

```

*****
4584 Wed Apr 16 09:55:54 2014
new/usr/src/man/man1m/soconfig.1m
4544 sock2path(4) man page needs to be updated for configuration fragments
Reviewed by: Josef 'Jeff' Sipek <jeffpc@josefsipek.net>
Reviewed by: Marcel Telka <marcel@telka.sk>
*****
1 \" te
2 .\" Copyright (c) 2008, Sun Microsystems, Inc. All Rights Reserved
3 .\" The contents of this file are subject to the terms of the Common Development
4 .\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
5 .\" When distributing Covered Code, include this CDDL HEADER in each file and in
6 .TH SOCONFIG 1M \"Apr 12, 2014\"
6 .TH SOCONFIG 1M \"Oct 29, 2008\"
7 .SH NAME
8 soconfig \- configure transport providers for use by sockets
9 .SH SYNOPSIS
10 .LP
11 .nf
12 \fB/sbin/soconfig\fR \fB-d\fR \fIDir\fR
13 .fi

15 .LP
16 .nf
17 #endif /* ! codereview */
18 \fB/sbin/soconfig\fR \fB-f\fR \fIfile\fR
19 .fi

21 .LP
22 .nf
23 \fB/sbin/soconfig\fR \fIfamily\fR \fItype\fR \fIprotocol\fR [\fImodule\fR | \fIIP
24 \fB/sbin/soconfig\fR \fIfamily\fR \fItype\fR \fIprotocol\fR [\fIpath\fR]
24 .fi

26 .SH DESCRIPTION
27 .sp
28 .LP
29 The \fBsoconfig\fR utility configures the transport provider driver for use
30 with sockets. It specifies how the family, type, and protocol parameters in the
31 \fBsocket\fR(3SOCKET) call are mapped to the name of a transport provider such
32 as \fB/dev/tcp\fR. This utility can be used to add an additional mapping or
33 remove a previous mapping.
34 .sp
35 .LP
36 The \fBbinit\fR(1M) utility uses \fBsoconfig\fR with the \fBsock2path.d\fR(4)
37 directory during the booting sequence.
38 The \fBbinit\fR(1M) utility uses \fBsoconfig\fR with the \fBsock2path\fR(4) file
39 during the booting sequence.
40 .SH OPTIONS
41 .sp
42 .LP
43 The following options are supported:
44 .sp
45 .na
46 \fB-d\fR \fIDir\fR
47 .ad
48 .RS 11n
49 Set up the \fBsoconfig\fR configuration for each driver
50 according to the information stored in the
51 files in \fIDir\fR.
52 .RE

53 .sp
54 .ne 2
55 .na

```

```

56 #endif /* ! codereview */
57 \fB-f\fR \fIfile\fR
58 .ad
59 .RS 11n
60 Set up the \fBsoconfig\fR configuration for each driver according to the
61 information stored in \fIfile\fR. A \fBsoconfig\fR file consists of lines of at
62 information stored in \fBfile\fR. A \fBsoconfig\fR file consists of lines of at
63 least the first three fields listed below, separated by spaces:
64 .sp
65 \fIfamily type protocol [module | path]\fR
66 \fIfamily type protocol path\fR
67 .sp
68 These fields are described in the \fBOPERANDS\fR section below.
69 .sp
70 An example of \fIfile\fR can be found in the \fBEXAMPLES\fR section below.
71 An example of \fBfile\fR can be found in the \fBEXAMPLES\fR section below.
72 .RE

73 .SH OPERANDS
74 .sp
75 .LP
76 The following operands are supported:
77 .sp
78 .ne 2
79 .na
80 \fB-f\fR \fIfamily\fR \fItype\fR
81 .ad
82 .RS 17n
83 The protocol family as listed in the \fB/usr/include/sys/socket.h\fR file,
84 expressed as an integer.
85 .RE

86 .sp
87 .ne 2
88 .na
89 \fB-t\fR \fItype\fR
90 .ad
91 .RS 17n
92 The socket type as listed in the \fB/usr/include/sys/socket.h\fR file,
93 expressed as an integer.
94 .RE

95 .sp
96 .ne 2
97 .na
98 \fB-p\fR \fIprotocol\fR \fItype\fR
99 .ad
100 .RS 17n
101 The protocol number as specified in the family-specific \fBinclude\fR file,
102 expressed as an integer. For example, for \fBBAF_INET\fR this number is
103 specified in \fB/usr/include/netinet/in.h\fR. An unspecified protocol number is
104 denoted with the value zero.
105 .RE

106 .sp
107 .ne 2
108 .na
109 \fB-m\fR \fImodule\fR | \fIpath\fR
110 .ad
111 .RS 17n
112 The module name or path name of a device that corresponds to the transport
113 provider, such as \fBtcp\fR or \fB/dev/tcp\fR. Modules must reside in
114 \fBkernel/socketmod\fR. A device name must begin with \fB/dev\fR. If this
115 parameter is specified, the configuration will be added for the specified
116 family, type, and protocol. If this parameter is not specified, the
117 configuration will be removed.
118 .RE

