

new/usr/src/pkg/manifests/developer-build-onbld.mf

1

```
*****
11005 Wed Nov 26 11:19:37 2014
new/usr/src/pkg/manifests/developer-build-onbld.mf
XXXX Allow OpenZFS contributors to build-check their changes on illumos
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright 2010, Richard Lowe
25 # Copyright 2012, Piotr Jasiukajtis
26 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
27 # Copyright (c) 2014, Joyent, Inc.
28 #
29 #
30 set name=pkg.fmri value=pkg:/developer/build/onbld@$(PKGVERS)
31 set name=pkg.description value="tools used to build the OS-Net consolidation"
32 set name=pkg.summary value="OS-Net Build Tools"
33 set name=info.classification \
34     value="org.opensolaris.category.2008:Development/Distribution Tools"
35 #
36 #
37 # This package should not be incorporated. This allows the tools
38 # to be upgraded without upgrading the entire system.
39 #
40 set name=org.opensolaris.noincorp value=true
41 set name=variant.arch value=$(ARCH)
42 dir path=opt group=sys
43 dir path=opt/onbld
44 dir path=opt/onbld/bin
45 dir path=opt/onbld/bin/$(ARCH)
46 dir path=opt/onbld/env
47 dir path=opt/onbld/etc
48 dir path=opt/onbld/etc/exception_lists
49 dir path=opt/onbld/gk
50 dir path=opt/onbld/lib
51 dir path=opt/onbld/lib/$(ARCH)
52 dir path=opt/onbld/lib/perl
53 dir path=opt/onbld/lib/python2.6
54 dir path=opt/onbld/lib/python2.6/onbld
55 dir path=opt/onbld/lib/python2.6/onbld/Checks
56 dir path=opt/onbld/lib/python2.6/onbld/Scm
57 dir path=opt/onbld/lib/python2.6/onbld/hgext
58 dir path=opt/onbld/man
59 dir path=opt/onbld/man/man1
60 $(i386_ONLY)file path=opt/onbld/bin/$(ARCH)/aw mode=0555
61 $(sparc_ONLY)file path=opt/onbld/bin/$(ARCH)/chk4ubld mode=0555
```

