTSBASE)/sun4u/tazmo/Makefile.tazmo.shared
```

```

*****
12121 Sat Dec 14 21:35:05 2013
new/usr/src/uts/sun4v/Makefile.sun4v
4266 remove Makefile*.shared nonsense in uts
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26 # Copyright (c) 2013 Andrew Stormont. All rights reserved.
27 #
28 # This makefile contains the common definitions for the sun4v unix
29 # and all sun4v implementation architecture dependent modules.
30 #

32 #
33 # Machine type (implementation architecture):
34 #
35 PLATFORM = sun4v
36 LINKED_PLATFORMS += SUNW,Sun-Fire-T1000
37 LINKED_PLATFORMS += SUNW,SPARC-Enterprise-T5120
38 LINKED_PLATFORMS += SUNW,SPARC-Enterprise-T5220
39 LINKED_PLATFORMS += SUNW,T5140
40 LINKED_PLATFORMS += SUNW,T5240
41 LINKED_PLATFORMS += SUNW,T5440
42 LINKED_PLATFORMS += SUNW,SPARC-Enterprise-T1000
43 LINKED_PLATFORMS += SUNW,Sun-Blade-T6300
44 LINKED_PLATFORMS += SUNW,Sun-Blade-T6320
45 LINKED_PLATFORMS += SUNW,Netra-CP3260
46 LINKED_PLATFORMS += SUNW,Netra-T5220
47 LINKED_PLATFORMS += SUNW,USBRDT-5240
48 LINKED_PLATFORMS += SUNW,Netra-T5440
49 LINKED_PLATFORMS += SUNW,Sun-Blade-T6340
50 PROMIF = ieee1275
51 PSMBASE = $(UTSBASE)/../psm

53 #
54 # uname -m value
55 #
56 UNAME_M = $(PLATFORM)

```

```

58 #
59 # Definitions for the platform-specific /platform directories.
60 #
61 # PLATFORMS designates those sun4v machines which have no platform
62 # specific code.
63 #
64 # IMPLEMENTATIONS is used to designate sun4v machines which have
65 # platform specific modules. All code specific to a given implementation
66 # resides in the appropriately named subdirectory. This requires
67 # these platforms to have their own Makefiles to define ROOT_PLAT_DIRS,
68 # USR_PLAT_DIRS, etc.
69 # The number of IMPLEMENTATIONS should not grow!
70 #
71 # So if we had an implementation named 'foo', we would need the following
72 # Makefiles in the foo subdirectory:
73 #
74 # sun4v/foo/Makefile
75 # sun4v/foo/Makefile.foo
76 # sun4v/foo/Makefile.targ
77 #

79 #
80 # all PLATFORMS that do not belong in the $(IMPLEMENTATIONS) list.
81 # This list should be empty. A platform without platform modules
82 # is a plain, generic sun4v platform.
83 #
84 #IMPLEMENTED_PLATFORM =
85 #PLATFORMS = $(IMPLEMENTED_PLATFORM)

87 IMPLEMENTATIONS = ontario montoya huron maramba

89 #ROOT_PLAT_DIRS = $(PLATFORMS:%=$(ROOT_PLAT_DIR)/%)
90 #USR_PLAT_DIRS = $(PLATFORMS:%=$(USR_PLAT_DIR)/%)

92 #USR_DESKTOP_DIR = $(USR_PLAT_DIR)/$(IMPLEMENTED_PLATFORM)
93 #USR_DESKTOP_INC_DIR = $(USR_DESKTOP_DIR)/include
94 #USR_DESKTOP_SBIN_DIR = $(USR_DESKTOP_DIR)/sbin
95 #USR_DESKTOP_LIB_DIR = $(USR_DESKTOP_DIR)/lib

97 #
98 # Define supported builds
99 #
100 DEF_BUILDS = $(DEF_BUILDS64)
101 ALL_BUILDS = $(ALL_BUILDS64)

103 #
104 # Everybody needs to know how to build modstubs.o and to locate unix.o
105 #
106 UNIX_DIR = $(UTSBASE)/$(PLATFORM)/unix
107 GENLIB_DIR = $(UTSBASE)/$(PLATFORM)/genunix
108 MODSTUBS_DIR = $(UNIX_DIR)
109 DSF_DIR = $(UTSBASE)/$(PLATFORM)/genassym
110 LINTS_DIR = $(OBJS_DIR)
111 LINT_LIB_DIR = $(UTSBASE)/$(PLATFORM)/lint-libs/$(OBJS_DIR)

