

new/usr/src/cmd/ha-services/gds-agents/Makefile

1

```
*****
1368 Tue Jan 22 20:55:27 2008
new/usr/src/cmd/ha-services/gds-agents/Makefile
*****
1 #
2 # CDDL HEADER START
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18 #
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21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
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25 #
26 #ident "@(#)Makefile 1.12 07/08/15 SMI"
27 #
28 # cmd/ha-services/gds-agents/Makefile
29 #
30 # Definitions common to command source.
31 include $(SRC)/Makefile.master
32 #
33 SUBDIRS = \
34     9ias \
35     dhc \
36     ebs \
37     ids \
38     mys \
39     pax \
40     PostgreSQL \
41     saa \
42     sag \
43     sge \
44     smb \
45     sps \
46     tomcat \
47     zone
48 #
49 # Assume open source developers don't have access to the IBM WebSphere MQ
50 # development repository "${EXTERNAL_PKGS}/MQ"
51 $(CLOSED_BUILD)SUBDIRS += \
52     mqi \
53     mqs
54 #
55 include $(SRC)/Makefile.subdirs
56 #
57 .PARALLEL: $(SUBDIRS)
```

new/usr/src/cmd/ha-services/gds-agents/ids/Makefile

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```
*****
1907 Tue Jan 22 20:55:27 2008
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new/usr/src/cmd/ha-services/gds-agents/ids/Makefile

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*****
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```
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19 # CDDL HEADER END
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21 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
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23 #
24 #ident      "%Z%M% %I%      %E% SMI"
25 #
26 # usr/src/cmd/ha-services/gds-agents/ids/Makefile
27 #
28 #
29 # list common shell scripts for $(PKGNAME)/bin
30 KSH_BIN_SRCS = control_ids.ksh \
31               functions.ksh
32 #
33 # list config file for $(PKGNAME)/etc
34 CONF = config
35 #
36 # list common util shell scripts for $(PKGNAME)/util
37 KSH_UTIL_SRCS = ids_register.ksh \
38               ids_smf_register.ksh \
39               ids_smf_remove.ksh
40 #
41 # list common util config files for $(PKGNAME)/util
42 UTIL_CONF = ids_config
43 #
44 PROG = $(KSH_BIN_SRCS:%.ksh=%)
45 #
46 UTILPROG = $(KSH_UTIL_SRCS:%.ksh=%) $(UTIL_CONF)
47 #
48 include $(SRC)/cmd/Makefile.cmd
49 #
50 # Packaging
51 PKGNAME = SUNWscids
52 RTRFILE = SUNW.ids
53 #
54 # Disable I18N stuff, the po filename needs to be unique to support parallel
55 # builds of the agents below gds-agents
56 POFILE= $(PKGNAME).po
57 PIFILES=
58 #
59 # Disable lint
60 LINTFILES=
61 #
62 .KEEP_STATE:
```

new/usr/src/cmd/ha-services/gds-agents/ids/Makefile

2

```
64 all: $(PROG) $(UTILPROG)
65 #
66 .PARALLEL: $(PROG) $(UTILPROG)
67 #
68 install: all $(ROOTOPTBINPROG) $(ROOTOPTETCRTR) $(ROOTOPTETCCONF) $(ROOTOPTUTILP
69 #
70 clean:
71       $(RM) $(PROG) $(KSH_UTIL_SRCS:%.ksh=%)
72 #
73 include $(SRC)/cmd/Makefile.targ
```

```

*****
21392 Tue Jan 22 20:55:28 2008
new/usr/src/cmd/ha-services/gds-agents/ids/functions.ksh
*****
1 #
2 # CDDL HEADER START
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18 #
19 # CDDL HEADER END
20 #
21 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
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23 #
24 #ident      "%Z%M% %I%      %E% SMI"
25 #

27 PKG=SUNWscids
28 LOGFILE=/var/tmp/${RESOURCE}_logfile
29 TASK_COMMAND=""
30 RESOURCE_PROJECT_NAME=""
31 SCLOGGER=/usr/cluster/lib/sc/scds_syslog
32 LOGGER=/usr/bin/logger

34 syslog_tag()
35 {
36     ${SET_DEBUG}
37     print "SC[${PKG:-??}].${COMPONENT:-??}.${METHOD:-??}]:${RESOURCEGROUP:-??}"
38 }

40 scds_syslog()
41 {
42     if [ -f "${SCLOGGER}" ]
43     then
44         ${SCLOGGER} "$@" &
45     else
46         while getopts 'p:t:m' opt
47         do
48             case "${opt}" in
49                 t) TAG=${OPTARG};;
50                 p) PRI=${OPTARG};;
51             esac
52         done
53
54         shift $(( ${OPTIND} - 1 ))
55         LOG_STRING="/usr/bin/printf "$@"`
56         ${LOGGER} -p ${PRI} -t ${TAG} ${LOG_STRING}
57     fi
58 }

60 debug_message()
61 {
62     if [ "${DEBUG}" = "${RESOURCE}" -o "${DEBUG}" = "ALL" ]

```

```

63     then
64         SET_DEBUG="set -x"
65         DEBUG_TEXT=${1}

67         scds_syslog -p daemon.debug -t $(syslog_tag) -m \
68             "%s" "${DEBUG_TEXT}"
69     else
70         SET_DEBUG=
71     fi
72 }

74 log_message()
75 {
76     debug_message "Function: log_message - Begin"
77     {SET_DEBUG}

79     if [ -s "${LOGFILE}" ]
80     then
81         PRIORITY=$1
82         HEADER=$2

84         strings ${LOGFILE} > ${LOGFILE}.copy

86         while read MSG_TXT
87         do
88             scds_syslog -p daemon.${PRIORITY} -t $(syslog_tag) -m \
89                 "%s - %s" \
90                 "${HEADER}" "${MSG_TXT}"
91         done < ${LOGFILE}.copy

93         cat /dev/null > ${LOGFILE}
94     fi

96     debug_message "Function: log_message - End"
97 }

99 set_redirection()
100 {
101     debug_message "Function: set_redirection - Begin"
102     ${SET_DEBUG}

104     if /usr/bin/getent passwd ${USERID} | /usr/bin/awk -F: '{print $7}' | /u
105     then
106         OUTPUT=">& ${LOGFILE}"
107     else
108         OUTPUT="> ${LOGFILE} 2>&1"
109     fi

111     debug_message "Function: set_redirection - End"
112 }

114 validate()
115 {
116     debug_message "Function: validate - Begin"
117     ${SET_DEBUG}

119     rc=0

121     # Note that group/user informix is an IDS requirement. Refer to
122     # http://publib.boulder.ibm.com/infocenter/ids/ids/v111/index.jsp?topic
123     # and in particular Installing IDS.

125     if /usr/bin/getent passwd informix > /dev/null
126     then
127         debug_message "Validate - User informix exists"
128     else

```

```

129 # SCMSGS
130 # @explanation
131 # The userid informix does not exist.
132 # @user_action
133 # You must create the userid informix.
134 scds_syslog -p daemon.error -t $(syslog_tag) -m \
135     "Validate - User informix does not exist"
136 rc=1
137 fi

139 if /usr/bin/getent group informix > /dev/null
140 then
141     debug_message "Validate - Group informix exists"
142 else
143     # SCMSGS
144     # @explanation
145     # The group informix does not exist.
146     # @user_action
147     # You must create the group informix.
148     scds_syslog -p daemon.error -t $(syslog_tag) -m \
149         "Validate - Group informix does not exist"
150     rc=1
151 fi

153 if [ "${USERID}" = "informix" ]
154 then
155     debug_message "Validate - Userid is informix"
156 else
157     pgroup=`/usr/bin/getent passwd ${USERID} | /usr/bin/awk -F: '{print $
158
159     if [ -n "${pgroup}" ]
160     then
161         if /usr/bin/getent group ${pgroup} | /usr/bin/awk -F: '{ if ($1
162             /usr/bin/grep "^${pgroup}$" > /dev/null
163         then
164             debug_message "Validate - Primary group for userid ${USERID}
165         else
166             if /usr/bin/getent group informix | /usr/bin/awk -F: '{print
167                 /usr/bin/grep ${USERID} > /dev/null
168             then
169                 debug_message "Validate - Secondary group for userid ${U
170             else
171                 # SCMSGS
172                 # @explanation
173                 # The user is not a member of the group informix.
174                 # @user_action
175                 # Ensure the user is a member of the group informix.
176                 scds_syslog -p daemon.error -t $(syslog_tag) -m \
177                     "Validate - Userid %s is not a member of group inform
178                     "${USERID}"
179                 rc=1
180             fi
181         fi
182     else
183         # SCMSGS
184         # @explanation
185         # The user is not a valid userid.
186         # @user_action
187         # Ensure the user name is correct.
188         scds_syslog -p daemon.error -t $(syslog_tag) -m \
189             "Validate - User %s is not a valid userid" \
190             "${USERID}"
191         rc=1
192     fi
193 fi

```

```

195 if [ -d "${INFORMIXDIR}" ]
196 then
197     debug_message "Validate - ${INFORMIXDIR} exists"

199     if [ -x "${INFORMIXDIR}/bin/oninit" ]
200     then
201         debug_message "Validate - ${INFORMIXDIR}/bin/oninit exists and i
202     else
203         # SCMSGS
204         # @explanation
205         # oninit was not found in ${INFORMIXDIR}/bin.
206         # @user_action
207         # Ensure that ${INFORMIXDIR} is the directory path
208         # where the Informix files are installed.
209         scds_syslog -p daemon.error -t $(syslog_tag) -m \
210             "Validate - %s/bin/oninit does not exist" \
211             "${INFORMIXDIR}"
212         rc=1
213     fi
214 else
215     # SCMSGS
216     # @explanation
217     # ${INFORMIXDIR} does not exist or is not a directory.
218     # @user_action
219     # Ensure that ${INFORMIXDIR} is the directory path
220     # where the Informix files are installed.
221     scds_syslog -p daemon.error -t $(syslog_tag) -m \
222         "Validate - %s does not exist or is not a directory" \
223         "${INFORMIXDIR}"
224     rc=1
225 fi

227 # Here, we check that the ${ONCONFIG} file contains
228 # the ROOTNAME variable, below is snipped sample
229 # ${ONCONFIG} file containing ROOTNAME.
230 #
231 # ROOTNAME      rootdbs      # Root dbspace name

233 if [ -f "${INFORMIXDIR}/etc/${ONCONFIG}" ]
234 then
235     debug_message "Validate - ${INFORMIXDIR}/etc/${ONCONFIG} exists"

237     if /usr/xpg4/bin/grep -qw ROOTNAME ${INFORMIXDIR}/etc/${ONCONFIG}
238     then
239         debug_message "Validate - ROOTNAME found in ${INFORMIXDIR}/etc/$
240     else
241         # SCMSGS
242         # @explanation
243         # ${INFORMIXDIR}/bin/${ONCONFIG} is not a valid onconfig file.
244         # @user_action
245         # Ensure that ${INFORMIXDIR}/etc/${ONCONFIG} is a valid onconfig
246         scds_syslog -p daemon.error -t $(syslog_tag) -m \
247             "Validate - %s/bin/%s is not a valid onconfig file" \
248             "${INFORMIXDIR}" "${ONCONFIG}"
249         rc=1
250     fi

252     # Here, we check that the ${ONCONFIG} file contains
253     # the ${INFORMIXSERVER} name, below is snipped sample
254     # ${ONCONFIG} file containing ${INFORMIXSERVER}.
255     #
256     # DBSERVERNAME      demo_on
257     #
258     # Note that ${INFORMIXSERVER} is represented by "demo_on".

260 if /usr/xpg4/bin/grep -qw ${INFORMIXSERVER} ${INFORMIXDIR}/etc/${ONCO

```

```

261     then
262         debug_message "Validate - ${INFORMIXSERVER} found in ${INFORMIXD
263     else
264         # SCMSGS
265         # @explanation
266         # ${INFORMIXDIR}/etc/${ONCONFIG} does not contain ${INFORMIXSERV
267         # @user_action
268         # Ensure that ${INFORMIXDIR}/etc/${ONCONFIG} contains ${INFORMIX
269         scds_syslog -p daemon.error -t $(syslog_tag) -m \
270             "Validate - %s/etc/%s does not contain %s" \
271             "${INFORMIXDIR}" "${ONCONFIG}" "${INFORMIXSERVER}"
272         rc=1
273     fi
274 else
275     # SCMSGS
276     # @explanation
277     # ${INFORMIXDIR}/etc/${ONCONFIG} does not exist.
278     # @user_action
279     # Ensure that ${INFORMIXDIR}/etc/${ONCONFIG} exists.
280     scds_syslog -p daemon.error -t $(syslog_tag) -m \
281         "Validate - %s/etc/%s does not exist" \
282         "${INFORMIXDIR}" "${ONCONFIG}"
283     rc=1
284 fi

286 # Here, we check that the ${INFORMIXSQLHOSTS} file contains
287 # the ${INFORMIXSERVER} name, below is snipped sample
288 # ${INFORMIXSQLHOSTS} file containing ${INFORMIXSERVER}.
289 #
290 # demo_on      ontlitcp      lzmuttla      9088
291 #
292 # Note that ${INFORMIXSERVER} is represented by "demo_on".