new/usr/src/pkg/manifests/developer-build-onbld.mf

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```
62 file path=opt/onbld/bin/$(ARCH)/codereview mode=0555
63 file path=opt/onbld/bin/$(ARCH)/cscope-fast mode=0555
64 file path=opt/onbld/bin/$(ARCH)/ctfconvert mode=0555
65 file path=opt/onbld/bin/$(ARCH)/ctfdump mode=0555
66 file path=opt/onbld/bin/$(ARCH)/ctfmerge mode=0555
67 file path=opt/onbld/bin/$(ARCH)/ctfstabs mode=0555
68 file path=opt/onbld/bin/$(ARCH)/ctfstrip mode=0555
69 file path=opt/onbld/bin/$(ARCH)/cw mode=0555
70 $(i386_ONLY)file path=opt/onbld/bin/$(ARCH)/elfextract mode=0555
71 file path=opt/onbld/bin/$(ARCH)/findunref mode=0555
72 $(sparc_ONLY)file path=opt/onbld/bin/$(ARCH)/forth mode=0555
73 $(sparc_ONLY)file path=opt/onbld/bin/$(ARCH)/forth_preload.so.1 mode=0555
74 file path=opt/onbld/bin/$(ARCH)/install mode=0555
75 file path=opt/onbld/bin/$(ARCH)/lintdump mode=0555
76 $(i386_ONLY)file path=opt/onbld/bin/$(ARCH)/mbh_patch mode=0555
77 file path=opt/onbld/bin/$(ARCH)/ndrgen mode=0555
78 file path=opt/onbld/bin/$(ARCH)/ndrgen1 mode=0555
79 file path=opt/onbld/bin/$(ARCH)/pmodes mode=0555
80 file path=opt/onbld/bin/$(ARCH)/protocmp mode=0555
81 file path=opt/onbld/bin/$(ARCH)/protolist mode=0555
82 $(sparc_ONLY)file path=opt/onbld/bin/$(ARCH)/stabs mode=0555
83 $(sparc_ONLY)file path=opt/onbld/bin/$(ARCH)/tokenize mode=0555
84 $(sparc_ONLY)file path=opt/onbld/bin/$(ARCH)/tokenize.exe mode=0555
85 file path=opt/onbld/bin/Install mode=0555
86 file path=opt/onbld/bin/bldenv mode=0555
87 file path=opt/onbld/bin/bringovercheck mode=0555
88 file path=opt/onbld/bin/build_cscope mode=0555
89 file path=opt/onbld/bin/cddlchk mode=0555
90 file path=opt/onbld/bin/check_rtime mode=0555
91 file path=opt/onbld/bin/checkpaths mode=0555
92 file path=opt/onbld/bin/checkproto mode=0555
93 file path=opt/onbld/bin/copyrightchk mode=0555
94 file path=opt/onbld/bin/cstyle mode=0555
95 file path=opt/onbld/bin/ctfcvtptbl mode=0555
96 file path=opt/onbld/bin/ctffindmod mode=0555
97 file path=opt/onbld/bin/elcfcmp mode=0555
98 file path=opt/onbld/bin/elfsigncmp mode=0555
99 file path=opt/onbld/bin/find_elf mode=0555
100 file path=opt/onbld/bin/findcrypto mode=0555
101 file path=opt/onbld/bin/flg.flp mode=0555
102 file path=opt/onbld/bin/genoffsets mode=0555
103 file path=opt/onbld/bin/get_depend_info mode=0555
104 file path=opt/onbld/bin/git-pbchk mode=0555
105 file path=opt/onbld/bin/hdrchk mode=0555
106 file path=opt/onbld/bin/hg-active mode=0555
107 file path=opt/onbld/bin/hgsetup mode=0555
108 file path=opt/onbld/bin/interface_check mode=0555
109 file path=opt/onbld/bin/interface_cmp mode=0555
110 file path=opt/onbld/bin/jstyle mode=0555
111 file path=opt/onbld/bin/make_pkg_db mode=0555
112 file path=opt/onbld/bin/mapfilechk mode=0555
113 file path=opt/onbld/bin/nightly mode=0555
114 file path=opt/onbld/bin/onu mode=0555
115 file path=opt/onbld/bin/protocmp.terse mode=0555
116 file path=opt/onbld/bin/sccscheck mode=0555
117 file path=opt/onbld/bin/signit mode=0555
118 file path=opt/onbld/bin/signproto mode=0555
119 file path=opt/onbld/bin/validate_flg mode=0555
120 file path=opt/onbld/bin/validate_paths mode=0555
121 file path=opt/onbld/bin/validate_pkg mode=0555