```

```

119 .RE
121 .SH EXAMPLES
122 .LP
123 \fBExample 1 \fRUsing \fBsoconfig\fR
124 .sp
125 .LP
126 The following example sets up a module for family \fBAF_INET\fR and type
127 \fB SOCK_STREAM\fR:
129 .sp
130 .in +2
131 .nf
132 example# \fBsoconfig 2 2 0 tcp\fR
133 .fi
134 .in -2
135 .sp
137 .sp
138 .LP
139 The following example sets up \fB/dev/tcp\fR for family \fBAF_INET\fR and type
140 \fB SOCK_STREAM\fR:
142 .sp
143 .in +2
144 .nf
145 example# \fBsoconfig 2 2 0 /dev/tcp\fR
146 .fi
147 .in -2
148 .sp
150 .sp
151 .LP
152 The following is a sample file used with the \fB-f\fR option. Comment lines
153 begin with a hash mark (\fB#\fR):
155 .sp
156 .in +2
157 .nf
158 # Family Type Protocol Module | Path
159 2 2 0 tcp
160 2 2 6 tcp
162 2 1 0 udp
163 2 1 17 udp
165 1 2 0 /dev/ticotsord
166 1 1 0 /dev/ticlts
168 2 4 0 icmp
169 .fi
170 .in -2
171 .sp
173 .SH FILES
174 .sp
175 .ne 2
176 .na
177 \fB\fR/etc/sock2path.d\fR\fR
178 \fB\fR/etc/sock2path\fR\fR
179 .RS 18n
180 Directory containing files with mappings from
181 sockets to transport providers.
182 File containing mappings from sockets to transport providers.
182 .RE

```

```

184 .SH SEE ALSO
185 .sp
186 .LP
187 \fB Binit\fR(1M), \fBsock2path.d\fR(4), \fBAttributes\fR(5)
188 \fB Binit\fR(1M), \fBsock2path\fR(4), \fBAttributes\fR(5)
188 .sp
189 .LP
190 \fBNetwork Interface Guide\fR

```

```

*****
5666 Wed Apr 16 09:55:54 2014
new/usr/src/man/man4/Makefile
4544 sock2path(4) man page needs to be updated for configuration fragments
Reviewed by: Josef 'Jeff' Sipek <jeffpc@josefsipek.net>
Reviewed by: Marcel Telka <marcel@telka.sk>
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet
9 # at http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright 2013 Nexenta Systems, Inc. All rights reserved.
15 #
16 #
17 include      $(SRC)/Makefile.master
18 #
19 MANSECT=     4
20 #
21 _MANFILES=   Intro.4           \|
22              NISLDAPmapping.4 \|
23              a.out.4          \|
24              admin.4          \|
25              alias.4         \|
26              aliases.4       \|
27              au.4            \|
28              audit.log.4      \|
29              audit_class.4    \|
30              audit_control.4  \|
31              audit_event.4    \|
32              audit_user.4     \|
33              auth_attr.4      \|
34              autofs.4         \|
35              bart_manifest.4  \|
36              bart_rules.4     \|
37              bootparams.4     \|
38              cardbus.4        \|
39              compver.4        \|
40              contents.4       \|
41              contract.4       \|
42              copyright.4      \|
43              core.4           \|
44              crypt.conf.4     \|
45              crypto_certs.4   \|
46              d_passwd.4       \|
47              dacf.conf.4      \|
48              dat.conf.4       \|
49              default_fs.4     \|
50              defaultdomain.4  \|
51              defaultrouter.4  \|
52              depend.4         \|
53              device_allocate.4 \|
54              device_contract.4 \|
55              device_maps.4    \|
56              devices.4        \|
57              dfstab.4         \|
58              dhcp_inittab.4   \|
59              dhcp_network.4   \|