294 if [ -f "${INFORMIXSQLHOSTS}" ]
295 then
296     debug_message "Validate - ${INFORMIXSQLHOSTS} exists"

298     if /usr/xpg4/bin/grep -qw ${INFORMIXSERVER} ${INFORMIXSQLHOSTS}
299     then
300         debug_message "Validate - ${INFORMIXSERVER} found in ${INFORMIXS
301     else
302         # SCMSGS
303         # @explanation
304         # ${INFORMIXSQLHOSTS} does not contain ${INFORMIXSERVER}.
305         # @user_action
306         # Ensure that ${INFORMIXSQLHOSTS} is contains ${INFORMIXSERVER}.
307         scds_syslog -p daemon.error -t $(syslog_tag) -m \
308             "Validate - %s does not contain %s" \
309             "${INFORMIXSQLHOSTS}" "${INFORMIXSERVER}"
310         rc=1
311     fi
312 else
313     # SCMSGS
314     # @explanation
315     # ${INFORMIXSQLHOSTS} does not exist.
316     # @user_action
317     # Ensure that ${INFORMIXSQLHOSTS} exists.
318     scds_syslog -p daemon.error -t $(syslog_tag) -m \
319         "Validate - %s does not exist" \
320         "${INFORMIXSQLHOSTS}"
321     rc=1
322 fi

324 if [ "${rc}" -eq 0 ]
325 then
326     # SCMSGS

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327     # @explanation
328     # The Informix Server validation was successful.
329     # @user_action
330     # None required, informational message.
331     scds_syslog -p daemon.info -t $(syslog_tag) -m \
332         "Validate - Informix Server (%s) validation was successful" \
333         "${INFORMIXSERVER}"
334 fi
335
336 debug_message "Function: validate - End"
337 return ${rc}
338 }

340 start_ids()
341 {
342     debug_message "Function: start_ids - Begin"
343     ${SET_DEBUG}

345     /usr/bin/rm ${LOGFILE} > /dev/null

347     if [ "${CALLER}" = "GDS" ]
348     then
349         get_state
350         check_ids debug
351         rc=?

353         # Check_ids will return 0 if
354         # - The Informix Server is running
355         # - No blocked on "MEDIA FAILURE" or "HANG_SYSTEM" exists

357         if [ "${rc}" -eq 0 ]
358         then
359             # Turn off PMF restart if ${INFORMIXSERVER} has been manually st
360             /usr/bin/sleep ${START_TIMEOUT} &
361             /usr/cluster/bin/pmfadm -s ${RESOURCEGROUP},${RESOURCE},0.svc
362
363             # SCMSGS
364             # @explanation
365             # The specified Informix Server has been manually started.
366             # @user_action
367             # None required. Informational message.
368             scds_syslog -p daemon.notice -t $(syslog_tag) -m \
369                 "start_ids - Informix Server (%s) was manually started" \
370                 "${INFORMIXSERVER}"

372             return 0
373         fi

375         /usr/bin/su ${USERID} -c "${TASK_COMMAND} env INFORMIXDIR=${INFORMIXD

377     else
378         env INFORMIXDIR=${INFORMIXDIR} INFORMIXSERVER=${INFORMIXSERVER} INFOR

380     fi

382     rc=?

384     if [ "${rc}" -eq 0 ]
385     then
386         # SCMSGS
387         # @explanation
388         # The specified Informix Server was started successfully.
389         # @user_action
390         # None required. Informational message.
391         scds_syslog -p daemon.info -t $(syslog_tag) -m \
392             "start_ids - Informix Server (%s) started rc(%s)" \

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393     "${INFORMIXSERVER}" "${rc}"
395     # At present there is no equivalent "wait_for_online" within SMF
396     # therefore we'll perform our own.
398     if [ "${CALLER}" = "SMF" ]
399     then
400         smf_wait_for_online
401         rc=?
402     fi
403     else
404         # SCMSGs
405         # @explanation
406         # The specified Informix Server failed to start.
407         # @user_action
408         # Check the syslog for further messages. If possible the
409         # Solaris Cluster will attempt to restart the Informix
410         # Server.
411         scds_syslog -p daemon.error -t $(syslog_tag) -m \
412             "start_ids - Informix Server (%s) failed to start rc(%s)" \
413             "${INFORMIXSERVER}" "${rc}"
415         log_message error "start_ids rc(${rc})"
416     fi
418     debug_message "Function: start_ids - End"
419     return ${rc}
420 }

422 check_start()
423 {
424     debug_message "Function: check_start - Begin"
425     ${SET_DEBUG}
427     if [ "${CALLER}" = "GDS" ]
428     then
429         if [ -x /sbin/zonename ]
430         then
431             /usr/bin/pgrep -z ${ZONENAME} -f "$1 .*-R ${RESOURCE}" >/dev/nu
432         else
433             /usr/bin/pgrep -u root -f "$1 .*-R ${RESOURCE}" >/dev/null 2>&1
434         fi
435     else
436         /usr/bin/pgrep -u ${USERID} -f "$1 ${RESOURCE}" >/dev/null 2>&1
437     fi
439     rc=$?
441     debug_message "Function: check_start - End"
442     return ${rc}
443 }

445 get_state()
446 {
447     debug_message "Function: get_state - Begin"
448     ${SET_DEBUG}
450     # The Informix Dynamic Server has an operating mode which can be obtained
451     # by using the "onstat -" utility that prints the output header of the
452     # onstat utility. The format of the output header is as follows,
453     #
454     # Version--Mode (Type)--(Checkpnt)--Up Uptime--Sh_mem Kbytes
455     #
456     # "Version" will contain the product name and version number.
457     # "Mode" will contain the current operating mode.
458     #

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459     # In addition to the operating mode, the database maybe blocked from
460     # performing any work. If the database is blocked, the blocked reason
461     # is also displayed in the onstat output header.
462     #
463     # Of interest to us is "Version", "Mode" and any blocked reason.
464     #
465     # Under normal operation the product name within "Version" will contain
466     # "IBM Informix Dynamic Server", after which "Mode" will reflect an
467     # appropriate operating mode. Blocked states only appear once a "Mode"
468     # is reached.
469     #
470     # The following shows two sample "onstat -" outputs,
471     # Before IDS is started.
472     #
473     # shared memory not initialized for INFORMIXSERVER 'demo_on'
474     #
475     # After IDS is started.
476     #
477     # IBM Informix Dynamic Server Version 11.10.FC1      -- On-Line -- Up
479     if [ "${CALLER}" = "GDS" ]
480     then
481         onstat_header="/usr/bin/su ${USERID} -c "${TASK_COMMAND} env INFORMIX
482     else
483         onstat_header="env INFORMIXDIR=${INFORMIXDIR} INFORMIXSERVER=${INFORM
484     fi
486     if echo ${onstat_header} | /usr/xpg4/bin/grep -q "Informix Dynamic Serve
487     then
488         onstat_mode="echo ${onstat_header} | /usr/bin/sed -e 's/ -- Up.*$/'
490     if echo ${onstat_header} | /usr/xpg4/bin/grep -q "Blocked:"
491     then
492         onstat_blocked="echo ${onstat_header} | /usr/bin/sed -e 's/^. *B1
493     else
494         onstat_blocked=""
495     fi
496     fi
498     debug_message "Function: get_state - End"
499 }

501 check_ids()
502 {
503     debug_message "Function: check_ids - Begin"
504     ${SET_DEBUG}
506     LEVEL=error
507     [ "$1" = "debug" ] && LEVEL=debug
509     # Check if IDS is starting up.
510     if echo ${onstat_header} | /usr/xpg4/bin/grep -q "Changing data structur
511     then
512         # SCMSGs
513         # @explanation
514         # The Informix Server database is starting up.
515         # @user_action
516         # None required. Solaris Cluster will restart the Informix Server
517         # so that it is managed by Solaris Cluster.
518         scds_syslog -p daemon.${LEVEL} -t $(syslog_tag) -m \
519             "check_ids - Database Instance %s is restarting" \
520             "${INFORMIXSERVER}"
522     return 100
523     fi

```

```

525 # Check if IDS is down.
526 if echo ${onstat_header} | /usr/xpg4/bin/grep -q -E "shared memory not i
527 then
528     # SCMSGs
529     # @explanation
530     # The Informix Server database is down.
531     # @user_action
532     # None required. Solaris Cluster will restart the Informix Server.
533     scds_syslog -p daemon.${LEVEL} -t $(syslog_tag) -m \
534         "check_ids - Database Instance %s is down" \
535         "${INFORMIXSERVER}"

537     return 100
538 fi

540 # Check for any blocked states.
541 # Regardless of the onstat_mode, if a blocked state of "MEDIA FAILURE" o
542 # "HANG_SYSTEM" exists we will register a complete failure and indicate
543 # that the DBA needs to be involved.

545 if [ -n "${onstat_blocked}" ]
546 then
547     if echo "${onstat_blocked}" | /usr/xpg4/bin/grep -q -E "MEDIA_FAILURE
548     then
549         # SCMSGs
550         # @explanation
551         # The Informix Dynamic Server database has failed.
552         # @user_action
553         # Check the system log for error messages and contact your DBA.
554         # Solaris Cluster will restart the Informix Server.
555         scds_syslog -p daemon.${LEVEL} -t $(syslog_tag) -m \
556             "check_ids - Database Instance %s has failed mode(%s) blocked
557             "${INFORMIXSERVER}" "${onstat_mode}" "${onstat_blocked}"

559         return 100
560     fi
561 fi

563 case "${onstat_mode}" in
564     # Mainte
565     "Quiescent"|"Administration"|"Single User"|"Initialization"|"Fas

567         rc=100
568         ;;
569     # The following IDS server modes are acceptable normal operation
570     "On-Line"|"Read-only")
571         # Normal
572         rc=0
573         ;;
574     # Any other IDS server modes are treated as a complete failure.
575     *)
576         # Unknow
577         rc=100
578         ;;
579 esac

581 debug_message "check_ids - ${onstat_header}"

583 if [ "${CALLER}" = "GDS" -a "${LEVEL}" != "debug" ]
584 then
585     # While we tolerate some blocked states we will output a status messa
586     # to Solaris Cluster if one is found. Nevertheless the resource remai

```

```

591     saved_rc=${rc}

593     # Check if GDS is still starting the resource. If GDS start has finis
594     # the Solaris Cluster resource status with the appropriate Mode and a

596     if ! check_start gds_svc_start
597     then
598         MESSAGE=
599         [ -n "${onstat_mode}" ] && MESSAGE="Mode:${onstat_mode}"
600         [ -n "${onstat_blocked}" ] && MESSAGE="${MESSAGE} Blocked:${onst

602         /usr/cluster/bin/scha_resource_setstatus -R ${RESOURCE} -G ${RES
603     fi

605     rc=${saved_rc}

607     fi

609     debug_message "Function: check_ids - End"
610     return ${rc}
611 }

613 stop_ids()
614 {
615     debug_message "Function: stop_ids - Begin"
616     ${SET_DEBUG}

618     MAX_STOP_TIMEOUT=`/usr/bin/expr ${STOP_TIMEOUT} \* 70 \/ 100`
619     SECONDS=0

621     if [ "${CALLER}" = "GDS" ]
622     then
623         /usr/bin/su ${USERID} -c "${TASK_COMMAND} env INFORMIXDIR=${INFORMIXD

625     else
626         env INFORMIXDIR=${INFORMIXDIR} INFORMIXSERVER=${INFORMIXSERVER} INFOR
627     fi

629     while [ "${SECONDS}" -lt "${MAX_STOP_TIMEOUT}" ]
630     do
631         get_state

633         if echo ${onstat_header} | /usr/xpg4/bin/grep -q "shared memory not i
634         then
635             SECONDS=${MAX_STOP_TIMEOUT}
636         else
637             sleep 5
638         fi
639     done

641     # Note that the shutdown will be run in the background. As such the cont
642     # of ${LOGFILE} is not of interest so we will clear that file.

644     cat /dev/null > ${LOGFILE}

646     get_state

648     if ! echo ${onstat_header} | /usr/xpg4/bin/grep -q "shared memory not in
649     then
650         /usr/cluster/bin/pmfadm -s ${RESOURCEGROUP},${RESOURCE},0.svc KILL 2>
651     fi

653     debug_message "Function: stop_ids - End"
654     return 0
655 }

```

```

657 smf_wait_for_online()
658 {
659     debug_message "Function: smf_wait_for_online - Begin"
660     ${SET_DEBUG}

662     MAX_START_TIMEOUT='\usr/bin/expr ${START_TIMEOUT} \* 95 \/ 100`
663     SECONDS=0

665     while [ "${SECONDS}" -lt "${MAX_START_TIMEOUT}" ]
666     do
667         get_state
668         check_ids
669         rc=?