122 file path=opt/onbld/bin/wdiff mode=0555
123 file path=opt/onbld/bin/webrev mode=0555
124 file path=opt/onbld/bin/which_scm mode=0555
125 file path=opt/onbld/bin/ws mode=0555
126 file path=opt/onbld/bin/wsdiff mode=0555
127 file path=opt/onbld/bin/xref mode=0555
```

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128 file path=opt/onbld/bin/zmake mode=0555
129 file path=opt/onbld/bin/xref.mk
130 file path=opt/onbld/env/developer
131 file path=opt/onbld/env/gatekeeper
132 file path=opt/onbld/env/illumos
133 file path=opt/onbld/etc/SampleLinks
134 file path=opt/onbld/etc/SamplePkgLinks
135 file path=opt/onbld/etc/exception_lists/check_rtime
136 file path=opt/onbld/etc/exception_lists/interface_check
137 file path=opt/onbld/etc/exception_lists/interface_cmp
138 file path=opt/onbld/etc/hgstyle
139 file path=opt/onbld/etc/its.conf
140 file path=opt/onbld/etc/its.reg
141 file path=opt/onbld/gk/.cshrc
142 file path=opt/onbld/gk/.login
143 file path=opt/onbld/gk/gen_make.machines mode=0755
144 file path=opt/onbld/lib/$(ARCH)/libdwarf.so.1
145 file path=opt/onbld/lib/perl/onbld_elfmod.pm
146 file path=opt/onbld/lib/perl/onbld_elfmod_vertype.pm
147 file path=opt/onbld/lib/python2.6/onbld/Checks/CStyle.py mode=0444
148 file path=opt/onbld/lib/python2.6/onbld/Checks/CStyle.pyc mode=0444
149 file path=opt/onbld/lib/python2.6/onbld/Checks/Cddl.py mode=0444
150 file path=opt/onbld/lib/python2.6/onbld/Checks/Cddl.pyc mode=0444
151 file path=opt/onbld/lib/python2.6/onbld/Checks/CmtBlk.py mode=0444
152 file path=opt/onbld/lib/python2.6/onbld/Checks/CmtBlk.pyc mode=0444
153 file path=opt/onbld/lib/python2.6/onbld/Checks/Comments.py mode=0444
154 file path=opt/onbld/lib/python2.6/onbld/Checks/Comments.pyc mode=0444
155 file path=opt/onbld/lib/python2.6/onbld/Checks/Copyright.py mode=0444
156 file path=opt/onbld/lib/python2.6/onbld/Checks/Copyright.pyc mode=0444
157 file path=opt/onbld/lib/python2.6/onbld/Checks/DbLookups.py mode=0444
158 file path=opt/onbld/lib/python2.6/onbld/Checks/DbLookups.pyc mode=0444
159 file path=opt/onbld/lib/python2.6/onbld/Checks/HdrChk.py mode=0444
160 file path=opt/onbld/lib/python2.6/onbld/Checks/HdrChk.pyc mode=0444
161 file path=opt/onbld/lib/python2.6/onbld/Checks/JStyle.py mode=0444
162 file path=opt/onbld/lib/python2.6/onbld/Checks/JStyle.pyc mode=0444
163 file path=opt/onbld/lib/python2.6/onbld/Checks/Keywords.py mode=0444
164 file path=opt/onbld/lib/python2.6/onbld/Checks/Keywords.pyc mode=0444
165 file path=opt/onbld/lib/python2.6/onbld/Checks/ManLint.py mode=0444
166 file path=opt/onbld/lib/python2.6/onbld/Checks/ManLint.pyc mode=0444
167 file path=opt/onbld/lib/python2.6/onbld/Checks/Mapfile.py mode=0444
168 file path=opt/onbld/lib/python2.6/onbld/Checks/Mapfile.pyc mode=0444
169 file path=opt/onbld/lib/python2.6/onbld/Checks/ProcessCheck.py mode=0444
170 file path=opt/onbld/lib/python2.6/onbld/Checks/ProcessCheck.pyc mode=0444
171 file path=opt/onbld/lib/python2.6/onbld/Checks/__init__.py mode=0444
172 file path=opt/onbld/lib/python2.6/onbld/Checks/__init__.pyc mode=0444
173 file path=opt/onbld/lib/python2.6/onbld/Scm/Backup.py mode=0444
174 file path=opt/onbld/lib/python2.6/onbld/Scm/Backup.pyc mode=0444
175 file path=opt/onbld/lib/python2.6/onbld/Scm/Ignore.py mode=0444