113 DTRACESTUBS_O = $(OBJS_DIR)/dtracestubs.o
114 DTRACESTUBS = $(OBJS_DIR)/libdtracestubs.so

116 UNIX_O = $(UNIX_DIR)/$(OBJS_DIR)/unix.o
117 MODSTUBS_O = $(MODSTUBS_DIR)/$(OBJS_DIR)/modstubs.o
118 GENLIB = $(GENLIB_DIR)/$(OBJS_DIR)/libgenunix.so

120 LINT_LIB = $(LINT_LIB_DIR)/llib-lunix.ln
121 GEN_LINT_LIB = $(LINT_LIB_DIR)/llib-lgenunix.ln

123 LINT64_DIRS = $(LINT64_BUILDS:%=$(UTSBASE)/$(PLATFORM)/lint-libs/%)

```

```

124 LINT64_FILES      = $(LINT64_DIRS:%=/llib-1$(MODULE).ln)
126 #
127 #      cpu and platform modules need to know how to build their own symcheck mo
128 #
129 PLATMOD           = platmod
130 PLATLIB           = $(PLAT_DIR)/$(OBJS_DIR)/libplatmod.so
132 CPUNAME          = cpu
133 CPULIB            = $(CPU_DIR)/$(OBJS_DIR)/libcpu.so
135 SYM_MOD           = $(OBJS_DIR)/unix.sym
137 #
138 #      Include the makefiles which define build rule templates, the
139 #      collection of files per module, and a few specific flags. Note
140 #      that order is significant, just as with an include path. The
141 #      first build rule template which matches the files name will be
142 #      used. By including these in order from most machine dependent
143 #      to most machine independent, we allow a machine dependent file
144 #      to be used in preference over a machine independent version
145 #      (Such as a machine specific optimization, which preserves the
146 #      interfaces.)
147 #
148 include $(UTSBASE)/sun4/Makefile.files
149 include $(UTSBASE)/$(PLATFORM)/Makefile.files
150 include $(UTSBASE)/sfmmu/Makefile.files
151 include $(UTSBASE)/sparc/v9/Makefile.files
152 include $(UTSBASE)/sparc/Makefile.files
153 include $(UTSBASE)/sun/Makefile.files
154 include $(SRC)/psm/promif/$(PROMIF)/common/Makefile.files
155 include $(SRC)/psm/promif/$(PROMIF)/$(PLATFORM)/Makefile.files
156 include $(UTSBASE)/common/Makefile.files
158 #
159 #      Include machine independent rules. Note that this does not imply
160 #      that the resulting module from rules in Makefile.uts is machine
161 #      independent. Only that the build rules are machine independent.
162 #
163 include $(UTSBASE)/Makefile.uts
165 CTFMERGE_GUDIR   = sun4v
167 #
168 #      machine specific optimization, override default in Makefile.master
169 #
170 CC_XARCH          = -m64 -xarch=sparcv9
171 AS_XARCH          = -xarch=v9v
172 COPTIMIZE        = -xO3
173 CCMODE           = -Xa
175 CFLAGS           = -xchip=ultra $(CCABS32) $(CCREGSYM)
176 CFLAGS           += $(CC_XARCH)
177 CFLAGS           += $(COPTIMIZE)
178 CFLAGS           += $(EXTRA_CFLAGS)
179 CFLAGS           += $(XAOPT)
180 CFLAGS           += $(INLINES) -D_ASM_INLINES
181 CFLAGS           += $(CCMODE)
182 CFLAGS           += $(SPACEFLAG)
183 CFLAGS           += $(CERRWARN)
184 CFLAGS           += $(CTF_FLAGS_$(CLASS))
185 CFLAGS           += $(C99MODE)
186 CFLAGS           += $(CCUNBOUND)
187 CFLAGS           += $(CCNOAUTOINLINE)
188 CFLAGS           += $(CCSTATICSYM)
189 CFLAGS           += $(CC32BITCALLERS)

```