671         # Check_ids will return 0 if
672         # - The Informix Server is running
673         # - No blocked on "MEDIA FAILURE" or "HANG_SYSTEM" exists

675         if [ "${rc}" -eq 0 ]
676         then
677             SECONDS=${MAX_START_TIMEOUT}
678         else
679             sleep 5
680         fi
681     done

683     debug_message "Function: smf_wait_for_online - End"
684     return ${rc}
685 }

687 cleanup_ipc()
688 {
689     debug_message "Function: cleanup_ipc - Begin"
690     ${SET_DEBUG}

692     # Cleanup any IPC shared memory segments however only if
693     #
694     #   - The shared memory segment(s) are owned by
695     #     OWNER=root and GROUP=informix
696     #   - The shared memory has no attached processes
697     #   - The CPID and LPID processes are not running

699     flag=

701     if [ "${DEBUG}" = "${RESOURCE}" -o "${DEBUG}" = "ALL" ]
702     then
703         debug_message "IPC Status BEFORE removal of non-attached segments cre
704         /usr/bin/ipcs -mcpbZ | /usr/bin/grep " ${ZONENAME}$" > ${LOGFILE}
705         log_message debug ipcs
706     fi

708     /usr/bin/ipcs -mcpbZ | /usr/bin/grep " ${ZONENAME}$" | /usr/bin/awk ' \
709     {if (NF == 13 && $5 == "root" && $6 == "informix" && $9 == 0 ) print
710     if (NF == 12 && $4 == "root" && $5 == "informix" && $8 == 0 ) print }
711     while read SHMID CPID LPID
712     do
713         if /usr/bin/ps -p ${LPID} -o zone | /usr/bin/grep " ${ZONENAME}$
714         then
715             debug_message "Informix SHMID: ${SHMID} - LPID ${LPID} is run
716         else
717             if /usr/bin/ps -p ${CPID} -o zone | /usr/bin/grep " ${ZONENAM
718             then
719                 debug_message "Informix SHMID: ${SHMID} - CPID ${CPID} i
720             else
721                 SHMID='\usr/bin/echo ${SHMID} | /usr/xpg4/bin/tr 'm' ' '

```

```

723     # As the initial ipcs -mcpbZ is only a snapshot in time
724     # may have already cleaned up. Therefore the following a
725     # shared memory segment may fail with "not found". To pr
726     # console messages stdout/stderr is redirected to ${LOGF

728     /usr/bin/ipcrm -z ${ZONENAME} -m ${SHMID} > ${LOGFILE}

730     debug_message "Informix SHMID: ${SHMID} - removed"

732     flag=deleted
733     fi
734     fi
735     done

737     if [ -n "${flag}" ]
738     then
739         # SCMSGs
740         # @explanation
741         # All the Informix shared memory segments that were not being
742         # used have been removed.
743         # @user_action
744         # None required. Informational message.
745         scds_syslog -p daemon.notice -t ${syslog_tag} -m \
746         "All Informix non-attached IPC shared memory segments removed"
747     fi

749     debug_message "IPC Status AFTER removal of non-attached segments created

751     if [ "${DEBUG}" = "${RESOURCE}" -o "${DEBUG}" = "ALL" ]
752     then
753         /usr/bin/ipcs -mcpbZ | /usr/bin/grep " ${ZONENAME}$" > ${LOGFILE}
754         log_message debug ipcs
755     fi

757     debug_message "Function: cleanup_ipc - End"
758     return 0
759 }

```

new/usr/src/cmd/ha-services/gds-agents/ids/SUNW.ids

1

\*\*\*\*\*  
1164 Tue Jan 22 20:55:28 2008

new/usr/src/cmd/ha-services/gds-agents/ids/SUNW.ids

\*\*\*\*\*

```
1 #
2 # CDDL HEADER START
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17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
22 # Use is subject to license terms.
23 #
24 #ident      "%Z%M% %I%      %E% SMI"
25 #

27 RESOURCE_TYPE = "ids";
28 VENDOR_ID = SUNW;
29 RT_DESCRIPTION = "Sun Cluster HA for Informix Dynamic Server";

31 RT_VERSION = "1.0";
32 API_VERSION = 2;
33 FAILOVER = FALSE;

35 RT_BASEDIR=/opt/SUNWscids;
36 PKGLIST = SUNWscids;

38 # For package upgrade
39 %# SERVICE_NAME = "ids"
```

```

*****
4507 Tue Jan 22 20:55:28 2008
new/usr/src/cmd/ha-services/gds-agents/ids/ids_register.ksh
*****
1 #!/usr/bin/ksh
2 #
3 # CDDL HEADER START
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20 # CDDL HEADER END
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 #ident      "%Z%M% %I%      %E% SMI"
26 #
27 #          DO NOT EDIT THIS FILE

29 IDSDIR=/opt/SUNWscids/

31 typeset opt

33 while getopts 'f:' opt
34 do
35     case "$opt" in
36         f)  MYCONFIG=${OPTARG};;
37         *)  /usr/bin/echo "ERROR: ${MYNAME} Option ${OPTARG} unknown"
38             /usr/bin/echo "Usage: ${MYNAME} -f <config file>"
39             exit 1;;
40         esac
41 done

43 [ -z "${MYCONFIG}" ] && MYCONFIG=/opt/SUNWscids/util/ids_config

45 . ${MYCONFIG}

47 if [ -z ${RS_ZONE} ]
48 then

50 /usr/cluster/bin/clrs create -g ${RG} -t SUNW.gds \
51 -p Start_command="/opt/SUNWscids/bin/control_ids \
52 -R '${RS}' -G '${RG}' -U '${USERID}' -D '${INFORMIXDIR}' -C '${ONCONFIG}' \
53 -S '${INFORMIXSERVER}' -H '${INFORMIXSQLHOSTS}' start ids " \
54 -p Stop_command="/opt/SUNWscids/bin/control_ids \
55 -R '${RS}' -G '${RG}' -U '${USERID}' -D '${INFORMIXDIR}' -C '${ONCONFIG}' \
56 -S '${INFORMIXSERVER}' -H '${INFORMIXSQLHOSTS}' stop ids " \
57 -p Probe_command="/opt/SUNWscids/bin/control_ids \
58 -R '${RS}' -G '${RG}' -U '${USERID}' -D '${INFORMIXDIR}' -C '${ONCONFIG}' \
59 -S '${INFORMIXSERVER}' -H '${INFORMIXSQLHOSTS}' probe ids " \
60 -p Validate_command="/opt/SUNWscids/bin/control_ids \
61 -R '${RS}' -G '${RG}' -U '${USERID}' -D '${INFORMIXDIR}' -C '${ONCONFIG}' \
62 -S '${INFORMIXSERVER}' -H '${INFORMIXSQLHOSTS}' validate ids " \

```

```

63 -p Port_list=23/tcp -p Stop_signal=9 \
64 -y Resource_dependencies=${HAS_RS},${LH_RS} \
65 ${RS}

67 else
68     # Process a failover zone registration
69     #
70     # 1. Validate ${START_TIMEOUT} and ${STOP_TIMEOUT}
71     # 2. Get the failover zone's pfile and determine failover zone name
72     # 3. Build a temporary sczsmf_config file
73     # 4. zlogin to the failover zone execute ids_smf_register
74     #    - Creates the SMF manifest using parameter values
75     #    - Validate and import the SMF manifest into the SMF repository
76     # 5. Register a SC sczsmf resource to enable/disable the SMF instance

78     RS_STATE='/usr/cluster/bin/scha_resource_get -O status -R ${RS}'
79     rc=$?

81     if [ "${rc}" -eq 0 ]
82     then
83         /usr/bin/printf "Sun Cluster resource ${RS} already exists\n"
84         /usr/bin/printf "Cleanup resource before retrying\n"
85         exit 1
86     fi

88     if ! [ "${START_TIMEOUT}" -ge 0 ] 2> /dev/null
89     then
90         /usr/bin/printf "START_TIMEOUT value is not an integer\n"
91         exit 1
92     fi

94     if ! [ "${STOP_TIMEOUT}" -ge 0 ] 2> /dev/null
95     then
96         /usr/bin/printf "STOP_TIMEOUT value is not an integer\n"
97         exit 1
98     fi
99

100     ZONEFILE='/usr/cluster/bin/clrs show -p Start_command ${RS_ZONE} | /usr
101     /usr/bin/awk '{ if ($7 == "-P") print $8 }'

103     if [ ! -d "${ZONEFILE}" ]
104     then
105         /usr/bin/printf "Unable to retrieve zone parameter file directory\n"
106         exit 1
107     else
108         ZONE='/usr/bin/grep Zonename= ${ZONEFILE}/sczbt_${RS_ZONE} | /usr/bi
109     fi

111     SERVICE_TAG=svc:/application/sczone-agents:${RS}

113     /usr/bin/cat > /var/tmp/${RS}_smf_config <<-EOF
114     RS=${RS}
115     RG=${RG}
116     SCZBT_RS=${RS_ZONE}
117     ZONE=${ZONE}
118     SERVICE=${SERVICE_TAG}
119     RECURSIVE=true
120     STATE=true
121     SERVICE_PROBE="/opt/SUNWscids/bin/control_ids probe ids ${SERVICE_TAG}"
122     EOF

124     TMP_WORK_CONFIG=/var/tmp/${RS}_tmp_work_config
125     /usr/bin/cat ${MYCONFIG} | /usr/sbin/zlogin ${ZONE} /usr/bin/cat - \> ${
126
127     # Remove an existing FMRI in the zone if it already exists
128     ${IDSDIR}/util/ids_smf_remove -z ${ZONE} -f ${SERVICE_TAG} 2>/dev/null

```

```
130 # Create and register the ${SERVICE_TAG}
131 if /usr/sbin/zlogin ${ZONE} ${IDSDIR}/util/ids_smf_register ${TMP_WORK_C
132 then
133     if /opt/SUNWsczone/sczsmf/util/sczsmf_register -f /var/tmp/${RS}_smf_
134     then
135         /usr/bin/printf "Registration of ${RS} succeeded\n"
136     else
137         /usr/bin/printf "Registration of ${RS} failed\n"
138         exit 1
139     fi
140 fi
141 fi
143 exit 0
```

new/usr/src/cmd/ha-services/gds-agents/ids/config

1

\*\*\*\*\*

965 Tue Jan 22 20:55:28 2008

new/usr/src/cmd/ha-services/gds-agents/ids/config

\*\*\*\*\*

```
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17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
22 # Use is subject to license terms.
23 #
24 #ident      "%Z%M% %I%      %E% SMI"
25 #
26 #
27 # Usage:
28 #     DEBUG=<RESOURCE_NAME> or ALL
29 #
30 DEBUG=
```

```

*****
2509 Tue Jan 22 20:55:28 2008
new/usr/src/cmd/ha-services/gds-agents/ids/ids_config
*****
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2 # CDDL HEADER START
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19 # CDDL HEADER END
20 #
21 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
22 # Use is subject to license terms.
23 #
24 #ident      "%Z%M% %I%      %E% SMI"
25 #
26 #
27 # This file will be sourced in by ids_register and the parameters
28 # listed below will be used.
29 #
30 # These parameters can be customized in (key=value) form
31 #
32 #      +++ Required parameters +++
33 #
34 #          RS - name of the SC resource for the Informix Server
35 #          RG - name of the SC resource group to contain RS
36 #          LH_RS - name of the SC LogicalHostname resource
37 #          HAS_RS - name of the SC HASToragePlus resource
38 #          USERID - name of the Informix Server userid
39 #          ONCONFIG - name of the ONCONFIG filename within ${INFORMIXDIR}/etc
40 #          INFORMIXDIR - name of the Informix directory
41 #          INFORMIXSERVER - name of the Informix Database Server
42 #          INFORMIXSQLHOSTS - name of the Informix SQL hosts file
43 #
44 #      +++ Failover zone parameters +++
45 #
46 #      These parameters are only required when the Informix Server should
47 #      run within a failover zone managed by the Sun Cluster Data Service
48 #      for Solaris Containers.
49 #
50 #          RS_ZONE - name of the Failover zone managed by the
51 #          Sun Cluster Data Service for Solaris Containers
52 #          PROJECT - name for the Solaris Project to be used
53 #          (Default PROJECT=default)
54 #          START_TIMEOUT - start timeout value
55 #          (Default START_TIMEOUT=300)
56 #          STOP_TIMEOUT - stop timeout value
57 #          (Default STOP_TIMEOUT=300)
58 #
59 #      +++ Required parameters +++
60 #
61 RS=
62 RG=

```

```

63 LH_RS=
64 HAS_RS=
65 USERID=
66 ONCONFIG=
67 INFORMIXDIR=
68 INFORMIXSERVER=
69 INFORMIXSQLHOSTS=

71 # +++ Failover zone parameters +++
72 #
73 RS_ZONE=
74 PROJECT=default
75 START_TIMEOUT=300
76 STOP_TIMEOUT=300

```

new/usr/src/cmd/ha-services/gds-agents/ids/ids\_smf\_remove.ksh

1

```
*****
1824 Tue Jan 22 20:55:29 2008
new/usr/src/cmd/ha-services/gds-agents/ids/ids_smf_remove.ksh
*****
1 #!/usr/bin/ksh
2 #
3 # CDDL HEADER START
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19 #
20 # CDDL HEADER END
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 #ident      "%Z%M% %I%      %E% SMI"
26 #
27 #          DO NOT EDIT THIS FILE
28 #

30 rc=0
31 MYNAME=`basename $0`

33 typeset opt

35 while getopts 'z:f:' opt
36 do
37     case "${opt}" in
38         z)      ZONE=${OPTARG};;
39         f)      FMRI=${OPTARG};;
40         *)      echo "ERROR: ${MYNAME} Option ${OPTARG} unknown"
41                 echo "Usage: ${MYNAME} -z <zone> -f <FMRI>"
42                 exit 1;;
43     esac
44 done

46 if [ -z "${ZONE}" ]
47 then
48     /usr/bin/printf "ERROR: ${MYNAME} -z <zone> not specified\n"
49     rc=1
50 fi

52 if [ -z "${FMRI}" ]
53 then
54     /usr/bin/printf "ERROR: ${MYNAME} -f <FMRI> not specified\n"
55     rc=1
56 fi

58 [ "${rc}" -ne 0 ] && exit ${rc}

60 if /usr/sbin/zlogin ${ZONE} /usr/sbin/svccadm disable ${FMRI}
61 then
62     /usr/bin/printf "${FMRI} found in ${ZONE}\n"
```

new/usr/src/cmd/ha-services/gds-agents/ids/ids\_smf\_remove.ksh

2

```
63     /usr/bin/printf "${FMRI} disabled in ${ZONE}\n"
64 fi
65
66 if /usr/sbin/zlogin ${ZONE} /usr/sbin/svccfg delete ${FMRI}
67 then
68     /usr/bin/printf "${FMRI} deleted in ${ZONE}\n"
69 fi