176 file path=opt/onbld/lib/python2.6/onbld/Scm/Ignore.pyc mode=0444
177 file path=opt/onbld/lib/python2.6/onbld/Scm/Version.py mode=0444
178 file path=opt/onbld/lib/python2.6/onbld/Scm/Version.pyc mode=0444
179 file path=opt/onbld/lib/python2.6/onbld/Scm/WorkSpace.py mode=0444
180 file path=opt/onbld/lib/python2.6/onbld/Scm/WorkSpace.pyc mode=0444
181 file path=opt/onbld/lib/python2.6/onbld/Scm/__init__.py mode=0444
182 file path=opt/onbld/lib/python2.6/onbld/Scm/__init__.pyc mode=0444
183 file path=opt/onbld/lib/python2.6/onbld/__init__.py mode=0444
184 file path=opt/onbld/lib/python2.6/onbld/__init__.pyc mode=0444
185 file path=opt/onbld/lib/python2.6/onbld/hgext/__init__.py mode=0444
186 file path=opt/onbld/lib/python2.6/onbld/hgext/__init__.pyc mode=0444
187 file path=opt/onbld/lib/python2.6/onbld/hgext/cdm.py mode=0444
188 file path=opt/onbld/man/man1/Install.1
189 file path=opt/onbld/man/man1/bldenv.1
190 file path=opt/onbld/man/man1/bringovercheck.1
191 file path=opt/onbld/man/man1/cddlchk.1
192 file path=opt/onbld/man/man1/check_rtime.1
193 file path=opt/onbld/man/man1/checkpaths.1

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194 file path=opt/onbld/man/man1/codereview.1
195 file path=opt/onbld/man/man1/cstyle.1
196 file path=opt/onbld/man/man1/cw.1
197 file path=opt/onbld/man/man1/find_elf.1
198 file path=opt/onbld/man/man1/findunref.1
199 file path=opt/onbld/man/man1/flag.flp.1
200 file path=opt/onbld/man/man1/get_depend_info.1
201 file path=opt/onbld/man/man1/git-pbchk.1
202 file path=opt/onbld/man/man1/hdrchk.1
203 file path=opt/onbld/man/man1/hgsetup.1
204 file path=opt/onbld/man/man1/interface_check.1
205 file path=opt/onbld/man/man1/interface_cmp.1
206 file path=opt/onbld/man/man1/jstyle.1
207 file path=opt/onbld/man/man1/lintdump.1
208 file path=opt/onbld/man/man1/make_pkg_db.1
209 file path=opt/onbld/man/man1/mapfilechk.1
210 file path=opt/onbld/man/man1/ndrgen.1
211 file path=opt/onbld/man/man1/nightly.1
212 file path=opt/onbld/man/man1/onu.1
213 file path=opt/onbld/man/man1/sccscheck.1
214 file path=opt/onbld/man/man1/signit.1
215 file path=opt/onbld/man/man1/signproto.1
216 file path=opt/onbld/man/man1/webrev.1
217 file path=opt/onbld/man/man1/which_scm.1
218 file path=opt/onbld/man/man1/ws.1
219 file path=opt/onbld/man/man1/wsdiff.1
220 file path=opt/onbld/man/man1/xref.1
221 file path=opt/onbld/man/man1/zmake.1
222 hardlink path=opt/onbld/bin/$(ARCH)/install.bin target=./install
223 legacy pkg=SUNWonbld desc="tools used to build the OS-Net consolidation" \
224     name="OS-Net Build Tools" version=11.11,REV=2009.10.22
225 license cr_Sun license=cr_Sun
226 license lic_CDDL license=lic_CDDL
227 license usr/src/tools/ctf/dwarf/THIRDPARTYLICENSE \
228     license=usr/src/tools/ctf/dwarf/THIRDPARTYLICENSE
229 license usr/src/tools/onbld/THIRDPARTYLICENSE \
230     license=usr/src/tools/onbld/THIRDPARTYLICENSE
231 link path=opt/onbld/bin/git-nits target=git-pbchk
232 link path=opt/onbld/lib/python target=python2.6
233 link path=opt/onbld/man/man1/git-nits.1 target=git-pbchk.1
234 # webrev(1) requires ps2pdf
235 depend fmri=print/filter/ghostscript type=require
236 # nightly(1) uses wget
237 depend fmri=web/wget type=require

