

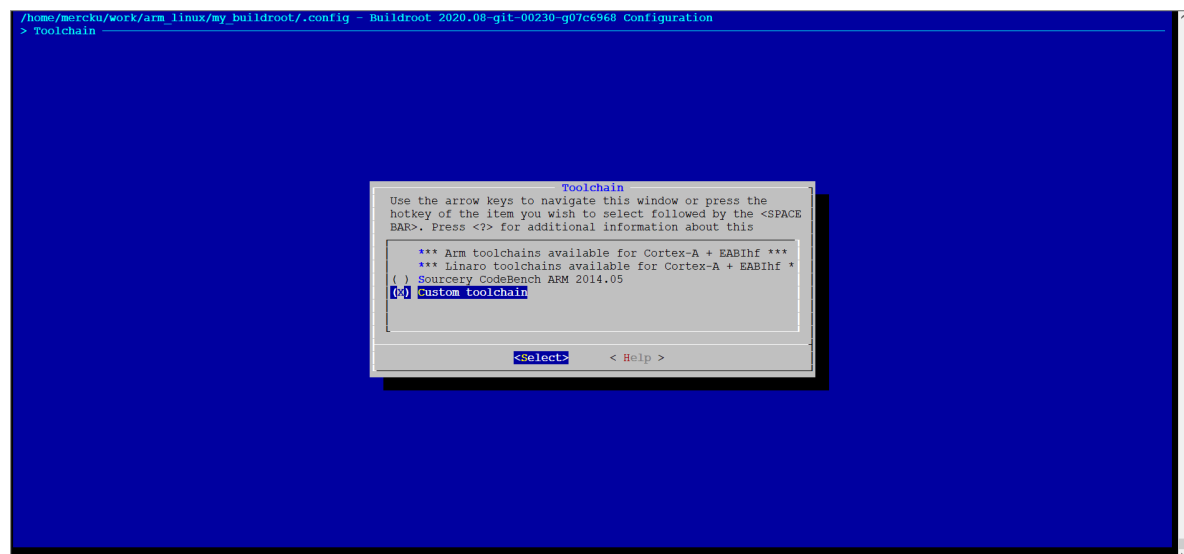
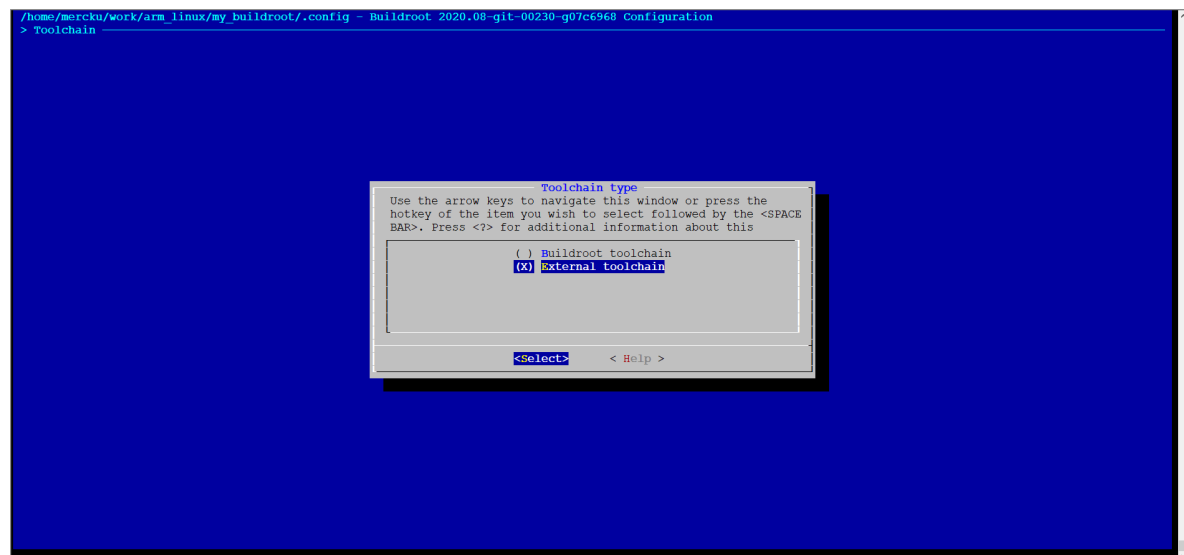
# make defconfig