71 exit ${rc}
```

```

*****
4186 Tue Jan 22 20:55:29 2008
new/usr/src/cmd/ha-services/gds-agents/ids/control_ids.ksh
*****
1 #!/usr/bin/ksh
2 #
3 # CDDL HEADER START
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18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 #ident      "%Z%M% %I%      %E% SMI"
26 #
27 # Usage GDS: <options> <parameter1> <parameter2>
28 #
29 # Usage SMF: <parameter1> <parameter2> <parameter3>
30 #
31 #      <options>: -R <resource> -G <resourcegroup> etc.
32 #      parameter1: start | stop | probe
33 #      parameter2: ids
34 #      parameter3: <FMRI>
35 #
36 MYNAME='/usr/bin/basename $0\'
37 MYDIR='/usr/bin/dirname $0\'
38 #
39 . ${MYDIR}/../etc/config
40 #
41 typeset opt
42 #
43 while getopts 'R:G:U:D:C:S:H:' opt
44 do
45     case "${opt}" in
46         R)      RESOURCE=${OPTARG};;
47         G)      RESOURCEGROUP=${OPTARG};;
48         U)      USERID=${OPTARG};;
49         D)      INFORMIXDIR=${OPTARG};;
50         C)      ONCONFIG=${OPTARG};;
51         S)      INFORMIXSERVER=${OPTARG};;
52         H)      INFORMIXSQLHOSTS=${OPTARG};;
53         *)      exit 1;;
54     esac
55 done
56 #
57 if [ "${OPTARG}" -gt 1 ]
58 then
59     # Called by GDS
60     CALLER=GDS
61 #
62     shift ((${OPTARG} - 1))

```

```

63 else
64     # Called by SMF
65     CALLER=SMF
66 #
67     ./lib/svc/share/smf_include.sh
68 #
69     SMF_FMRI=${3}
70 fi
71 #
72 METHOD=${1}
73 COMPONENT=${2}
74 #
75 if [ "${CALLER}" = "GDS" ]
76 then
77     . ${MYDIR}/functions
78 #
79     # Perform all the scha* calls
80     TASK_COMMAND=""
81 #
82     if [ "${METHOD}" = "start" ]
83     then
84         START_TIMEOUT='/usr/cluster/bin/scha_resource_get -O START_TIMEOUT \
85             -R ${RESOURCE} -G ${RESOURCEGROUP}'
86     fi
87 #
88     if [ "${METHOD}" = "stop" ]
89     then
90         STOP_TIMEOUT='/usr/cluster/bin/scha_resource_get -O STOP_TIMEOUT \
91             -R ${RESOURCE} -G ${RESOURCEGROUP}'
92     fi
93 #
94     # Retrieve the resource project name so that we can run any
95     # Informix commands under the specified user's project.
96 #
97     RESOURCE_PROJECT_NAME='/usr/cluster/bin/scha_resource_get \
98         -R ${RESOURCE} -G ${RESOURCEGROUP} -O RESOURCE_PROJECT_NAME'
99 #
100     if [ -z "${RESOURCE_PROJECT_NAME}" -o "${RESOURCE_PROJECT_NAME}" = "defa"
101     then
102         # Retrieve the resource group project name
103         RESOURCE_PROJECT_NAME='/usr/cluster/bin/scha_resourcegroup_get \
104             -G ${RESOURCEGROUP} -O RG_PROJECT_NAME'
105     fi
106 #
107     # Validate that ${USERID} belongs to the ${RESOURCE_PROJECT_NAME}
108     if [ -n "${RESOURCE_PROJECT_NAME}" ]
109     then
110         PROJ_MEMBER='/usr/bin/projects ${USERID} | /usr/bin/egrep "^${RESOURC
111             ${RESOURCE_PROJECT_NAME} | ${RESOURCE_PROJECT_NAME}$|^${RESOURCE
112     fi
113 #
114     if [ -z "${PROJ_MEMBER}" ]
115     then
116         # SCMSGs
117         # @explanation
118         # The userid does not belong to the specified project.
119         # @user_action
120         # Ensure the userid exists within the project. Check that
121         # you have the correct userid and project name.
122         scds_syslog -p daemon.notice -t $(syslog_tag) -m \
123             "%s - The user %s does not belong to project %s" \
124             "${MYNAME}" "${USERID}" "${RESOURCE_PROJECT_NAME}"
125         return 1
126     else
127         TASK_COMMAND="/usr/bin/newtask -p ${RESOURCE_PROJECT_NAME}"
128     fi

```

```
129 else
130     for i in RESOURCE RESOURCEGROUP INFORMIXDIR ONCONFIG INFORMIXSERVER \
131         INFORMIXSQLHOSTS START_TIMEOUT STOP_TIMEOUT
132     do
133         export $i='/usr/bin/svcprop -p parameters/$i ${SMF_FMRI}'
134     done
135
136     USERID='/usr/bin/svcprop -p start/user ${SMF_FMRI}'
137     PROJECT='/usr/bin/svcprop -p start/project ${SMF_FMRI}'
138
139     . ${MYDIR}/functions
140 fi
141
142 debug_message "Method: ${MYNAME} - Begin"
143 ${SET_DEBUG}
144
145 [ -x /sbin/zonename ] && ZONENAME='/sbin/zonename'
146
147 set_redirection
148
149 case "${METHOD}" in
150     start)
151         cleanup_ipc
152         start_ids
153         rc=$?
154         ;;
155     stop)
156         stop_ids
157         rc=0
158         ;;
159     probe)
160         get_state
161         check_ids
162         rc=$?
163         ;;
164     validate)
165         validate
166         rc=$?
167         ;;
168     esac
169
170 debug_message "Method: ${MYNAME} - End"
171 exit $rc
```

```

*****
3975 Tue Jan 22 20:55:29 2008
new/usr/src/cmd/ha-services/gds-agents/ids/ids_smf_register.ksh
*****
1 #!/usr/bin/ksh
2 #
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).
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8 #
9 # You can obtain a copy of the license at usr/src/CDDL.txt
10 # or http://www.opensolaris.org/os/licensing.
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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/CDDL.txt.
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 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 #ident      "%Z%M% %I%      %E% SMI"
26 #
27 #
28 #          DO NOT EDIT THIS FILE
29 #
31 create_xml()
32 {
33     MYDIR=/opt/SUNWscids
34     MANIFEST_DIR=/var/svc/manifest/application/sczone-agents
36     [ ! -d "${MANIFEST_DIR}" ] && mkdir -p ${MANIFEST_DIR}
38     cat > ${MANIFEST_DIR}/${RS}.xml <<-EOF
39     <?xml version="1.0"?>
40     <!DOCTYPE service_bundle SYSTEM "/usr/share/lib/xml/dtd/service_bundle.d
42     <!--
43         Copyright 2007 Sun Microsystems, Inc. All rights reserved.
44         Use is subject to license terms.
45     -->
47     <service_bundle type='manifest' name='${RS}'>
49     <service
50     name='application/sczone-agents'
51     type='service'
52     version='1'>
54     <instance name='${RS}' enabled='false'>
56     <!--
57         Dependencies
58     -->
60     <dependency name='ids_services'
61     grouping='require_all'
62     restart_on='none'

```

```

63     type='service'>
64     <service_fmri value='svc:/milestone/multi-user-server' />
65 </dependency>
67 <dependency name='ids_paths'
68 grouping='require_all'
69 restart_on='none'
70 type='path'>
71 <service_fmri value='file://{INFORMIXDIR}' />
72 </dependency>
73
74 <exec_method
75 type='method'
76 name='start'
77 exec='${MYDIR}/bin/control_ids start ids ${RS}'
78 timeout_seconds='300' >
79 <method_context project='${PROJECT}' >
80 <method_credential user='${USERID}' />
81 </method_context>
82 </exec_method>
84 <exec_method
85 type='method'
86 name='stop'
87 exec='${MYDIR}/bin/control_ids stop ids ${RS}'
88 timeout_seconds='300' >
89 <method_context project='${PROJECT}'>
90 <method_credential user='${USERID}' />
91 </method_context>
92 </exec_method>
94 <property_group name='parameters' type='general'>
95 <propval name='RESOURCE' type='astring' value='${RS}' />
96 <propval name='RESOURCEGROUP' type='astring' value='${RG}' />
97 <propval name='ONCONFIG' type='astring' value='${ONCONFIG}' />
98 <propval name='INFORMIXDIR' type='astring' value='${INFORMIXDIR}' />
99 <propval name='INFORMIXSERVER' type='astring' value='${INFORMIXS
100 <propval name='INFORMIXSQLHOSTS' type='astring' value='${INFORMI
101 <propval name='START_TIMEOUT' type='astring' value='${START_TIME
102 <propval name='STOP_TIMEOUT' type='astring' value='${STOP_TIMEOU
103 </property_group>
105 <property_group name='startd' type='framework'>
106 <propval name='ignore_error' type='astring' value='core' />
107 </property_group>
109 </instance>
111 <stability value='Evolving' />
113 <template>
114 <common_name>
115 <loctext xml:lang='C'>
116 Informix Dynamic Server
117 </loctext>
118 </common_name>
119 </template>
120 </service>
122 </service_bundle>
124 EOF
125 }
127 # $1 is passed from ids_register as ${TMP_WORK_CONFIG}
128 if [ -n "${1}" ]

```

```
129 then
130     . $1
131 else
132     /usr/bin/printf "Configuration file not found\n"
133 fi

135 create_xml

137 /usr/bin/printf "${MANIFEST_DIR}/${RS}.xml successfully created\n"

139 if /usr/sbin/svccfg validate ${MANIFEST_DIR}/${RS}.xml; then
140     /usr/bin/printf "${MANIFEST_DIR}/${RS}.xml successfully validated\n"
141 else
142     /usr/bin/printf "${MANIFEST_DIR}/${RS}.xml validation failed\n"
143     exit 1
144 fi

146 if /usr/sbin/svccfg import ${MANIFEST_DIR}/${RS}.xml; then
147     /usr/bin/printf "${MANIFEST_DIR}/${RS}.xml successfully imported\n"
148 else
149     /usr/bin/printf "${MANIFEST_DIR}/${RS}.xml import failed\n"
150     exit 1
151 fi

153 exit 0
```

new/usr/src/pkgdefs/dot.order.sun\_cluster\_agents.sparc

1

\*\*\*\*\*  
436 Tue Jan 22 20:55:29 2008

new/usr/src/pkgdefs/dot.order.sun\_cluster\_agents.sparc

\*\*\*\*\*

- 1 SUNWscpax
- 2 SUNWscapc
- 3 SUNWscatomcat
- 4 SUNWscdhc
- 5 SUNWscdns
- 6 SUNWsccebs
- 7 SUNWschadb
- 8 **SUNWscids**
- 9 SUNWsc krb5
- 10 SUNWsc lc
- 11 SUNWsc mgi
- 12 SUNWsc mqs
- 13 SUNWsc mys
- 14 SUNWsc spps
- 15 SUNWsc nfs
- 16 SUNWsc or
- 17 SUNWsc 9ias
- 18 SUNWc vmr
- 19 SUNWc vm
- 20 SUNWsc ucum
- 21 SUNWud lmr
- 22 SUNWud lm
- 23 SUNWsc md
- 24 SUNWsc PostgreSQL
- 25 SUNWsc slas
- 26 SUNWsc slmq
- 27 SUNWsc htt
- 28 SUNWsc saa
- 29 SUNWsc sap
- 30 SUNWsc sapdb
- 31 SUNWsc sapenq
- 32 SUNWsc saprepl
- 33 SUNWsc sapwebas
- 34 SUNWsc sapscs
- 35 SUNWsc sbl
- 36 SUNWsc smb
- 37 SUNWsc zone
- 38 SUNWsc sge
- 39 SUNWsc sag
- 40 SUNWsc syb
- 41 SUNWsc wls

```

*****
4434 Tue Jan 22 20:55:30 2008
new/usr/src/pkgdefs/Makefile
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
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7 #
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9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/CDDL.txt.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets [] replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 #ident "@(#)Makefile 1.129 07/08/15 SMI"
24 #
25 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
26 # Use is subject to license terms.
27 #
28 # pkgdefs/Makefile
29 #
30 include $(SRC)/Makefile.master
31 #
32 sparc_NONSHIP_SUBDIRS =
33 i386_NONSHIP_SUBDIRS =
34 #
35 I18N_SUBDIRS = \
36     SUNW0scds
37 #
38 NONSHIP_SUBDIRS = \
39     $( $(MACH)_NONSHIP_SUBDIRS )
40 #
41 PRODUCT_SUBDIRS = \
42     SUNWscdns \
43     SUNWscnfs \
44     SUNWschtt \
45     SUNWscapc \
46     SUNWscsap \
47     SUNWscslc \
48     SUNWscwls \
49     SUNWscslas \
50     SUNWscslmq \
51     SUNWscsapdb \
52     SUNWschadb \
53     SUNWscsapeng \
54     SUNWscsaprepl \
55     SUNWscsapwebas \
56     SUNWscsapscs \
57     SUNWscsge \
58     SUNWscPostgreSQL \
59     SUNWsc9ias \
60     SUNWscdhc \
61     SUNWscids \
62     SUNWscmq \

```