```

190 CFLAGS           += $(IROPTFLAG)
191 CFLAGS           += $(CGLOBALSTATIC)
192 CFLAGS           += -xregs=no%float
193 CFLAGS           += -xstrconst
194 CFLAGS           += $(CSOURCEDEBUGFLAGS)
195 CFLAGS           += $(USERFLAGS)
197 CPPFLAGS        += -DGLREG
199 ASFLAGS         += $(AS_XARCH) -DGLREG
201 AS_INC_PATH     += -I$(DSF_DIR)/$(OBJS_DIR)
203 LINT_KMODS      += $(GENUNIX_KMODS)
205 LINT_DEFS       = -m64
207 #
208 #      The following must be defined for all implementations:
209 #
210 #      MAPFILE:           ld mapfile for the build of kernel/unix.
211 #      MODSTUBS:         Module stubs source file.
212 #      GENCONST_SRC:     genconst.c
213 #      OFFSETS:          offsets.in
214 #      PLATFORM_OFFSETS: Platform specific mach_offsets.in
215 #      FDOFFSETS:        fd_offsets.in
216 #
217 MAPFILE         = $(UTSBASE)/sun4/conf/Mapfile
218 MODSTUBS        = $(UTSBASE)/sparc/ml/modstubs.s
219 GENCONST_SRC    = $(UTSBASE)/sun4/ml/genconst.c
220 OFFSETS         = $(UTSBASE)/sun4/ml/offsets.in
221 PLATFORM_OFFSETS = $(UTSBASE)/sun4v/ml/mach_offsets.in
222 FDOFFSETS       = $(UTSBASE)/sun4v/ml/fd_offsets.in
224 #
225 #      Define the actual specific platforms
226 #
228 MACHINE_DEFS    = -D$(PLATFORM) -D_MACHDEP -DSFMMU
229 MACHINE_DEFS    += -D_MAX_MEM_NODES=8
231 #
232 #      Software workarounds for hardware "features"
233 #
235 include $(UTSBASE)/$(PLATFORM)/Makefile.workarounds
237 #endif /* ! codereview */
238 #
239 #      Debugging level
240 #      ident "%Z%M% %I% %E% SMI"
241 #
242 #      Special knowledge of which special debugging options effect which
243 #      file is used to optimize the build if these flags are changed.
244 #
245 #      XXX: The above could possibly be done for more flags and files, but
246 #      is left as an experiment to the interested reader. Be forewarned,
247 #      that excessive use could lead to maintenance difficulties.
248 #
249 #      Note: kslicc can be enabled for the sun4v, but is disabled by default
250 #      in all cases.
252 DEBUG_DEFS_OBJS64 =
253 DEBUG_DEFS_DBG64  = -DDEBUG
254 DEBUG_DEFS        = $(DEBUG_DEFS_$(BUILD_TYPE))

```

```

256 DEBUG_COND_OBJ64      = $(POUND_SIGN)
257 DEBUG_COND_DBG64     =
258 IF_DEBUG_OBJ         = $(DEBUG_COND_$(BUILD_TYPE))$(OBJS_DIR)/

260 $(IF_DEBUG_OBJ)trap.o      :=      DEBUG_DEFS      += -DTRAPDEBUG
261 $(IF_DEBUG_OBJ)mach_trap.o :=      DEBUG_DEFS      += -DTRAPDEBUG
262 $(IF_DEBUG_OBJ)syscall_trap.o :=    DEBUG_DEFS      += -DSYSCALLTRACE
263 $(IF_DEBUG_OBJ)clock.o    :=      DEBUG_DEFS      += -DKSLICE=0

265 IF_TRAPTRACE_OBJ = $(IF_DEBUG_OBJ)
266 # comment this out for a non-debug kernel with TRAPTRACE
267 #IF_TRAPTRACE_OBJ = $(OBJS_DIR)/