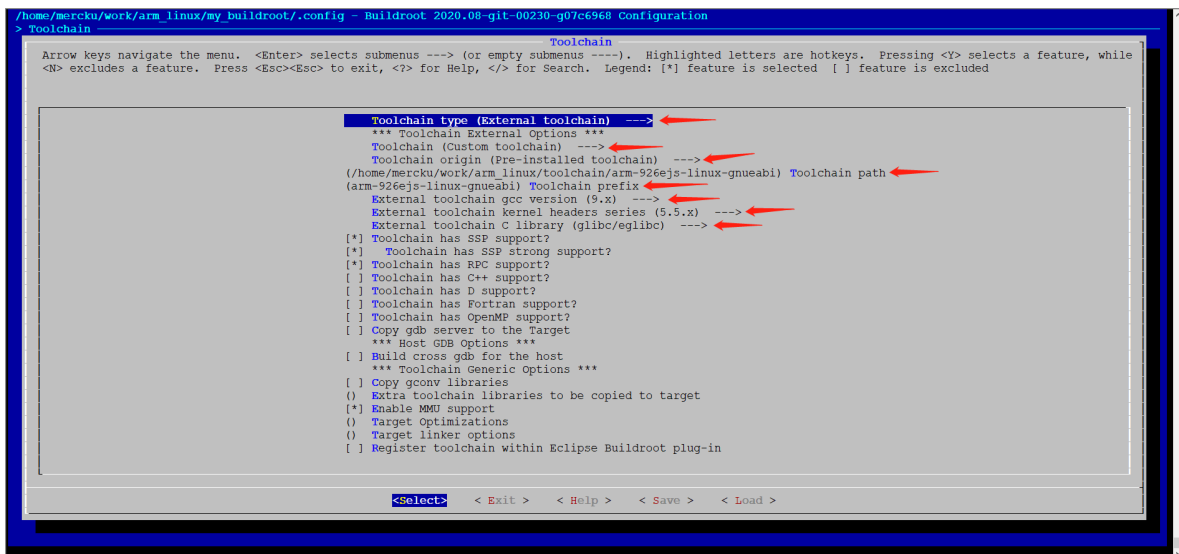
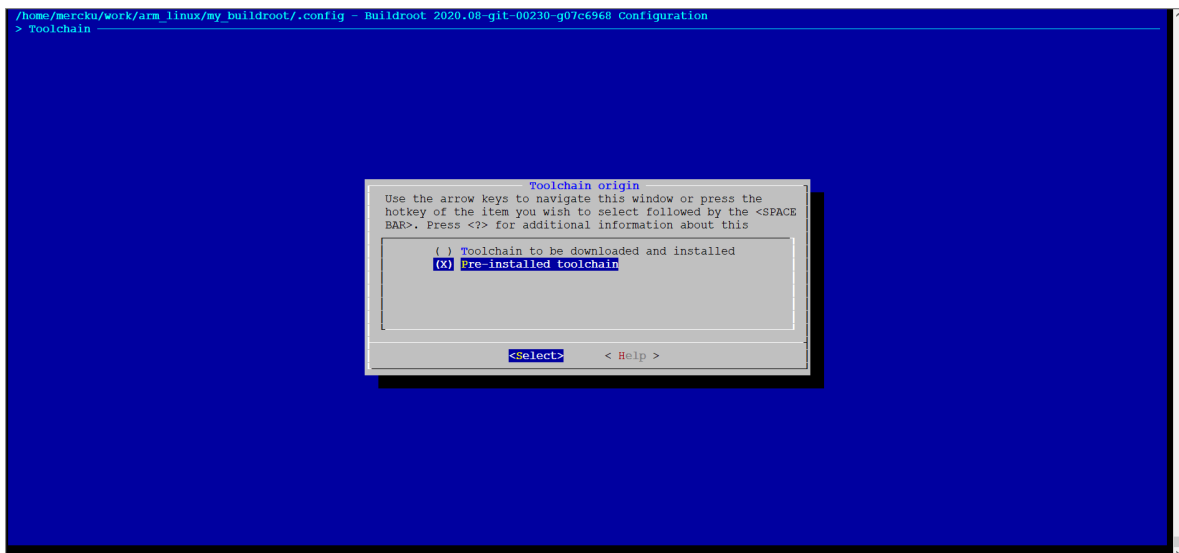
```
1 | $ freescale_imx28evk_defconfig
```