```

```

*****
3593 Wed Nov 26 11:19:37 2014
new/usr/src/tools/scripts/Makefile
XXXX Allow OpenZFS contributors to build-check their changes on illumos
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 # Copyright (c) 1999, 2010, Oracle and/or its affiliates. All rights reserved.
23 #
24 # Copyright 2010, Richard Lowe

26 SHELL=/usr/bin/ksh93

28 SHFILES= \
29     Install \
30     bldenv \
31     build_cscope \
32     bringovercheck \
33     checkpaths \
34     checkproto \
35     cstyle \
36     elfcmp \
37     flg.flp \
38     genoffsets \
39     hgsetup \
40     nightly \
41     onu \
42     protocmp terse \
43     sccscheck \
44     webrev \
45     which_scm \
46     ws \
47     xref \
48     zmake
47     xref

50 PERLFILES= \
51     check_rtime \
52     find_elf \
53     interface_check \
54     interface_cmp \
55     jstyle \
56     validate_flg \
57     validate_paths \
58     wdiff

60 PERLMODULES= \

```

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61     onbld_elfmod.pm \
62     onbld_elfmod_vertype.pm

65 PYFILES= \
66     cddlchk \
67     copyrightchk \
68     git-pbchk \
69     hdrchk \
70     hg-active \
71     mapfilechk \
72     validate_pkg \
73     wsdiff

75 SCRIPTLINKS= \
76     git-nits

78 MANIFILES= \
79     Install.1 \
80     bldenv.1 \
81     bringovercheck.1 \
82     cddlchk.1 \
83     checkpaths.1 \
84     check_rtime.1 \
85     cstyle.1 \
86     find_elf.1 \
87     flg.flp.1 \
88     git-pbchk.1 \
89     hdrchk.1 \
90     interface_check.1 \
91     interface_cmp.1 \
92     hgsetup.1 \
93     jstyle.1 \
94     mapfilechk.1 \
95     nightly.1 \
96     onu.1 \
97     sccscheck.1 \
98     webrev.1 \
99     which_scm.1 \
100    ws.1 \
101    wsdiff.1 \
102    xref.1

104 MANILINKS= \
105     git-nits.1

107 MAKEFILES= \
108     xref.mk

110 ETCFILES= \
111     hgstyle \
112     its.conf \
113     its.reg

115 EXCEPTFILES= \
116     check_rtime \
117     interface_check \
118     interface_cmp

120 CLEANFILES = $(SHFILES) $(PERLFILES) $(PYFILES) bldenv.1

122 include ../Makefile.tools

124 ROOTONBLDSRIPTLINKS = $(SCRIPTLINKS:%=$(ROOTONBLDBIN)/%)
125 ROOTONBLDMANILINKS = $(MANILINKS:%=$(ROOTONBLDMAN1)/%)

```

new/usr/src/tools/scripts/Makefile

3

```
127 $(ROOTONBLDETCFILES) := FILEMODE= 644
128 $(ROOTONBLDEXCEPTFILES) := FILEMODE= 644
129 $(ROOTONBLDPERLMODULES) := FILEMODE= 644
130 $(ROOTONBLDMAKEFILES) := FILEMODE= 644
131 $(ROOTONBLDMANIFILES) := FILEMODE= 644

133 .KEEP_STATE:

135 all: $(SHFILES) $(PERLFILES) $(PERLMODULES) $(PYFILES) \
136 $(MANIFILES) $(MAKEFILES)

138 $(ROOTONBLDBIN)/git-nits:
139 $(RM) $(ROOTONBLDBIN)/git-nits
140 $(SYMLINK) git-pbchk $(ROOTONBLDBIN)/git-nits

142 $(ROOTONBLDMAN1)/git-nits.1:
143 $(RM) $(ROOTONBLDMAN1)/git-nits.1
144 $(SYMLINK) git-pbchk.1 $(ROOTONBLDMAN1)/git-nits.1

146 install: all .WAIT $(ROOTONBLDSSHFILES) $(ROOTONBLDPERLFILES) \
147 $(ROOTONBLDPERLMODULES) $(ROOTONBLDPYFILES) \
148 $(ROOTONBLDSCRIPTLINKS) $(ROOTONBLDMANIFILES) \
149 $(ROOTONBLDMAKEFILES) $(ROOTONBLDETCFILES) \
150 $(ROOTONBLDEXCEPTFILES) $(ROOTONBLDMANILINKS)

152 clean:
153 $(RM) $(CLEANFILES)