```

63     SUNWscmys \
64     SUNWscstomcat \
65     SUNWscsps \
66     SUNWscmqi \
67     SUNWscsmb \
68     SUNWscsaa \
69     SUNWscsag
70 #
71 $(CLOSED_BUILD)PRODUCT_SUBDIRS += \
72     SUNWscor \
73     SUNWscsyb
74 #
75 s9_PRODUCT_SUBDIRS += \
76     SUNWscpax
77 #
78 $(S9_BUILD)PRODUCT_SUBDIRS += $(s9_PRODUCT_SUBDIRS)
79 #
80 post_s9_PRODUCT_SUBDIRS += \
81     SUNWscrb5 \
82     SUNWsczone
83 #
84 $(POST_S9_BUILD)PRODUCT_SUBDIRS += $(post_s9_PRODUCT_SUBDIRS)
85 #
86 sparc_PRODUCT_SUBDIRS += \
87     SUNWscsbs \
88     SUNWscsbl
89 #
90 PRODUCT_SUBDIRS += $( $(MACH)_PRODUCT_SUBDIRS )
91 #
92 SUBDIRS= \
93     $(PRODUCT_SUBDIRS) \
94     $(NONSHIP_SUBDIRS) \
95     $(I18N_SUBDIRS)
96 #
97 # Targetdirs needs to process all package subdirs, as we build all the code,
98 # even if the agent isn't supported/packaged on a particular platform
99 $(POST_S9_BUILD)ALLPKG_SUBDIRS += $(s9_PRODUCT_SUBDIRS)
100 $(S9_BUILD)ALLPKG_SUBDIRS += $(post_s9_PRODUCT_SUBDIRS)
101 i386_ALLPKG_SUBDIRS += $(sparc_PRODUCT_SUBDIRS)
102 sparc_ALLPKG_SUBDIRS += $(i386_PRODUCT_SUBDIRS)
103 ALLPKG_SUBDIRS += $(SUBDIRS) $( $(MACH)_ALLPKG_SUBDIRS )
104 #
105 # Support for S11 is unknown at this time, so include all agents
106 $(S11_BUILD)SUBDIRS += $(s9_PRODUCT_SUBDIRS) $( $(MACH)_ALLPKG_SUBDIRS )
107 #
108 sparc_XMODS=
109 #
110 # L10N support dropped from 3.2 due to resource constraints
111 # L10N support is included in open source builds
112 $(CLOSED_BUILD)$(S11_BUILD)L10N_XMODS= l10n
113 #
114 $(CLOSED_BUILD)DVDIMAGES_XMODS= \
115     dvdimages
116 #
117 XMODS= $( $(MACH)_XMODS ) $(L10N_XMODS) $(DVDIMAGES_XMODS)
118 #
119 DOT_FILES= dot.clustertoc dot.order
120 #
121 all := TARGET= all
122 install := TARGET= install
123 clean := TARGET= clean
124 clobber := TARGET= clobber
125 _msg := TARGET= _msg
126 patch_build := TARGET= patch_build
127 #
128 .KEEP_STATE:

```

```
130 .PARALLEL: $(SUBDIRS) $(XMODS)
132 install: awk_pkginfo $(SUBDIRS) $(XMODS)
134 _msg: ./parse_il8n_proto $(I18N_SUBDIRS)
136 all: awk_pkginfo $(SUBDIRS) $(XMODS) $(DOT_FILES)
138 clean clobber: $(SUBDIRS) $(XMODS)
139     $(RM) awk_pkginfo Targetdirs $(DOT_FILES)
141 patch_build: awk_pkginfo $(PRODUCT_SUBDIRS)
143 $(SUBDIRS): FRC
144     @cd $@; pwd; $(MAKE) $(TARGET)
146 $(XMODS): FRC
147     @if [ -f $@/Makefile ]; then \
148         cd $@; pwd; $(MAKE) $(TARGET); \
149     else \
150         true; \
151     fi
153 DOT_CLUSTERTOC_SRC = dot.clustertoc.sun_cluster_agents.$(NATIVE_MACH)
154 $(S9_BUILD)DOT_CLUSTERTOC_SRC = dot.clustertoc.sun_cluster_agents.$(NATIVE_MACH)
156 DOT_ORDER_SRC= dot.order.sun_cluster_agents.$(NATIVE_MACH)
157 $(S9_BUILD)DOT_ORDER_SRC= dot.order.sun_cluster_agents.$(NATIVE_MACH).Sol_9
159 dot.clustertoc: $(DOT_CLUSTERTOC_SRC)
160     $(RM) $@
161     cp $(DOT_CLUSTERTOC_SRC) $@
163 dot.order: $(DOT_ORDER_SRC)
164     $(RM) $@
165     cp $(DOT_ORDER_SRC) $@
167 $(NOT_RELEASE_BUILD)AWK_PKGINFO_DFLAG= -d
169 awk_pkginfo: ./bld_awk_pkginfo
170     ./bld_awk_pkginfo -m $(MACH) -p "$(RELEASE)/$(VERSION)" ${AWK_PKGINFO_DF}
172 ALL_PROTOTYPES = $(ALLPKG_SUBDIRS:%=%/pkginfo.tmpl %/prototype_com) \
173     $(ALLPKG_SUBDIRS:%=%/pkginfo.tmpl %/prototype_$(MACH))
175 makefiles: Targetdirs parse_il8n_proto
177 # generate Targetdirs and use that to create all the proto directories
178 Targetdirs: ./pkgdefs_to_targetdirs $(ALL_PROTOTYPES)
179     ./pkgdefs_to_targetdirs $(ALL_PROTOTYPES) > Targetdirs
181 FRC:
```

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.i386

1

\*\*\*\*\*  
8418 Tue Jan 22 20:55:30 2008

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.i386  
\*\*\*\*\*

```
1 #
2 # CDDL HEADER START
3 #
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17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 # ident "@(#)dot.clustertoc.sun_cluster_agents.i386 1.8 07/08/07 SMI"
27 #
28 #
29 #
30 # Sun Cluster HA for Agfa IMPAX
31 #
32 CLUSTER=SUNWC_DS_pax
33 NAME=Sun Cluster HA for AGFA IMPAX
34 DESC=Sun Cluster HA for AGFA IMPAX
35 VENDOR=Sun Microsystems, Inc.
36 VERSION=3.1
37 SUNW_CSRMEMBER=SUNWscpax
38 END
39 #
40 #
41 # Sun Cluster HA for Apache
42 #
43 CLUSTER=SUNWC_DS_apache
44 NAME=Sun Cluster HA for Apache
45 DESC=Sun Cluster HA for Apache
46 VENDOR=Sun Microsystems, Inc.
47 VERSION=3.0
48 SUNW_CSRMEMBER=SUNWscapc
49 END
50 #
51 #
52 # Sun Cluster HA for Apache Tomcat
53 #
54 CLUSTER=SUNWC_DS_tomcat
55 NAME=Sun Cluster HA for Apache Tomcat
56 DESC=Sun Cluster HA for Apache Tomcat
57 VENDOR=Sun Microsystems, Inc.
58 VERSION=3.1
59 SUNW_CSRMEMBER=SUNWsctomcat
60 END
61 #
62 #
```

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.i386

2

```
63 # Sun Cluster HA for DHCP
64 #
65 CLUSTER=SUNWC_DS_dhcp
66 NAME=Sun Cluster HA for DHCP
67 DESC=Sun Cluster HA for DHCP
68 VENDOR=Sun Microsystems, Inc.
69 VERSION=3.1
70 SUNW_CSRMEMBER=SUNWscdhc
71 END
72 #
73 #
74 # Sun Cluster HA for Domain Name Server (DNS)
75 #
76 CLUSTER=SUNWC_DS_dns
77 NAME=Sun Cluster HA for DNS
78 DESC=Sun Cluster HA for DNS
79 VENDOR=Sun Microsystems, Inc.
80 VERSION=1.0
81 SUNW_CSRMEMBER=SUNWscdns
82 END
83 #
84 #
85 # Sun Cluster HA for Oracle E-Business suite
86 #
87 CLUSTER=SUNWC_DS_ebs
88 NAME=Sun Cluster HA for Oracle E-Business Suite
89 DESC=Sun Cluster HA for Oracle E-Business Suite
90 VENDOR=Sun Microsystems, Inc.
91 VERSION=3.1
92 SUNW_CSRMEMBER=SUNWscebs
93 END
94 #
95 #
96 # Sun Cluster HA Sun Java System App Server EE (HADB)
97 #
98 CLUSTER=SUNWC_DS_hadb
99 NAME=Sun Cluster HA Sun Java System App Server EE (HADB)
100 DESC=Sun Cluster HA Sun Java System App Server EE (HADB)
101 VENDOR=Sun Microsystems, Inc.
102 VERSION=1.0
103 SUNW_CSRMEMBER=SUNWschadb
104 END
105 #
106 #
107 # Sun Cluster HA for Informix Dynamic Server
108 #
109 CLUSTER=SUNWC_DS_ids
110 NAME=Sun Cluster HA for Informix Dynamic Server
111 DESC=Sun Cluster HA for Informix Dynamic Server
112 VENDOR=Sun Microsystems, Inc.
113 VERSION=3.2
114 SUNW_CSRMEMBER=SUNWscids
115 END
116 #
117 #
118 # Sun Cluster HA for Kerberos
119 #
120 CLUSTER=SUNWC_DS_kerberos
121 NAME=Sun Cluster HA for Kerberos
122 DESC=Sun Cluster HA for Kerberos
123 VENDOR=Sun Microsystems, Inc.
124 VERSION=3.2
125 SUNW_CSRMEMBER=SUNWsckrb5
126 END
127 #
128 #
```

```

129 # Sun Cluster HA for SAP liveCache
130 #
131 CLUSTER=SUNWC_DS_livecache
132 NAME=Sun Cluster HA for SAP liveCache
133 DESC=Sun Cluster HA for SAP liveCache
134 VENDOR=Sun Microsystems, Inc.
135 VERSION=1.0
136 SUNW_CSRMEMBER=SUNWsclic
137 END
138 #
139 # Sun Cluster HA for WebSphere MQ Broker
140 #
141 CLUSTER=SUNWC_DS_mqi
142 NAME=Sun Cluster HA for WebSphere MQ Broker
143 DESC=Sun Cluster HA for WebSphere MQ Broker
144 VENDOR=Sun Microsystems, Inc.
145 VERSION=3.1
146 SUNW_CSRMEMBER=SUNWscmqi
147 END

149 #
150 # Sun Cluster HA for WebSphere MQ
151 #
152 CLUSTER=SUNWC_DS_mqs
153 NAME=Sun Cluster HA for WebSphere MQ
154 DESC=Sun Cluster HA for WebSphere MQ
155 VENDOR=Sun Microsystems, Inc.
156 VERSION=3.1
157 SUNW_CSRMEMBER=SUNWscmq
158 END

160 #
161 # Sun Cluster HA for MySQL
162 #
163 CLUSTER=SUNWC_DS_mys
164 NAME=Sun Cluster HA for MySQL
165 DESC=Sun Cluster HA for MySQL
166 VENDOR=Sun Microsystems, Inc.
167 VERSION=3.1
168 SUNW_CSRMEMBER=SUNWscmys
169 END

171 #
172 # Sun Cluster HA for N1 Grid Provisioning System
173 #
174 CLUSTER=SUNWC_DS_nlsps
175 NAME=Sun Cluster HA for N1 Grid Service Provisioning
176 DESC=Sun Cluster HA for N1 Grid Service Provisioning
177 VENDOR=Sun Microsystems, Inc.
178 VERSION=3.1
179 SUNW_CSRMEMBER=SUNWscsps
180 END

182 #
183 # Sun Cluster HA for Network File System (NFS)
184 #
185 CLUSTER=SUNWC_DS_nfs
186 NAME=Sun Cluster HA for NFS
187 DESC=Sun Cluster HA for NFS
188 VENDOR=Sun Microsystems, Inc.
189 VERSION=1.0
190 SUNW_CSRMEMBER=SUNWscnfs
191 END

193 #
194 # Sun Cluster HA for Oracle

```

```

195 #
196 CLUSTER=SUNWC_DS_oracle
197 NAME=Sun Cluster HA for Oracle
198 DESC=Sun Cluster HA for Oracle
199 VENDOR=Sun Microsystems, Inc.
200 VERSION=3.1
201 SUNW_CSRMEMBER=SUNWscor
202 END

204 #
205 # Sun Cluster HA for Oracle Application Server
206 #
207 CLUSTER=SUNWC_DS_9ias
208 NAME=Sun Cluster HA for Oracle Application Server
209 DESC=Sun Cluster HA for Oracle Application Server
210 VENDOR=Sun Microsystems, Inc.
211 VERSION=3.1
212 SUNW_CSRMEMBER=SUNWsc9ias
213 END

215 #
216 # Sun Cluster Oracle RAC Framework
217 #
218 CLUSTER=SUNWC_RAC_oracle_rac
219 NAME=Sun Cluster Oracle RAC
220 DESC=Sun Cluster Oracle RAC
221 VENDOR=Sun Microsystems, Inc.
222 VERSION=3.1
223 SUNW_CSRMEMBER=SUNWscucm
224 SUNW_CSRMEMBER=SUNWscor
225 END

227 #
228 # Sun Cluster Oracle RAC SVM
229 #
230 CLUSTER=SUNWC_RAC_rac_svm
231 NAME=Sun Cluster Oracle RAC SVM
232 DESC=Sun Cluster Oracle RAC SVM
233 VENDOR=Sun Microsystems, Inc.
234 VERSION=3.1
235 SUNW_CSRMEMBER=SUNWscmd
236 END

238 #
239 # Sun Cluster HA for PostgreSQL
240 #
241 CLUSTER=SUNWC_DS_PostgreSQL
242 NAME=Sun Cluster HA for PostgreSQL
243 DESC=Sun Cluster HA for PostgreSQL
244 VENDOR=Sun Microsystems, Inc.
245 VERSION=3.2
246 SUNW_CSRMEMBER=SUNWscPostgreSQL
247 END

249 #
250 # Sun Cluster HA Sun Java System Application Server
251 #
252 CLUSTER=SUNWC_DS_slas
253 NAME=Sun Cluster HA Sun Java System Application Server
254 DESC=Sun Cluster HA Sun Java System Application Server
255 VENDOR=Sun Microsystems, Inc.
256 VERSION=1.0
257 SUNW_CSRMEMBER=SUNWscslas
258 END

260 #

```

```

261 # Sun Cluster HA Sun Java System Message Queue
262 #
263 CLUSTER=SUNWC_DS_slmq
264 NAME=Sun Cluster HA Sun Java System Message Queue
265 DESC=Sun Cluster HA Sun Java System Message Queue
266 VENDOR=Sun Microsystems, Inc.
267 VERSION=1.0
268 SUNW_CSRMEMBER=SUNWscslmq
269 END