# make menuconfig

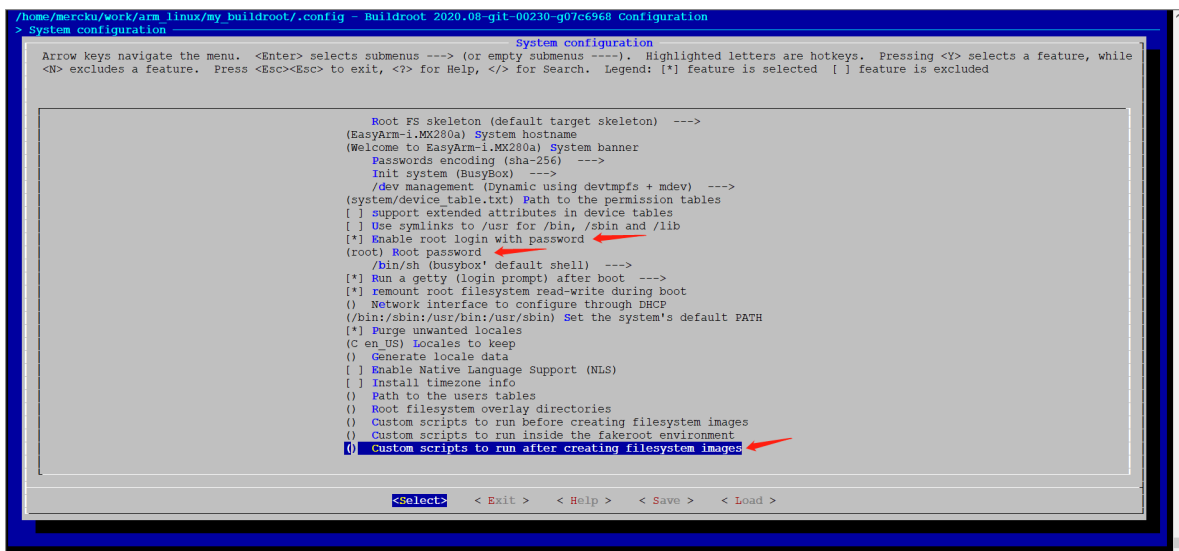
```
1 | $ make menuconfig
```

## Toolchain





## System configuration



## Kernel

```
/home/mercku/work/arm_linux/my_buildroot/.config - Buildroot 2020.08-git-00230-g07c6968 Configuration
> kernel
Kernel
Arrow keys navigate the menu. <Enter> selects submenus --- (or empty submenus ----). Highlighted letters are hotkeys. Pressing <Y> selects a feature, while
<N> excludes a feature. Press <Esc><Esc> to exit, <?> for Help, </> for Search. Legend: [*] feature is selected [ ] feature is excluded

[ ] Linux Kernel

<Select> < Exit > < Help > < Save > < Load >
```

## Bootloaders

```
/home/mercku/work/arm_linux/my_buildroot/.config - Buildroot 2020.08-git-00230-g07c6968 Configuration
> Bootloaders
Bootloaders
Arrow keys navigate the menu. <Enter> selects submenus --- (or empty submenus ----). Highlighted letters are hotkeys. Pressing <Y> selects a feature, while
<N> excludes a feature. Press <Esc><Esc> to exit, <?> for Help, </> for Search. Legend: [*] feature is selected [ ] feature is excluded

[ ] afboot-stm32
[ ] AT91 Bootstrap
[ ] AT91 Bootstrap 3
[ ] AT91 DataFlashBoot
[ ] Barebox
[ ] grub2
[ ] LPC32XX CDL (kickstart and SIL)
[ ] mxs-bootlets
[ ] s500-bootloader
[*] U-Boot

<Select> < Exit > < Help > < Save > < Load >
```