```

```

60              dhcpcsvc.conf.4  \|
61              dhcptab.4        \|
62              dialups.4        \|
63              dir_ufs.4        \|
64              driver.conf.4    \|
65              ds.log.4         \|
66              ethers.4         \|
67              exec_attr.4      \|
68              fdi.4            \|
69              format.dat.4     \|
70              fspec.4          \|
71              fstypes.4        \|
72              ftp.4            \|
73              ftpaccess.4      \|
74              ftpconversions.4 \|
75              ftpgroups.4     \|
76              ftphosts.4      \|
77              ftpservers.4     \|
78              ftpusers.4      \|
79              fx_dptbl.4       \|
80              gateways.4      \|
81              group.4          \|
82              gsscred.conf.4   \|
83              hba.conf.4       \|
84              holidays.4      \|
85              hosts.4         \|
86              hosts.equiv.4    \|
87              hosts_access.4   \|
88              hosts_options.4 \|
89              ib.4            \|
90              ike.config.4     \|
91              ike.preshared.4  \|
92              inet_type.4      \|
93              inetd.conf.4     \|
94              init.4           \|
95              init.d.4         \|
96              inittab.4        \|
97              ipaddrsel.conf.4 \|
98              ipnodes.4       \|
99              issue.4         \|
100             kadm5.acl.4      \|
101             kdc.conf.4       \|
102             keytables.4      \|
103             krb5.conf.4      \|
104             ldapfilter.conf.4 \|
105             ldapsearchprefs.conf.4 \|
106             ldaptemplates.conf.4 \|
107             logadm.conf.4     \|
108             logindevperm.4    \|
109             loginlog.4       \|
110             magic.4          \|
111             md.tab.4         \|
112             mddb.cf.4        \|
113             mech.4           \|
114             meddb.4          \|
115             mnttab.4         \|
116             mod_ipp.4        \|
117             mpapi.conf.4     \|
118             nca.if.4         \|
119             ncad_addr.4      \|
120             ncakmod.conf.4    \|
121             ncalogd.conf.4    \|
122             ncaport.conf.4    \|
123             ndmp.4           \|
124             ndpd.conf.4      \|
125             netconfig.4     \|

```

```

126 netgroup.4
127 netid.4
128 netmasks.4
129 netrc.4
130 networks.4
131 nfs.4
132 nfslog.conf.4
133 nfssec.conf.4
134 nodename.4
135 nologin.4
136 note.4
137 notrouter.4
138 nscd.conf.4
139 nsmbrc.4
140 nss.4
141 nsswitch.conf.4
142 packingrules.4
143 pam.conf.4
144 passwd.4
145 path_to_inst.4
146 pci.4
147 phones.4
148 pkginfo.4
149 pkgmap.4
150 policy.conf.4
151 power.conf.4
152 printers.4
153 printers.conf.4
154 priv_names.4
155 proc.4
156 process.4
157 prof_attr.4
158 profile.4
159 project.4
160 protocols.4
161 prototype.4
162 pseudo.4
163 publickey.4
164 queuedefs.4
165 rcmscript.4
166 rdc.cf.4
167 remote.4
168 resolv.conf.4
169 rmtab.4
170 rpc.4
171 rt_dptbl.4
172 sasl_appname.conf.4
173 scsi.4
174 securenets.4
175 sel_config.4
176 sendmail.4
177 service_bundle.4
178 service_provider.conf.4
179 services.4
180 shadow.4
181 sharetab.4
182 shells.4
183 slp.conf.4
184 slpd.reg.4
185 smb.4
186 smbautohome.4
187 smhba.conf.4
188 sndr.4
189 sock2path.d.4
189 sock2path.4
190 space.4