155 bldenv: bldenv.sh stdenv.sh
156 $(RM) "$@"
157 sed -e '/# STDENV_START/ r stdenv.sh' bldenv.sh > "$@"
158 # Check for shell lint and fail if we hit warnings
159 shlintout=$( $( /usr/bin/ksh93 -n "$@" 2>&1 ) ; \
160 [ "${shlintout}" != "" ] && \
161 { print -r -- "${shlintout}"; false ; } || true
162 $(CHMOD) +x "$@"

164 bldenv.1: bldenv
165 $(RM) "$@"
166 (set +o errexit ; ksh93 $? --nroff ; true) 2>&1 | \
167 sed 's/\.DS/\.nf/g;s/\.DE/\.fi/' > "$@"

169 nightly: nightly.sh stdenv.sh
170 $(RM) "$@"
171 sed -e '/# STDENV_START/ r stdenv.sh' nightly.sh > nightly
172 $(CHMOD) +x "$@"

174 include ../Makefile.targ
```

1970 Wed Nov 26 11:19:37 2014
 new/usr/src/tools/scripts/zmake.1
 XXXX Allow OpenZFS contributors to build-check their changes on illumos

```

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 at
9  \. http://www.illumos.org/license/CDDL.
10 \.
11 \.
12 \. Copyright 2014 OmniTI Computer Consulting, Inc. All rights reserved.
13 \.

15 .TH ZMAKE 1 "11 November 2014"
16 .SH NAME
17 .I zmake
18 \- Build just the OpenZFS bits of an illumos code repository
19 .SH SYNOPSIS
20 .B /opt/onbld/bin/zmake [directory]
21 .LP
22 .SH DESCRIPTION

24 .LP
25 The \fBzmake\fR command either runs under \fBbldenv(1)\fR or take a directory
26 path to an illumos source tree. It builds just the components of illumos
27 that comprise the OpenZFS implementation. This command is intended for
28 OpenZFS developers from non-illumos platforms to confirm that their changes
29 build on illumos without having to resort to a full \fBnightly(1)\fR build.
30 .sp
31 Unlike \fBnightly(1)\fR, zmake does not require ALL of the supplemental
32 packages a full illumos build needs. It does, however, requires a subset of
33 them. This subset is:

35 .TS

37 Default C compiler (currently gcc4.4.4)

39 Sun Studio 12.1 (for lint)

41 The OS/Net build tools (onbld)

43 An SCM (currently git)

45 The object-file tools

47 The system headers

49 The XML parser for Perl.

51 .TE

53 .LP
54 If the required packages are installed (via your distribution's mechanisms),
55 this command will build the set of packages required to confirm OpenZFS builds.
56 .sp
57 .LP

59 .SH ENVIRONMENT
60 .LP
61 This command prefers to have two environment variables set prior to running,
```

```

62 because they are variable across distributions:

64 .TS

66 \fBSPRO_ROOT\fR The root directory of the Sun Studio tools.

68 \fBGCC_ROOT\fR The root directory for the GNU C compiler safe for illumos build