## Filesystem images

```
/home/mercku/work/arm_linux/my_buildroot/.config - Buildroot 2020.08-git-00230-g07c6968 Configuration
> Filesystem images
Filesystem images
Arrow keys navigate the menu. <Enter> selects submenus --- (or empty submenus ----). Highlighted letters are hotkeys. Pressing <Y> selects a feature, while
<N> excludes a feature. Press <Esc><Esc> to exit, <?> for Help, </> for Search. Legend: [*] feature is selected [ ] feature is excluded

[ ] axfs root filesystem
[ ] btrfs root filesystem
[ ] cloop root filesystem for the target device
[ ] cpio the root filesystem (for use as an initial RAM filesystem)
[ ] cramfs root filesystem
[ ] erofs root filesystem
[*] ext2/3/4 root filesystem
  ext2/3/4 variant (ext4) ----
  (rootfs) filesystem label
  (60M) exact size
  (0) exact number of inodes (leave at 0 for auto calculation)
  (5) reserved blocks percentage
  (-O ^64bit) additional mke2fs options
  Compression method (no compression) ----
[ ] f2fs root filesystem
  *** initramfs needs a Linux kernel to be built ***
[ ] jffs2 root filesystem
[ ] romfs root filesystem
[ ] squashfs root filesystem
[*] tar the root filesystem
  Compression method (no compression) ----
  (0) other random options to pass to tar
[ ] ubi image containing an ubifs root filesystem
[ ] ubifs root filesystem
[ ] yaffs2 root filesystem

<Select> < Exit > < Help > < Save > < Load >
```