```

```

191 ssh_config.4
192 sshd_config.4
193 sulog.4
194 syslog.conf.4
195 system.4
196 term.4
197 terminfo.4
198 timezone.4
199 tnf_kernel_probes.4
200 ts_dptbl.4
201 ttydefs.4
202 ttysrch.4
203 ufsdump.4
204 updaters.4
205 user_attr.4
206 utmp.4
207 utmpx.4
208 vfstab.4
209 volume-config.4
210 volume-request.4
211 wanboot.conf.4
212 warn.conf.4
213 xferlog.4
214 ypfiles.4
215 yppasswdd.4
216 ypserv.4
217 zoneinfo.4

219 sparc_MANFILES= sbus.4

221 i386_MANFILES= sysbus.4

223 _MANLINKS= addresses.4
224 devid_cache.4
225 devname_cache.4
226 dir.4
227 dumpdates.4
228 fbtabs.4
229 forward.4
230 fs.4
231 hosts.allow.4
232 hosts.deny.4
233 intro.4
234 md.cf.4
235 mdi_ib_cache.4
236 mdi_scsi_vhci_cache.4
237 pci_unitaddr_persistent.4
238 pcie.4
239 qop.4
240 rhosts.4
241 sendmail.cf.4
242 snapshot_cache.4
243 submit.cf.4
244 volume-defaults.4
245 wttmp.4
246 wttmpx.4

248 i386_MANLINKS= isa.4

250 MANFILES= $(MANFILES) $(MACH)_MANFILES
251 MANLINKS= $(MANLINKS) $(MACH)_MANLINKS

253 intro.4 := LINKSRC = Intro.4

255 addresses.4 := LINKSRC = aliases.4
256 forward.4 := LINKSRC = aliases.4