70 .TE

72 .LP

74 .SH SEE ALSO
75 .LP
76 .IR bldenv(1),
77 .IR nightly(1)
78 .LP
```

```

*****
2951 Wed Nov 26 11:19:37 2014
new/usr/src/tools/scripts/zmake.sh
XXXX Allow OpenZFS contributors to build-check their changes on illumos
*****
1 #!/bin/bash
2 #
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6 # 1.0 of the CDDL.
7 #
8 # A full copy of the text of the CDDL should have accompanied this
9 # source. A copy of the CDDL is also available via the Internet at
10 # http://www.illumos.org/license/CDDL.
11 #
12 # Copyright (c) 2014 by Delphix. All rights reserved.
13 # Copyright 2014 OmniTI Computer Consulting, Inc. All rights reserved.
14 #
15
16 function die
17 {
18     echo "failed: $1" >&2
19     exit 1
20 }
21
22 # Set CODEMGR_WS.
23 if [[ -z "$1" ]]; then
24     export CODEMGR_WS='git rev-parse --show-toplevel'
25     if [[ -z "$CODEMGR_WS" ]]; then
26         die "Can't determine source repository without help. Try using an ar
27     fi
28 else
29     cd $1
30     export CODEMGR_WS='pwd'
31 fi
32
33 # Set up your environment ala bldenv or ws. Eventually this hack
34 # should go away.
35 export SRC=$CODEMGR_WS/usr/src
36 export MACH=`uname -p`
37 export ROOT=$CODEMGR_WS/proto/root_${MACH}
38 export ENVCPPFLAGS1=-I$ROOT/usr/include
39 export ENVLDLIBS1="-L$ROOT/lib -L$ROOT/usr/lib"
40 export BUILD_TOOLS=/opt
41 export MAKEFLAGS=-e
42 #NOTE use gcc-only build
43 export CW_NO_SHADOW=1
44 export __GNUC=
45
46 #####
47 # THESE will vary depending on which illumos distro you run.
48 # You can also specify them in your environment, overriding what we calculate.
49 # OmniOS examples
50 export GCC_ROOT=${GCC_ROOT:-/opt/gcc-4.4.4}
51 export SPRO_ROOT=${SPRO_ROOT:-/opt/sunstudio12.1}
52
53 # OpenIndiana examples.
54 # Stock GCC_ROOT works on OI...
55 # export SPRO_ROOT=/opt/SUNWspro
56 #####
57
58 # Make sure dmake is in your path, and TOOLS are first.
59 export PATH=$BUILD_TOOLS/onbld/bin:$BUILD_TOOLS/onbld/bin/${MACH}:${SPRO_ROOT}/bin:$
60
61 export NO_GENUNIX_UNIQUIFY=

```

```

62 export CW_NO_SHADOW=1
63
64 (cd $SRC; dmake rootdirs) || exit 1
65 (cd $SRC/head; dmake) || exit 1
66 (cd $SRC/uts; dmake install_h) || exit 1
67
68 (cd $SRC; dmake libheaders) || exit 1
69 (cd $SRC/lib/libzfs; dmake install_h) || exit 1
70 (cd $SRC/uts/common/sys; dmake install_h) || exit 1
71
72 directories=(
73     $SRC/uts/intel/kmdb
74     $SRC/uts/intel/zfs
75     $SRC/uts/intel/dev
76     $SRC/man/man1m
77     $SRC/man/man5
78     $SRC/grub
79     $SRC/lib/libc
80     $SRC/lib/libavl
81     $SRC/lib/libnvpair
82     $SRC/lib/libsec
83     $SRC/lib/libcmdutils
84     $SRC/lib/libdevinfo
85     $SRC/lib/libuutil
86     $SRC/lib/libbrand
87     $SRC/lib/libzonecfg
88     $SRC/lib/libinetutil
89     $SRC/lib/libldadm
90     $SRC/lib/libldpi
91     $SRC/lib/libdiskmgt
92     $SRC/lib/libumem
93     $SRC/lib/libdisasm
94     $SRC/lib/libidmap
95     $SRC/lib/libdevid
96     $SRC/lib/libzfs_core
97     $SRC/lib/libzpool
98     $SRC/lib/libzfs
99     $SRC/lib/pyzfs
100    $SRC/lib/libzfs_jni
101    $SRC/lib/libsaveargs
102    $SRC/cmd/isaexec
103    $SRC/cmd/platexec
104    $SRC/cmd/devfsadm
105    $SRC/cmd/syseventd
106    $SRC/cmd/fstyp
107    $SRC/cmd/availdevs
108    $SRC/cmd/fs.d/zfs
109    $SRC/cmd/zdb
110    $SRC/cmd/zhack
111    $SRC/cmd/zfs
112    $SRC/cmd/pyzfs
113    $SRC/cmd/zinject
114    $SRC/cmd/zpool
115    $SRC/cmd/zstreamdump
116    $SRC/cmd/ztest
117    $SRC/cmd/terminfo
118    $SRC/cmd/mdb
119 )
120
121 for i in "${directories[@]}; do
122     (cd $i; dmake install) || exit 1
123 done

```