271 #
272 # Sun Cluster HA Sun Java System Web Server
273 #
274 CLUSTER=SUNWC_DS_iws
275 NAME=Sun Cluster HA Sun Java System Web Server
276 DESC=Sun Cluster HA Sun Java System Web Server
277 VENDOR=Sun Microsystems, Inc.
278 VERSION=1.0
279 SUNW_CSRMEMBER=SUNWschtt
280 END

282 #
283 # Sun Cluster HA for SWIFTAlliance Access
284 #
285 CLUSTER=SUNWC_DS_saa
286 NAME=Sun Cluster HA for SWIFTAlliance Access
287 DESC=Sun Cluster HA for SWIFTAlliance Access
288 VENDOR=Sun Microsystems, Inc.
289 VERSION=3.1
290 SUNW_CSRMEMBER=SUNWscsaa
291 END

293 #
294 # Sun Cluster HA for SAP
295 #
296 CLUSTER=SUNWC_DS_sap
297 NAME=Sun Cluster HA for SAP
298 DESC=Sun Cluster HA for SAP
299 VENDOR=Sun Microsystems, Inc.
300 VERSION=1.0
301 SUNW_CSRMEMBER=SUNWscsap
302 END

304 #
305 # Sun Cluster SAPDB Data Service
306 #
307 CLUSTER=SUNWC_DS_sapdb
308 NAME=Sun Cluster HA for SAPDB
309 DESC=Sun Cluster HA for SAPDB
310 VENDOR=Sun Microsystems, Inc.
311 VERSION=1.0
312 SUNW_CSRMEMBER=SUNWscslc
313 SUNW_CSRMEMBER=SUNWscsapdb
314 END

316 #
317 # Sun Cluster SAP Web Application Server Data Service
318 #
319 CLUSTER=SUNWC_DS_sapwebas
320 NAME=Sun Cluster HA for SAP Web Application Server
321 DESC=Sun Cluster HA for SAP Web Application Server
322 VENDOR=Sun Microsystems, Inc.
323 VERSION=1.0
324 SUNW_CSRMEMBER=SUNWscsapenq
325 SUNW_CSRMEMBER=SUNWscsaprepl
326 SUNW_CSRMEMBER=SUNWscsapwebas

```

```

327 SUNW_CSRMEMBER=SUNWscsapscs
328 END

330 #
331 # Sun Cluster HA for Siebel
332 #
333 CLUSTER=SUNWC_DS_siebel
334 NAME=Sun Cluster HA for Siebel
335 DESC=Sun Cluster HA for Siebel
336 VENDOR=Sun Microsystems, Inc.
337 VERSION=1.0
338 SUNW_CSRMEMBER=SUNWscsbl
339 END

341 #
342 # Sun Cluster HA for Samba
343 #
344 CLUSTER=SUNWC_DS_smb
345 NAME=Sun Cluster HA for Samba
346 DESC=Sun Cluster HA for Samba
347 VENDOR=Sun Microsystems, Inc.
348 VERSION=3.1
349 SUNW_CSRMEMBER=SUNWscsmb
350 END

352 #
353 # Sun Cluster HA for for Solaris Zones
354 #
355 CLUSTER=SUNWC_DS_container
356 NAME=Sun Cluster HA for Solaris Containers
357 DESC=Sun Cluster HA for Solaris Containers
358 VENDOR=Sun Microsystems, Inc.
359 VERSION=3.1
360 SUNW_CSRMEMBER=SUNWsczone
361 END

363 #
364 # Sun Cluster HA for Sun Grid Engine
365 #
366 CLUSTER=SUNWC_DS_nlge
367 NAME=Sun Cluster HA for Sun Grid Engine
368 DESC=Sun Cluster HA for Sun Grid Engine
369 VENDOR=Sun Microsystems, Inc.
370 VERSION=3.1
371 SUNW_CSRMEMBER=SUNWscsge
372 END

374 #
375 # Sun Cluster HA for Swift Alliance Gateway
376 #
377 CLUSTER=SUNWC_DS_sag
378 NAME=Sun Cluster HA for SWIFT Alliance Gateway
379 DESC=Sun Cluster HA for SWIFT Alliance Gateway
380 VENDOR=Sun Microsystems, Inc.
381 VERSION=3.1
382 SUNW_CSRMEMBER=SUNWscsag
383 END

385 #
386 # Sun Cluster HA for Sybase ASE
387 #
388 CLUSTER=SUNWC_DS_sybase
389 NAME=Sun Cluster HA for Sybase ASE
390 DESC=Sun Cluster HA for Sybase ASE
391 VENDOR=Sun Microsystems, Inc.
392 VERSION=3.2

```

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.i386

7

```
393 SUNW_CSRMEMBER=SUNWscsyb  
394 END
```

```
396 #  
397 # Sun Cluster HA for BEA WebLogic Server  
398 #  
399 CLUSTER=SUNWC_DS_wls  
400 NAME=Sun Cluster HA for BEA WebLogic Server  
401 DESC=Sun Cluster HA for BEA WebLogic Server  
402 VENDOR=Sun Microsystems, Inc.  
403 VERSION=3.1  
404 SUNW_CSRMEMBER=SUNWscwls  
405 END
```

```

*****
10351 Tue Jan 22 20:55:31 2008
new/usr/src/pkgdefs/jas.dvdimage.ksh
*****
1 #!/bin/ksh
2 #
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/CDDL.txt
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/CDDL.txt.
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 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
25 # Use is subject to license terms.
26 #
27 # ident "@(#)jas.dvdimage.ksh 1.38 07/08/07 SMI"
28 #
29 # This script is used by the build_dvds script to build the pieces
30 # of the DVD image that this workspace contributes to it. The name of
31 # the DVD image is obtained from the prefix of this script's name:
32 # <dvd image name>.dvdimage.ksh
33 #
34 # This script should contain a function named build_image_<ARCH>_<OS>
35 # for every ARCH/OS combination supported by the build, so for sparc
36 # Solaris 9 the function would be named build_image_sparc_9. These ARCH/OS
37 # specific functions typically call other functions to handle the areas of
38 # the DVD that are common to multiple OSES, like the installer and
39 # external shared components. These individual functions should be made
40 # robust enough to handle the situation where they are called more than once,
41 # which is highly likely if each OS function calls a common function.
42 #
43 # See build_dvds for the list of predefined variables and functions
44 # available to this script.
45 #
46 #
47 #
48 # Variables
49 #
50 AGENTS_DIR=${DVD}/Solaris_${ARCH}/Product/sun_cluster_agents
51 CLOSED_PKGDEFS_DIR=${WS}/usr/closed/pkgdefs
52 MACH=${([ "${ARCH}" = "sparc" ] && { echo ${ARCH}; } || { echo "i386"; })}
53 ND=${([ "${DEBUG}" -eq 0 ] && echo "-nd")}
54 PKGARCH=${WS}/packages/${MACH}/Sol_${OS}${ND}
55 PKGDEFS_DIR=${WS}/usr/src/pkgdefs
56 SOL=Solaris_${OS}
57 #
58 # DVD image of external products
59 DVDIMAGE_DIR=${PKGDEFS_DIR}/dvdimages/${BASENAME} ${DVD})
60 #
61 # Agent packages
62 PACKAGES_AGFA_IMPAX=SUNWscpax

```

```

64 PACKAGES_APACHE=SUNWscapc
66 PACKAGES_APACHE_TC=SUNWscatomcat
68 PACKAGES_DHC=SUNWscdhc
70 PACKAGES_DNS=SUNWscdns
72 PACKAGES_EBS=SUNWscebs
74 PACKAGES_HADB=SUNWschadb
76 PACKAGES_IDS=SUNWscids
78 PACKAGES_KERBEROS=SUNWsc krb5
80 PACKAGES_LL10N="\
81 SUNWscapc \
82 SUNWscdns \
83 SUNWschadb \
84 SUNWschtt \
85 SUNWscslc \
86 SUNWscsnfs \
87 SUNWscscor \
88 SUNWscscllas \
89 SUNWscslmq \
90 SUNWscscap \
91 SUNWscsapdb \
92 SUNWscsapenq \
93 SUNWscsaprepl \
94 SUNWscsapscs \
95 SUNWscsapwebas \
96 SUNWscsbl \
97 SUNWscsyb \
98 SUNWscwls \
99 SUNWschadb \
100 SUNWschtt \
101 SUNWscscllas \
102 SUNWscslmq \
103 SUNWschadb \
104 SUNWschtt \
105 SUNWscscllas \
106 SUNWscslmq \
107 SUNWscapc \
108 SUNWscdns \
109 SUNWschadb \
110 SUNWschtt \
111 SUNWscslc \
112 SUNWscsnfs \
113 SUNWscscllas \
114 SUNWscslmq \
115 SUNWscsap \
116 SUNWscsapdb \
117 SUNWscsbl \
118 SUNWscwls \
119 SUNWschadb \
120 SUNWschtt \
121 SUNWscscllas \
122 SUNWscslmq \
123 SUNWjscapc \
124 SUNWjscdns \
125 SUNWjchadb \
126 SUNWjchtt \
127 SUNWjclc \
128 SUNWjscnfs \

```

```

129     SUNWjscor \
130     SUNWjscslas \
131     SUNWjcsclmq \
132     SUNWjcsap \
133     SUNWjcsapdb \
134     SUNWjcsapenq \
135     SUNWjcsaprepl \
136     SUNWjcsapsacs \
137     SUNWjcsapwebas \
138     SUNWjcsbl \
139     SUNWjcsyb \
140     SUNWjcscls \
141     SUNWkschadb \
142     SUNWkscht \
143     SUNWkscslas \
144     SUNWkscslmq"

146 PACKAGES_LIVECACHE=SUNWsclic

148 PACKAGES_MQI=SUNWscmqi

150 PACKAGES_MQS=SUNWscmq

152 PACKAGES_MYS=SUNWscmys

154 PACKAGES_NLG_SPS=SUNWscsps

156 PACKAGES_NFS=SUNWscnfs

158 PACKAGES_ORACLE=SUNWscor

160 PACKAGES_ORACLE_9IAS=SUNWsc9ias

162 PACKAGES_POSTGRESQL=SUNWscPostgreSQL

164 PACKAGES_SIAS=SUNWscslas

166 PACKAGES_SLMQ=SUNWscslmq

168 PACKAGES_SLWS=SUNWschtt

170 PACKAGES_SAA=SUNWscsaa

172 PACKAGES_SAP=SUNWscsap

174 PACKAGES_SAPDB=SUNWscsapdb

176 PACKAGES_SAPWEBAS="\
177     SUNWscsapenq \
178     SUNWscsaprepl \
179     SUNWscsapsacs \
180     SUNWscsapwebas"

182 PACKAGES_SIEBEL=SUNWscsbl

184 PACKAGES_SMB=SUNWscsmb

186 PACKAGES_SOLARIS_ZONES=SUNWsczone

188 PACKAGES_SUN_GRID_ENG=SUNWscsge

190 PACKAGES_SWIFT_GWAY=SUNWscsag

192 PACKAGES_SYBASE=SUNWscsyb

194 PACKAGES_WLS=SUNWsccls

```

```

196 # Specify which agents are supported on which platforms
197 sparc_9_AGENTS="\
198     ${PACKAGES_AGFA_IMPAX} \
199     ${PACKAGES_APACHE} \
200     ${PACKAGES_APACHE_TC} \
201     ${PACKAGES_DHC} \
202     ${PACKAGES_DNS} \
203     ${PACKAGES_EBS} \
204     ${PACKAGES_HADB} \
205     ${PACKAGES_LIVECACHE} \
206     ${PACKAGES_MQI} \
207     ${PACKAGES_MQS} \
208     ${PACKAGES_MYS} \
209     ${PACKAGES_NLG_SPS} \
210     ${PACKAGES_NFS} \
211     ${PACKAGES_ORACLE} \
212     ${PACKAGES_ORACLE_9IAS} \
213     ${PACKAGES_POSTGRESQL} \
214     ${PACKAGES_SIAS} \
215     ${PACKAGES_SLMQ} \
216     ${PACKAGES_SLWS} \
217     ${PACKAGES_SAA} \
218     ${PACKAGES_SAP} \
219     ${PACKAGES_SAPDB} \
220     ${PACKAGES_SAPWEBAS} \
221     ${PACKAGES_SIEBEL} \
222     ${PACKAGES_SMB} \
223     ${PACKAGES_SUN_GRID_ENG} \
224     ${PACKAGES_SWIFT_GWAY} \
225     ${PACKAGES_SYBASE} \
226     ${PACKAGES_WLS}"

228 sparc_10_AGENTS="\
229     ${PACKAGES_APACHE} \
230     ${PACKAGES_APACHE_TC} \
231     ${PACKAGES_DHC} \
232     ${PACKAGES_DNS} \
233     ${PACKAGES_EBS} \
234     ${PACKAGES_HADB} \
235     ${PACKAGES_KERBEROS} \
236     ${PACKAGES_LIVECACHE} \
237     ${PACKAGES_MQI} \
238     ${PACKAGES_MQS} \
239     ${PACKAGES_MYS} \
240     ${PACKAGES_NLG_SPS} \
241     ${PACKAGES_NFS} \
242     ${PACKAGES_ORACLE} \
243     ${PACKAGES_ORACLE_9IAS} \
244     ${PACKAGES_POSTGRESQL} \
245     ${PACKAGES_SIAS} \
246     ${PACKAGES_SLMQ} \
247     ${PACKAGES_SLWS} \
248     ${PACKAGES_SAA} \
249     ${PACKAGES_SAP} \
250     ${PACKAGES_SAPDB} \
251     ${PACKAGES_SAPWEBAS} \
252     ${PACKAGES_SIEBEL} \
253     ${PACKAGES_SMB} \
254     ${PACKAGES_SOLARIS_ZONES} \
255     ${PACKAGES_SUN_GRID_ENG} \
256     ${PACKAGES_SWIFT_GWAY} \
257     ${PACKAGES_SYBASE} \
258     ${PACKAGES_WLS}"