```

```
258 fs.4 := LINKSRC = default_fs.4

260 devid_cache.4 := LINKSRC = devices.4
261 devname_cache.4 := LINKSRC = devices.4
262 mdi_ib_cache.4 := LINKSRC = devices.4
263 mdi_scsi_vhci_cache.4 := LINKSRC = devices.4
264 pci_unitaddr_persistent.4 := LINKSRC = devices.4
265 snapshot_cache.4 := LINKSRC = devices.4

267 dir.4 := LINKSRC = dir_ufs.4

269 rhosts.4 := LINKSRC = hosts_equiv.4

271 hosts.allow.4 := LINKSRC = hosts_access.4
272 hosts.deny.4 := LINKSRC = hosts_access.4

274 fctab.4 := LINKSRC = logindevperm.4

276 md.cf.4 := LINKSRC = md.tab.4

278 qop.4 := LINKSRC = mech.4

280 pcie.4 := LINKSRC = pci.4

282 sendmail.cf.4 := LINKSRC = sendmail.4
283 submit.cf.4 := LINKSRC = sendmail.4

285 isa.4 := LINKSRC = sysbus.4

287 dumpdates.4 := LINKSRC = ufsdump.4

289 wtmp.4 := LINKSRC = utmp.4

291 wtmpx.4 := LINKSRC = utmpx.4

293 volume-defaults.4 := LINKSRC = volume-request.4

295 .KEEP_STATE:

297 include $(SRC)/man/Makefile.man

299 install: $(ROOTMANFILES) $(ROOTMANLINKS)
```

```

*****
2227 Wed Apr 16 09:55:55 2014
new/usr/src/man/man4/sock2path.d.4
4544 sock2path(4) man page needs to be updated for configuration fragments
Reviewed by: Josef 'Jeff' Sipek <jeffpc@josefsipek.net>
Reviewed by: Marcel Telka <marcel@telka.sk>
*****
1 \" te
2 .\" Copyright (c) 2008, Sun Microsystems, Inc.
3 .\" The contents of this file are subject to the terms of the Common Development
4 .\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
5 .\" When distributing Covered Code, include this CDDL HEADER in each file and in
6 .TH SOCK2PATH.D 4 \"Apr 12, 2014\"
6 .TH SOCK2PATH 4 \"Nov 4, 2008\"
7 .SH NAME
8 sock2path.d \- socket mapping files that map sockets to transport providers
8 sock2path \- socket mapping file that maps sockets to transport providers
9 .SH SYNOPSIS
10 .LP
11 .nf
12 \fB/etc/sock2path.d\fR
12 \fB/etc/sock2path\fR
13 .fi

15 .SH DESCRIPTION
16 .sp
17 .LP
18 \fB/etc/sock2path.d\fR is a directory containing files with mappings
19 between the \fBsocket\fR(3SOCKET) call parameters and the transport
20 provider driver. The mapping file format is described in the
21 \fBsoconfig\fR(1M) manual page.
18 The socket mapping file, \fB/etc/sock2path\fR, is a system file that contains
19 the mappings between the \fBsocket\fR(3SOCKET) call parameters and the
20 transport provider driver. Its format is described on the \fBsoconfig\fR(1M)
21 manual page.
22 .sp
23 .LP
24 The \fBinit\fR(1M) utility uses the \fBsoconfig\fR utility with the
25 \fBsock2path.d\fR directory during the boot sequence.
25 \fBsock2path\fR file during the boot sequence.
26 .SH EXAMPLES
27 .LP
28 \fBExample 1 \fRAn Example of a Mapping File
28 \fBExample 1 \fRAn Example of the \fBsock2path\fR File
29 .sp
30 .LP
31 The following is an example of a mapping file:
31 The following is an example of a \fBsock2path\fR file:

33 .sp
34 .in +2
35 .nf
36 # Family      Type      Protocol  Module | Path
37      2         2         0         tcp    |
38      2         2         6         tcp    |
39     26         2         0         tcp    |
40     26         2         6         tcp    |
41      2         1         0         udp    |
42      2         1         17        udp    |
43     26         1         0         udp    |
44     26         1         17        udp    |
45      1         2         0         /dev/ticotsord
46      1         6         0         /dev/ticotsord
47      1         1         0         /dev/ticlts
48      2         4         0         icmp
49     26         4         0         icmp

```

```

50      24         4         0         rts
51      27         4         2         /dev/keysock
52 .fi
53 .in -2

55 .SH SEE ALSO
56 .sp
57 .LP
58 \fBinit\fR(1M), \fBsoconfig\fR(1M), \fBsocket\fR(3SOCKET)

```

new/usr/src/pkg/manifests/system-kernel.man4.inc

1

1117 Wed Apr 16 09:55:55 2014

new/usr/src/pkg/manifests/system-kernel.man4.inc

4544 sock2path(4) man page needs to be updated for configuration fragments

Reviewed by: Josef 'Jeff' Sipek <jeffpc@josefsipek.net>

Reviewed by: Marcel Telka <marcel@telka.sk>

```
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet
9 # at http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright 2012 Nexenta Systems, Inc. All rights reserved.
15 #
```

```
17 file path=usr/share/man/man4/cardbus.4
18 file path=usr/share/man/man4/dir_ufs.4
19 file path=usr/share/man/man4/driver.conf.4
20 file path=usr/share/man/man4/pci.4
21 file path=usr/share/man/man4/priv_names.4
22 file path=usr/share/man/man4/proc.4
23 file path=usr/share/man/man4/process.4
24 file path=usr/share/man/man4/pseudo.4
25 file path=usr/share/man/man4/scsi.4
26 file path=usr/share/man/man4/sock2path.d.4
26 file path=usr/share/man/man4/sock2path.4
27 file path=usr/share/man/man4/system.4
28 file path=usr/share/man/man4/tnf_kernel_probes.4
29 file path=usr/share/man/man4/ts_dptbl.4
30 link path=usr/share/man/man4/dir.4 target=dir_ufs.4
31 link path=usr/share/man/man4/pcie.4 target=pci.4
```