269 $(IF_TRAPTRACE_OBJ)mach_locore.o :=    DEBUG_DEFS      += -DTRAPTRACE
270 $(IF_TRAPTRACE_OBJ)mlsetup.o    :=    DEBUG_DEFS      += -DTRAPTRACE
271 $(IF_TRAPTRACE_OBJ)syscall_trap.o :=    DEBUG_DEFS      += -DTRAPTRACE
272 $(IF_TRAPTRACE_OBJ)startup.o    :=    DEBUG_DEFS      += -DTRAPTRACE
273 $(IF_TRAPTRACE_OBJ)mach_startup.o :=    DEBUG_DEFS      += -DTRAPTRACE
274 $(IF_TRAPTRACE_OBJ)mp_startup.o :=    DEBUG_DEFS      += -DTRAPTRACE
275 $(IF_TRAPTRACE_OBJ)cpu_states.o :=    DEBUG_DEFS      += -DTRAPTRACE
276 $(IF_TRAPTRACE_OBJ)mach_cpu_states.o :=  DEBUG_DEFS      += -DTRAPTRACE
277 $(IF_TRAPTRACE_OBJ)interrupt.o  :=    DEBUG_DEFS      += -DTRAPTRACE
278 $(IF_TRAPTRACE_OBJ)mach_interrupt.o :=    DEBUG_DEFS      += -DTRAPTRACE
279 $(IF_TRAPTRACE_OBJ)sfmmu_asm.o  :=    DEBUG_DEFS      += -DTRAPTRACE
280 $(IF_TRAPTRACE_OBJ)trap_table.o :=    DEBUG_DEFS      += -DTRAPTRACE
281 $(IF_TRAPTRACE_OBJ)xc.o         :=    DEBUG_DEFS      += -DTRAPTRACE
282 $(IF_TRAPTRACE_OBJ)mach_xc.o    :=    DEBUG_DEFS      += -DTRAPTRACE
283 $(IF_TRAPTRACE_OBJ)wbuf.o       :=    DEBUG_DEFS      += -DTRAPTRACE
284 $(IF_TRAPTRACE_OBJ)trap.o       :=    DEBUG_DEFS      += -DTRAPTRACE
285 $(IF_TRAPTRACE_OBJ)mach_trap.o  :=    DEBUG_DEFS      += -DTRAPTRACE
286 $(IF_TRAPTRACE_OBJ)x_call.o     :=    DEBUG_DEFS      += -DTRAPTRACE

288 # Comment these out if you don't want dispatcher lock statistics.

290 #$(IF_DEBUG_OBJ)lock_prim.o      := DEBUG_DEFS      += -DDISP_LOCK_STATS
291 #$(IF_DEBUG_OBJ)disp.o          := DEBUG_DEFS      += -DDISP_LOCK_STATS

293 # Comment these out if you don't want dispatcher debugging

295 #$(IF_DEBUG_OBJ)lock_prim.o      := DEBUG_DEFS      += -DDISP_DEBUG

297 #
298 #   Collect the preprocessor definitions to be associated with *all*
299 #   files.
300 #
301 ALL_DEFS      = $(MACHINE_DEFS) $(WORKAROUND_DEFS) $(DEBUG_DEFS) \
302                $(OPTION_DEFS)
303 GENCONST_DEFS = $(MACHINE_DEFS) $(OPTION_DEFS)

305 #
306 # ----- TRANSITIONAL SECTION -----
307 #

309 #
310 #   Not everything which *should* be a module is a module yet. The
311 #   following is a list of such objects which are currently part of
312 #   the base kernel but should soon become kmods.
313 #
314 MACH_NOT_YET_KMODS      = $(AUTOCONF_OBJS)

316 #
317 # ----- END OF TRANSITIONAL SECTION -----
318 #

320 #

```

```

321 #   The kernels modules which are "implementation architecture"
322 #   specific for this machine are enumerated below. Note that most
323 #   of these modules must exist (in one form or another) for each
324 #   architecture.
325 #
326 #   Common Drivers (usually pseudo drivers) (/kernel/drv):
327 #
328 #
329 #
330 #   Machine Specific Driver Modules (/kernel/drv):
331 #
332 DRV_KMODS      += bge
333 DRV_KMODS      += cnex
334 DRV_KMODS      += cpc
335 DRV_KMODS      += drctl
336 DRV_KMODS      += ds_pri
337 DRV_KMODS      += ds_smp
338 DRV_KMODS      += ebus
339 DRV_KMODS      += fpc
340 DRV_KMODS      += glvc
341 DRV_KMODS      += mdesc
342 DRV_KMODS      += niuwx
343 DRV_KMODS      += ntwdt
344 DRV_KMODS      += nxge
345 DRV_KMODS      += n2piupc
346 DRV_KMODS      += iospc
347 DRV_KMODS      += n2rng
348 DRV_KMODS      += px
349 DRV_KMODS      += qcn
350 DRV_KMODS      += rootnex
351 DRV_KMODS      += su
352 DRV_KMODS      += tpm
353 DRV_KMODS      += trapstat
354 DRV_KMODS      += vcc
355 DRV_KMODS      += vdc
356 DRV_KMODS      += vds
357 DRV_KMODS      += vldc
358 DRV_KMODS      += vlds
359 DRV_KMODS      += vnet
360 DRV_KMODS      += vnex
361 DRV_KMODS      += vsw

363 #
364 #   Exec Class Modules (/kernel/exec):
365 #
366 EXEC_KMODS      +=
367 #endif /* ! codereview */