260 # Support for S11 is unknown at this time, so include all agents

```

```

261 sparc_11_AGENTS="\
262     ${PACKAGES_AGFA_IMPAX} \
263     ${PACKAGES_APACHE} \
264     ${PACKAGES_APACHE_TC} \
265     ${PACKAGES_DHC} \
266     ${PACKAGES_DNS} \
267     ${PACKAGES_EBS} \
268     ${PACKAGES_HADB} \
269     ${PACKAGES_IDS} \
270     ${PACKAGES_KERBEROS} \
271     ${PACKAGES_L10N} \
272     ${PACKAGES_LIVECACHE} \
273     ${PACKAGES_MQI} \
274     ${PACKAGES_MQS} \
275     ${PACKAGES_MYS} \
276     ${PACKAGES_NIG_SPS} \
277     ${PACKAGES_NFS} \
278     ${PACKAGES_ORACLE} \
279     ${PACKAGES_ORACLE_9IAS} \
280     ${PACKAGES_POSTGRESQL} \
281     ${PACKAGES_S1AS} \
282     ${PACKAGES_S1MQ} \
283     ${PACKAGES_S1WS} \
284     ${PACKAGES_SAA} \
285     ${PACKAGES_SAP} \
286     ${PACKAGES_SAPDB} \
287     ${PACKAGES_SAPWEBAS} \
288     ${PACKAGES_SIEBEL} \
289     ${PACKAGES_SMB} \
290     ${PACKAGES_SOLARIS_ZONES} \
291     ${PACKAGES_SUN_GRID_ENG} \
292     ${PACKAGES_SWIFT_GWAY} \
293     ${PACKAGES_SYBASE} \
294     ${PACKAGES_WLS}"

```

```

296 i386_10_AGENTS="\
297     ${PACKAGES_APACHE} \
298     ${PACKAGES_APACHE_TC} \
299     ${PACKAGES_DHC} \
300     ${PACKAGES_DNS} \
301     ${PACKAGES_HADB} \
302     ${PACKAGES_KERBEROS} \
303     ${PACKAGES_LIVECACHE} \
304     ${PACKAGES_MQI} \
305     ${PACKAGES_MQS} \
306     ${PACKAGES_MYS} \
307     ${PACKAGES_NIG_SPS} \
308     ${PACKAGES_NFS} \
309     ${PACKAGES_ORACLE} \
310     ${PACKAGES_ORACLE_9IAS} \
311     ${PACKAGES_POSTGRESQL} \
312     ${PACKAGES_S1AS} \
313     ${PACKAGES_S1MQ} \
314     ${PACKAGES_S1WS} \
315     ${PACKAGES_SAP} \
316     ${PACKAGES_SAPDB} \
317     ${PACKAGES_SAPWEBAS} \
318     ${PACKAGES_SMB} \
319     ${PACKAGES_SOLARIS_ZONES} \
320     ${PACKAGES_SUN_GRID_ENG} \
321     ${PACKAGES_SYBASE} \
322     ${PACKAGES_WLS}"

```

```
324 i386_11_AGENTS=${sparc_11_AGENTS}
```

```
326 AGENTS=$(eval echo \${${MACH}_${OS}_AGENTS})
```

```

328 #
329 # Functions
330 #
331 # Builds the external pieces of the image
332 # build_image_external()
333 build_image_external() {
334     # Check if this piece of the image has already been built
335     [ -h "${DVD}/Copyright" ] && return

337     echo "Adding the external pieces to the image"

339     # Create directories
340     ${MKDIR} ${DVD} || error "Can't create directory ${DVD}"

342     # Add dvdimage of symlinks to external products
343     (cd ${DVDIMAGE_DIR} && ${FIND} . -print | ${CPIO} -oc | (cd ${DVD} &&
344     ${CPIO} -icdum)
345 }

```

unchanged\_portion\_omitted

new/usr/src/pkgdefs/dot.order.sun\_cluster\_agents.i386

1

\*\*\*\*\*

400 Tue Jan 22 20:55:31 2008

new/usr/src/pkgdefs/dot.order.sun\_cluster\_agents.i386

\*\*\*\*\*

- 1 SUNWscpax
- 2 SUNWscapc
- 3 SUNWscatomcat
- 4 SUNWscdnc
- 5 SUNWscdncs
- 6 SUNWsccebs
- 7 SUNWschadb
- 8 **SUNWscids**
- 9 SUNWscsrb5
- 10 SUNWscslc
- 11 SUNWscmgi
- 12 SUNWscmq
- 13 SUNWscmys
- 14 SUNWscsps
- 15 SUNWscnfs
- 16 SUNWscor
- 17 SUNWsc9ias
- 18 SUNWscucm
- 19 SUNWscmd
- 20 SUNWscPostgreSQL
- 21 SUNWscslas
- 22 SUNWscslmq
- 23 SUNWschtt
- 24 SUNWscsaa
- 25 SUNWscsap
- 26 SUNWscsapdb
- 27 SUNWscsapenq
- 28 SUNWscsaprepl
- 29 SUNWscsapwebas
- 30 SUNWscsapscs
- 31 SUNWscsbl
- 32 SUNWscsmb
- 33 SUNWsczone
- 34 SUNWscsge
- 35 SUNWscsag
- 36 SUNWscsyb
- 37 SUNWscwls

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.sparc

1

\*\*\*\*\*

8686 Tue Jan 22 20:55:32 2008

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.sparc

\*\*\*\*\*

```
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the License).
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/CDDL.txt
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/CDDL.txt.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets [] replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 # ident "@(#)dot.clustertoc.sun_cluster_agents.sparc 1.8 07/08/07 SMI"
27 #
28 #
29 #
30 # Sun Cluster HA for Agfa IMPAX
31 #
32 CLUSTER=SUNWC_DS_pax
33 NAME=Sun Cluster HA for AGFA IMPAX
34 DESC=Sun Cluster HA for AGFA IMPAX
35 VENDOR=Sun Microsystems, Inc.
36 VERSION=3.1
37 SUNW_CSRMEMBER=SUNWscpax
38 END
39 #
40 #
41 # Sun Cluster HA for Apache
42 #
43 CLUSTER=SUNWC_DS_apache
44 NAME=Sun Cluster HA for Apache
45 DESC=Sun Cluster HA for Apache
46 VENDOR=Sun Microsystems, Inc.
47 VERSION=3.0
48 SUNW_CSRMEMBER=SUNWscapc
49 END
50 #
51 #
52 # Sun Cluster HA for Apache Tomcat
53 #
54 CLUSTER=SUNWC_DS_tomcat
55 NAME=Sun Cluster HA for Apache Tomcat
56 DESC=Sun Cluster HA for Apache Tomcat
57 VENDOR=Sun Microsystems, Inc.
58 VERSION=3.1
59 SUNW_CSRMEMBER=SUNWsctomcat
60 END
61 #
62 #
```

new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.sparc

2

```
63 # Sun Cluster HA for DHCP
64 #
65 CLUSTER=SUNWC_DS_dhcp
66 NAME=Sun Cluster HA for DHCP
67 DESC=Sun Cluster HA for DHCP
68 VENDOR=Sun Microsystems, Inc.
69 VERSION=3.1
70 SUNW_CSRMEMBER=SUNWscdhc
71 END
72 #
73 #
74 # Sun Cluster HA for Domain Name Server (DNS)
75 #
76 CLUSTER=SUNWC_DS_dns
77 NAME=Sun Cluster HA for DNS
78 DESC=Sun Cluster HA for DNS
79 VENDOR=Sun Microsystems, Inc.
80 VERSION=1.0
81 SUNW_CSRMEMBER=SUNWscdns
82 END
83 #
84 #
85 # Sun Cluster HA for Oracle E-Business suite
86 #
87 CLUSTER=SUNWC_DS_ebs
88 NAME=Sun Cluster HA for Oracle E-Business Suite
89 DESC=Sun Cluster HA for Oracle E-Business Suite
90 VENDOR=Sun Microsystems, Inc.
91 VERSION=3.1
92 SUNW_CSRMEMBER=SUNWscebs
93 END
94 #
95 #
96 # Sun Cluster HA Sun Java System App Server EE (HADB)
97 #
98 CLUSTER=SUNWC_DS_hadb
99 NAME=Sun Cluster HA Sun Java System App Server EE (HADB)
100 DESC=Sun Cluster HA Sun Java System App Server EE (HADB)
101 VENDOR=Sun Microsystems, Inc.
102 VERSION=1.0
103 SUNW_CSRMEMBER=SUNWschadb
104 END
105 #
106 #
107 # Sun Cluster HA for Informix Dynamic Server
108 #
109 CLUSTER=SUNWC_DS_ids
110 NAME=Sun Cluster HA for Informix Dynamic Server
111 DESC=Sun Cluster HA for Informix Dynamic Server
112 VENDOR=Sun Microsystems, Inc.
113 VERSION=3.2
114 SUNW_CSRMEMBER=SUNWscids
115 END
116 #
117 #
118 # Sun Cluster HA for Kerberos
119 #
120 CLUSTER=SUNWC_DS_kerberos
121 NAME=Sun Cluster HA for Kerberos
122 DESC=Sun Cluster HA for Kerberos
123 VENDOR=Sun Microsystems, Inc.
124 VERSION=3.2
125 SUNW_CSRMEMBER=SUNWsckrb5
126 END
127 #
128 #
```

```

129 # Sun Cluster HA for SAP liveCache
130 #
131 CLUSTER=SUNWC_DS_livecache
132 NAME=Sun Cluster HA for SAP liveCache
133 DESC=Sun Cluster HA for SAP liveCache
134 VENDOR=Sun Microsystems, Inc.
135 VERSION=1.0
136 SUNW_CSRMEMBER=SUNWsclic
137 END

139 #
140 # Sun Cluster HA for WebSphere MQ Broker
141 #
142 CLUSTER=SUNWC_DS_mqi
143 NAME=Sun Cluster HA for WebSphere MQ Broker
144 DESC=Sun Cluster HA for WebSphere MQ Broker
145 VENDOR=Sun Microsystems, Inc.
146 VERSION=3.1
147 SUNW_CSRMEMBER=SUNWscmqi
148 END

150 #
151 # Sun Cluster HA for WebSphere MQ
152 #
153 CLUSTER=SUNWC_DS_mqs
154 NAME=Sun Cluster HA for WebSphere MQ
155 DESC=Sun Cluster HA for WebSphere MQ
156 VENDOR=Sun Microsystems, Inc.
157 VERSION=3.1
158 SUNW_CSRMEMBER=SUNWscmq
159 END

161 #
162 # Sun Cluster HA for MySQL
163 #
164 CLUSTER=SUNWC_DS_mys
165 NAME=Sun Cluster HA for MySQL
166 DESC=Sun Cluster HA for MySQL
167 VENDOR=Sun Microsystems, Inc.
168 VERSION=3.1
169 SUNW_CSRMEMBER=SUNWscmys
170 END

172 #
173 # Sun Cluster HA for N1 Grid Provisioning System
174 #
175 CLUSTER=SUNWC_DS_nlsps
176 NAME=Sun Cluster HA for N1 Grid Service Provisioning
177 DESC=Sun Cluster HA for N1 Grid Service Provisioning
178 VENDOR=Sun Microsystems, Inc.
179 VERSION=3.1
180 SUNW_CSRMEMBER=SUNWscsps
181 END

183 #
184 # Sun Cluster HA for Network File System (NFS)
185 #
186 CLUSTER=SUNWC_DS_nfs
187 NAME=Sun Cluster HA for NFS
188 DESC=Sun Cluster HA for NFS
189 VENDOR=Sun Microsystems, Inc.
190 VERSION=1.0
191 SUNW_CSRMEMBER=SUNWscnfs
192 END

194 #

```

```

195 # Sun Cluster HA for Oracle
196 #
197 CLUSTER=SUNWC_DS_oracle
198 NAME=Sun Cluster HA for Oracle
199 DESC=Sun Cluster HA for Oracle
200 VENDOR=Sun Microsystems, Inc.
201 VERSION=3.1
202 SUNW_CSRMEMBER=SUNWscor
203 END

205 #
206 # Sun Cluster HA for Oracle Application Server
207 #
208 CLUSTER=SUNWC_DS_9ias
209 NAME=Sun Cluster HA for Oracle Application Server
210 DESC=Sun Cluster HA for Oracle Application Server
211 VENDOR=Sun Microsystems, Inc.
212 VERSION=3.1
213 SUNW_CSRMEMBER=SUNWsc9ias
214 END

216 #
217 # Sun Cluster Oracle RAC CVM
218 #
219 CLUSTER=SUNWC_RAC_rac_cvm
220 NAME=Sun Cluster Oracle RAC CVM
221 DESC=Sun Cluster Oracle RAC CVM
222 VENDOR=Sun Microsystems, Inc.
223 VERSION=3.1
224 SUNW_CSRMEMBER=SUNWscvmr
225 SUNW_CSRMEMBER=SUNWscvm
226 END

228 #
229 # Sun Cluster Oracle RAC Framework
230 #
231 CLUSTER=SUNWC_RAC_oracle_rac
232 NAME=Sun Cluster Oracle RAC
233 DESC=Sun Cluster Oracle RAC
234 VENDOR=Sun Microsystems, Inc.
235 VERSION=3.1
236 SUNW_CSRMEMBER=SUNWscucm
237 SUNW_CSRMEMBER=SUNWudlmr
238 SUNW_CSRMEMBER=SUNWudlm
239 SUNW_CSRMEMBER=SUNWscor
240 END

242 #
243 # Sun Cluster Oracle RAC SVM
244 #
245 CLUSTER=SUNWC_RAC_rac_svm
246 NAME=Sun Cluster Oracle RAC SVM
247 DESC=Sun Cluster Oracle RAC SVM
248 VENDOR=Sun Microsystems, Inc.
249 VERSION=3.1
250 SUNW_CSRMEMBER=SUNWscmd
251 END

253 #
254 # Sun Cluster HA for PostgreSQL
255 #
256 CLUSTER=SUNWC_DS_PostgreSQL
257 NAME=Sun Cluster HA for PostgreSQL
258 DESC=Sun Cluster HA for PostgreSQL
259 VENDOR=Sun Microsystems, Inc.
260 VERSION=3.2

```

```

261 SUNW_CSRMEMBER=SUNWscPostgreSQL
262 END

264 #
265 # Sun Cluster HA Sun Java System Application Server
266 #
267 CLUSTER=SUNWC_DS_slas
268 NAME=Sun Cluster HA Sun Java System Application Server
269 DESC=Sun Cluster HA Sun Java System Application Server
270 VENDOR=Sun Microsystems, Inc.
271 VERSION=1.0
272 SUNW_CSRMEMBER=SUNWscslas
273 END

275 #
276 # Sun Cluster HA Sun Java System Message Queue
277 #
278 CLUSTER=SUNWC_DS_slmq
279 NAME=Sun Cluster HA Sun Java System Message Queue
280 DESC=Sun Cluster HA Sun Java System Message Queue
281 VENDOR=Sun Microsystems, Inc.
282 VERSION=1.0
283 SUNW_CSRMEMBER=SUNWscslmq
284 END

286 #
287 # Sun Cluster HA Sun Java System Web Server
288 #
289 CLUSTER=SUNWC_DS_iws
290 NAME=Sun Cluster HA Sun Java System Web Server
291 DESC=Sun Cluster HA Sun Java System Web Server
292 VENDOR=Sun Microsystems, Inc.
293 VERSION=1.0
294 SUNW_CSRMEMBER=SUNWschtt
295 END

297 #
298 # Sun Cluster HA for SWIFTAlliance Access
299 #
300 CLUSTER=SUNWC_DS_saa
301 NAME=Sun Cluster HA for SWIFTAlliance Access
302 DESC=Sun Cluster HA for SWIFTAlliance Access
303 VENDOR=Sun Microsystems, Inc.
304 VERSION=3.1
305 SUNW_CSRMEMBER=SUNWscsaa
306 END

308 #
309 # Sun Cluster HA for SAP
310 #
311 CLUSTER=SUNWC_DS_sap
312 NAME=Sun Cluster HA for SAP
313 DESC=Sun Cluster HA for SAP
314 VENDOR=Sun Microsystems, Inc.
315 VERSION=1.0
316 SUNW_CSRMEMBER=SUNWscsap
317 END

319 #
320 # Sun Cluster SAPDB Data Service
321 #
322 CLUSTER=SUNWC_DS_sapdb
323 NAME=Sun Cluster HA for SAPDB
324 DESC=Sun Cluster HA for SAPDB
325 VENDOR=Sun Microsystems, Inc.
326 VERSION=1.0

```

```

327 SUNW_CSRMEMBER=SUNWscslc
328 SUNW_CSRMEMBER=SUNWscsapdb
329 END

331 #
332 # Sun Cluster SAP Web Application Server Data Service
333 #
334 CLUSTER=SUNWC_DS_sapwebas
335 NAME=Sun Cluster HA for SAP Web Application Server
336 DESC=Sun Cluster HA for SAP Web Application Server
337 VENDOR=Sun Microsystems, Inc.
338 VERSION=1.0
339 SUNW_CSRMEMBER=SUNWscsapenq
340 SUNW_CSRMEMBER=SUNWscsaprepl
341 SUNW_CSRMEMBER=SUNWscsapwebas
342 SUNW_CSRMEMBER=SUNWscsapscs
343 END

345 #
346 # Sun Cluster HA for Siebel
347 #
348 CLUSTER=SUNWC_DS_siebel
349 NAME=Sun Cluster HA for Siebel
350 DESC=Sun Cluster HA for Siebel
351 VENDOR=Sun Microsystems, Inc.
352 VERSION=1.0
353 SUNW_CSRMEMBER=SUNWscsbl
354 END

356 #
357 # Sun Cluster HA for Samba
358 #
359 CLUSTER=SUNWC_DS_smb
360 NAME=Sun Cluster HA for Samba
361 DESC=Sun Cluster HA for Samba
362 VENDOR=Sun Microsystems, Inc.
363 VERSION=3.1
364 SUNW_CSRMEMBER=SUNWscsmb
365 END

367 #
368 # Sun Cluster HA for for Solaris Zones
369 #
370 CLUSTER=SUNWC_DS_container
371 NAME=Sun Cluster HA for Solaris Containers
372 DESC=Sun Cluster HA for Solaris Containers
373 VENDOR=Sun Microsystems, Inc.
374 VERSION=3.1
375 SUNW_CSRMEMBER=SUNWsczzone
376 END

378 #
379 # Sun Cluster HA for Sun Grid Engine
380 #
381 CLUSTER=SUNWC_DS_nlge
382 NAME=Sun Cluster HA for Sun Grid Engine
383 DESC=Sun Cluster HA for Sun Grid Engine
384 VENDOR=Sun Microsystems, Inc.
385 VERSION=3.1
386 SUNW_CSRMEMBER=SUNWscsge
387 END

389 #
390 # Sun Cluster HA for Swift Alliance Gateway
391 #
392 CLUSTER=SUNWC_DS_sag

```

**new/usr/src/pkgdefs/dot.clustertoc.sun\_cluster\_agents.sparc**

7

```
393 NAME=Sun Cluster HA for SWIFT Alliance Gateway
394 DESC=Sun Cluster HA for SWIFT Alliance Gateway
395 VENDOR=Sun Microsystems, Inc.
396 VERSION=3.1
397 SUNW_CSRMEMBER=SUNWscsag
398 END
```

```
400 #
401 # Sun Cluster HA for Sybase ASE
402 #
403 CLUSTER=SUNWC_DS_sybase
404 NAME=Sun Cluster HA for Sybase ASE
405 DESC=Sun Cluster HA for Sybase ASE
406 VENDOR=Sun Microsystems, Inc.
407 VERSION=3.0
408 SUNW_CSRMEMBER=SUNWscsyb
409 END
```

```
411 #
412 # Sun Cluster HA for BEA WebLogic Server
413 #
414 CLUSTER=SUNWC_DS_wls
415 NAME=Sun Cluster HA for BEA WebLogic Server
416 DESC=Sun Cluster HA for BEA WebLogic Server
417 VENDOR=Sun Microsystems, Inc.
418 VERSION=3.1
419 SUNW_CSRMEMBER=SUNWscwls
420 END
```

new/usr/src/pkgdefs/SUNWscids/Makefile

1

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1045 Tue Jan 22 20:55:33 2008

new/usr/src/pkgdefs/SUNWscids/Makefile

\*\*\*\*\*

```
1 #
2 # CDDL HEADER START
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4 # The contents of this file are subject to the terms of the
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11 # and limitations under the License.
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16 # fields enclosed by brackets [] replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 #ident      "%Z%M% %I%      %E% SMI"
27 #
28 #
29 include ../Makefile.com
30 #
31 BASEDIR = /opt
32 #
33 DATAFILES += depend
34 #
35 .KEEP_STATE:
36 #
37 all: $(FILES)
38 install: all pkg
39 #
40 include ../Makefile.targ
```

new/usr/src/pkgdefs/SUNWscids/pkginfo.tmpl

1

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1745 Tue Jan 22 20:55:33 2008

new/usr/src/pkgdefs/SUNWscids/pkginfo.tmpl

\*\*\*\*\*

```
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18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 #ident      "%Z%M% %I%      %E% SMI"
27 #
28 # This required package information file describes characteristics of the
29 # package, such as package abbreviation, full package name, package version,
30 # and package architecture.
31 #
32 PKG="SUNWscids"
33 NAME="Sun Cluster HA for Informix Dynamic Server"
34 ARCH="ISA"
35 VERSION="3.2.0,REV=0.0.0"
36 SUNW_PRODNAME="Sun Cluster"
37 SUNW_PRODVERS="RELEASE/VERSION"
38 SUNW_PKGVERS="1.0"
39 SUNW_PKGTYPE=""
40 MAXINST="1000"
41 CATEGORY="application"
42 DESC="Sun Cluster HA for Informix Dynamic Server"
43 VENDOR="Sun Microsystems, Inc."
44 HOTLINE="Please contact your local service provider"
45 EMAIL=""
46 CLASSES="none"
47 BASEDIR=/opt
48 #VSTOCK=<reserved by Release Engineering for package part #>"
49 #ISTATES=<developer defined>"
50 #RSTATES=<developer defined>"
51 #ULIMIT=<developer defined>"
52 #ORDER=<developer defined>"
53 #PSTAMP=<developer defined>"
54 #INTONLY=<developer defined>"
```

```
*****
1550 Tue Jan 22 20:55:33 2008
new/usr/src/pkgdefs/SUNWscids/depend.tmpl
*****
```

```
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18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 #ident      "%Z%M% %I%      %E% SMI"
27 #
28 # This package information file defines software dependencies associated
29 # with the pkg. You can define three types of pkg dependencies with this file:
30 #     P indicates a prerequisite for installation
31 #     I indicates an incompatible package
32 #     R indicates a reverse dependency
33 # <pkg.abbr> see pkginfo(4), PKG parameter
34 # <name> see pkginfo(4), NAME parameter
35 # <version> see pkginfo(4), VERSION parameter
36 # <arch> see pkginfo(4), ARCH parameter
37 # <type> <pkg.abbr> <name>
38 #     (<arch><version>)
39 #     (<arch><version>)
40 #     ...
41 # <type> <pkg.abbr> <name>
42 #     ...
43 #
44 P SUNWscr      Sun Cluster, (root)
45 P SUNWscgds    Sun Cluster Generic Data Service
```

new/usr/src/pkgdefs/SUNWscids/prototype\_i386

1

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1656 Tue Jan 22 20:55:33 2008

new/usr/src/pkgdefs/SUNWscids/prototype\_i386

\*\*\*\*\*

```
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17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 #ident      "%Z%M% %I%      %E% SMI"
27 #
28 # This required package information file contains a list of package contents.
29 # The 'pkgmk' command uses this file to identify the contents of a package
30 # and their location on the development machine when building the package.
31 # Can be created via a text editor or through use of the 'pkgproto' command.
32 #
33 #!search <pathname pathname ...>      # where to find pkg objects
34 #!include <filename>                   # include another 'prototype' file
35 #!default <mode> <owner> <group>      # default used if not specified on entry
36 #!<param>=<value>                      # puts parameter in pkg environment
37 #
38 #
39 # Include ISA independent files (prototype_com)
40 #
41 #include prototype_com
42 #
43 #
44 # List files which are i386 specific here
45 #
46 # source locations relative to the prototype file
47 #
48 # SUNWscids
49 #
```

```
*****
2318 Tue Jan 22 20:55:33 2008
```

```
new/usr/src/pkgdefs/SUNWscids/prototype_com
```

```
*****
```

```
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19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 #ident      "%Z%M% %I%      %E% SMI"
27 #
28 # This required package information file contains a list of package contents.
29 # The 'pkgmk' command uses this file to identify the contents of a package
30 # and their location on the development machine when building the package.
31 # Can be created via a text editor or through use of the 'pkgproto' command.
32 #
33 #!search <pathname pathname ...>      # where to find pkg objects
34 #!include <filename>                   # include another 'prototype' file
35 #!default <mode> <owner> <group>      # default used if not specified on entry
36 #!<param>=<value>                      # puts parameter in pkg environment
37 #
38 # packaging files
39 i depend
40 i pkginfo
41 i copyright
42 #
43 # source locations relative to the prototype file
44 #
45 # SUNWscids
46 #
47 d none SUNWscids 0755 root bin
48 d none SUNWscids/bin 0755 root bin
49 f none SUNWscids/bin/control_ids 0555 root bin
50 f none SUNWscids/bin/functions 0555 root bin
51 d none SUNWscids/etc 0755 root bin
52 f none SUNWscids/etc/SUNW.ids 0444 root bin
53 f none SUNWscids/etc/config 0644 root bin
54 d none SUNWscids/util 0755 root bin
55 f none SUNWscids/util/ids_config 0644 root bin
56 f none SUNWscids/util/ids_register 0555 root bin
57 f none SUNWscids/util/ids_smf_register 0555 root bin
58 f none SUNWscids/util/ids_smf_remove 0555 root bin
59 d none cluster 0755 root bin
60 d none cluster/lib 0755 root bin
61 d none cluster/lib/rgm 0755 root bin
62 d none cluster/lib/rgm/gdsdata 0755 root bin
```

```
63 s none cluster/lib/rgm/gdsdata/SUNW.ids=../../../../../SUNWscids/etc/SUNW.ids
```

new/usr/src/pkgdefs/SUNWscids/prototype\_sparc

1

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1655 Tue Jan 22 20:55:34 2008

new/usr/src/pkgdefs/SUNWscids/prototype\_sparc

\*\*\*\*\*

```
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19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2007 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #
26 #ident      "%Z%M% %I%      %E% SMI"
27 #
28 # This required package information file contains a list of package contents.
29 # The 'pkgmk' command uses this file to identify the contents of a package
30 # and their location on the development machine when building the package.
31 # Can be created via a text editor or through use of the 'pkgproto' command.
32 #
33 #!search <pathname pathname ...>      # where to find pkg objects
34 #!include <filename>                   # include another 'prototype' file
35 #!default <mode> <owner> <group>      # default used if not specified on entry
36 #!<param>=<value>                      # puts parameter in pkg environment
37 #
38 #
39 # Include ISA independent files (prototype_com)
40 #
41 #include prototype_com
42 #
43 # List files which are SPARC specific here
44 #
45 # source locations relative to the prototype file
46 #
47 # SUNWscids
48 #
```