369 #
370 #   Scheduling Class Modules (/kernel/sched):
371 #
372 SCHED_KMODS      +=

374 #
375 #   File System Modules (/kernel/fs):
376 #
377 FS_KMODS          +=

379 #
380 #   Streams Modules (/kernel/strmod):
381 #
382 STRMOD_KMODS     += kb

384 #
385 #   'System' Modules (/kernel/sys):
386 #

```

```
387 SYS_KMODS      +=

389 #
390 #       'User' Modules (/kernel/misc):
391 #
392 MISC_KMODS      += bootdev
393 MISC_KMODS      += dr_cpu
394 MISC_KMODS      += dr_io
395 MISC_KMODS      += dr_mem
396 MISC_KMODS      += ds
397 MISC_KMODS      += fault_iso
398 MISC_KMODS      += ldc
399 MISC_KMODS      += obpsym
400 MISC_KMODS      += platmod
401 MISC_KMODS      += platsvc
402 MISC_KMODS      += vis
403 MISC_KMODS      += pcie

405 #       md5 optimized for Niagara
406 #
407 MISC_KMODS      += md5

409 #
410 #       Brand modules
411 #
412 BRAND_KMODS     += snl_brand s10_brand

414 #
415 #       Software Cryptographic Providers (/kernel/crypto):
416 #
417 CRYPTO_KMODS    += arcfour
22 UTSTREE=$(UTSBASE)

419 #
420 #       generic-unix module (/kernel/genunix):
421 #
422 GENUNIX_KMODS   += genunix

424 #
425 #       Modules eXcluded from the product:
426 #
427 XMODS           +=

429 #
430 #       cpu modules
431 #
432 CPU_KMODS       += generic niagara niagara2 vfalls kt

434 LINT_CPU_KMODS += generic

436 #
437 #       Performance Counter BackEnd Modules (/usr/kernel/pcbe):
438 #
439 PCBE_KMODS      += niagara_pcbe
440 PCBE_KMODS      += niagara2_pcbe
441 PCBE_KMODS      += vfalls_pcbe
442 PCBE_KMODS      += kt_pcbe
24 include $(UTSBASE)/sun4v/Makefile.sun4v.shared
```

new/usr/src/uts/sun4v/Makefile.targ

1

```
*****
1641 Sat Dec 14 21:35:05 2013
new/usr/src/uts/sun4v/Makefile.targ
4266 remove Makefile*.shared nonsense in uts
*****
```

```
1 #
2 #endif /* ! codereview */
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License, Version 1.0 only
7 # (the "License"). You may not use this file except in compliance
8 # with the License.
9 #
10 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
11 # or http://www.opensolaris.org/os/licensing.
12 # See the License for the specific language governing permissions
13 # and limitations under the License.
14 #
15 # When distributing Covered Code, include this CDDL HEADER in each
16 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
17 # If applicable, add the following below this CDDL HEADER, with the
18 # fields enclosed by brackets "[]" replaced with your own identifying
19 # information: Portions Copyright [yyyy] [name of copyright owner]
20 #
21 # CDDL HEADER END
22 #
23 #
24 # uts/sun4v/Makefile.targ
25 #endif /* ! codereview */
26 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
27 # Use is subject to license terms.
28 #
29 # This Makefile defines the set of all required, target containing
30 # included Makefiles for the sun4v "implementation architecture".
31 # ident "%Z%M% %I% %E% SMI"
32 #
33 #
34 # Targets for all implementations:
35 #
36 include $(UTSBASE)/Makefile.targ
37 UTSTREE=$(UTSBASE)
38 #
39 # Target set for sun4v (order is somewhat important, sun4 should come
40 # after sun4v)
41 #
42 include $(UTSBASE)/sun4/Makefile.rules
43 include $(UTSBASE)/sun4v/Makefile.rules
44 include $(UTSBASE)/sfmmu/Makefile.rules
45 include $(UTSBASE)/sparc/v9/Makefile.rules
46 include $(UTSBASE)/sparc/Makefile.rules
47 include $(UTSBASE)/sun/Makefile.rules
48 include $(PSMBASE)/promif/$(PROMIF)/common/Makefile.rules
49 include $(PSMBASE)/promif/$(PROMIF)/sun4v/Makefile.rules
50 include $(UTSBASE)/common/Makefile.rules
51 include $(UTSBASE)/sun4v/Makefile.targ.shared
```