## patch defconfig

```
1  --- .config 2020-07-07 13:46:38.556073024 +0800
2  +++ patch-imx280a/freescale_imx28evk_defconfig 2020-07-07
   13:34:56.015693214 +0800
3  @@ -1,6 +1,6 @@
4  #
5  # Automatically generated file; DO NOT EDIT.
6  -# Buildroot 2020.08-git-00232-gf09ac10-dirty Configuration
7  +# Buildroot 2020.08-git-00230-g07c6968 Configuration
8  #
9  BR2_HAVE_DOT_CONFIG=y
10 BR2_HOST_GCC_AT_LEAST_4_9=y
11 @@ -199,141 +199,120 @@
12 # Security Hardening Options
13 #
14 # BR2_PIC_PIE is not set
15 -
16 -#
17 -# Stack Smashing Protection needs a toolchain w/ SSP
18 -#
19 +BR2_SSP_NONE=y
20 +# BR2_SSP_REGULAR is not set
21 +# BR2_SSP_STRONG is not set
22 +# BR2_SSP_ALL is not set
23 BR2_RELRO_NONE=y
24 # BR2_RELRO_PARTIAL is not set
25 # BR2_RELRO_FULL is not set
26 -
27 -#
28 -# Fortify Source needs a glibc toolchain and optimization
29 -#
30 +BR2_FORTIFY_SOURCE_NONE=y
31 +# BR2_FORTIFY_SOURCE_1 is not set
32 +# BR2_FORTIFY_SOURCE_2 is not set
33
34 #
35 # Toolchain
36 #
37 BR2_TOOLCHAIN=y
38 -BR2_TOOLCHAIN_USES_UCLIBC=y
39 -BR2_TOOLCHAIN_BUILDROOT=y
40 -# BR2_TOOLCHAIN_EXTERNAL is not set
41 -
42 -#
43 -# Toolchain Buildroot Options
44 -#
45 -BR2_TOOLCHAIN_BUILDROOT_VENDOR="buildroot"
46 -BR2_TOOLCHAIN_BUILDROOT_UCLIBC=y
47 -# BR2_TOOLCHAIN_BUILDROOT_GLIBC is not set
48 -# BR2_TOOLCHAIN_BUILDROOT_MUSL is not set
49 -BR2_TOOLCHAIN_BUILDROOT_LIBC="uclibc"
50 -
51 -#
52 -# Kernel Header Options
53 -#
54 -BR2_KERNEL_HEADERS_AS_KERNEL=y
55 -# BR2_KERNEL_HEADERS_4_4 is not set
56 -# BR2_KERNEL_HEADERS_4_9 is not set
```

```
57 -# BR2_KERNEL_HEADERS_4_14 is not set
58 -# BR2_KERNEL_HEADERS_4_19 is not set
59 -# BR2_KERNEL_HEADERS_5_4 is not set
60 -# BR2_KERNEL_HEADERS_5_5 is not set
61 -# BR2_KERNEL_HEADERS_5_6 is not set
62 -# BR2_KERNEL_HEADERS_5_7 is not set
63 -# BR2_KERNEL_HEADERS_VERSION is not set
64 -# BR2_KERNEL_HEADERS_CUSTOM_TARBALL is not set
65 -# BR2_KERNEL_HEADERS_CUSTOM_GIT is not set
66 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_7 is not set
67 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_6 is not set
68 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_5 is not set
69 -BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_4=y
70 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_3 is not set
71 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_2 is not set
72 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_1 is not set
73 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_5_0 is not set
74 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_20 is not set
75 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_19 is not set
76 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_18 is not set
77 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_17 is not set
78 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_16 is not set
79 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_15 is not set
80 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_14 is not set
81 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_13 is not set
82 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_12 is not set
83 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_11 is not set
84 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_10 is not set
85 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_9 is not set
86 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_8 is not set
87 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_7 is not set
88 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_6 is not set
89 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_5 is not set
90 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_4 is not set
91 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_3 is not set
92 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_2 is not set
93 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_1 is not set
94 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_4_0 is not set
95 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_19 is not set
96 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_18 is not set
97 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_17 is not set
98 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_16 is not set
99 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_15 is not set
100 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_14 is not set
101 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_13 is not set
102 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_12 is not set
103 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_11 is not set
104 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_10 is not set
105 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_9 is not set
106 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_8 is not set
107 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_7 is not set
108 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_6 is not set
109 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_5 is not set
110 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_4 is not set
111 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_3 is not set
112 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_2 is not set
113 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_1 is not set
114 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_3_0 is not set
```

```
115 -# BR2_PACKAGE_HOST_LINUX_HEADERS_CUSTOM_REALLY_OLD is not set
116 -BR2_PACKAGE_LINUX_HEADERS=y
117 -
118 -#
119 -# uClibc Options
120 -#
121 -BR2_PACKAGE_UCLIBC=y
122 -BR2_UCLIBC_CONFIG="package/uClibc/uClibc-ng.config"
123 -BR2_UCLIBC_CONFIG_FRAGMENT_FILES=""
124 -# BR2_TOOLCHAIN_BUILDROOT_WCHAR is not set
125 -# BR2_TOOLCHAIN_BUILDROOT_LOCALE is not set
126 -BR2_PTHREADS_NATIVE=y
127 -# BR2_PTHREADS is not set
128 -# BR2_PTHREADS_NONE is not set
129 -# BR2_PTHREAD_DEBUG is not set
130 -# BR2_TOOLCHAIN_BUILDROOT_USE_SSP is not set
131 -BR2_UCLIBC_INSTALL_UTILS=y
132 -BR2_UCLIBC_TARGET_ARCH="arm"
133 -
134 -#
135 -# Binutils Options
136 -#
137 -BR2_PACKAGE_HOST_BINUTILS_SUPPORTS_CFI=y
138 -# BR2_BINUTILS_VERSION_2_31_X is not set
139 -BR2_BINUTILS_VERSION_2_32_X=y
140 -# BR2_BINUTILS_VERSION_2_33_X is not set
141 -BR2_BINUTILS_VERSION="2.32"
142 -BR2_BINUTILS_EXTRA_CONFIG_OPTIONS=""
143 -
144 -#
145 -# GCC Options
146 -#
147 -# BR2_GCC_VERSION_7_X is not set
148 -BR2_GCC_VERSION_8_X=y
149 -# BR2_GCC_VERSION_9_X is not set
150 -BR2_GCC_VERSION="8.4.0"
151 -BR2_EXTRA_GCC_CONFIG_OPTIONS=""
152 -# BR2_TOOLCHAIN_BUILDROOT_CXX is not set
153 -# BR2_TOOLCHAIN_BUILDROOT_FORTRAN is not set
154 -# BR2_GCC_ENABLE_LTO is not set
155 -# BR2_GCC_ENABLE_OPENMP is not set
156 -# BR2_GCC_ENABLE_GRAPHITE is not set
157 +BR2_TOOLCHAIN_USES_GLIBC=y
158 +# BR2_TOOLCHAIN_BUILDROOT is not set
159 +BR2_TOOLCHAIN_EXTERNAL=y
160 +
161 +#
162 +# Toolchain External Options
163 +#
164 +
165 +#
166 +# Arm toolchains available for Cortex-A + EABIhf
167 +#
168 +
169 +#
170 +# Linaro toolchains available for Cortex-A + EABIhf
171 +#
172 +# BR2_TOOLCHAIN_EXTERNAL_CODESOURCERY_ARM is not set
```

```
173 +BR2_TOOLCHAIN_EXTERNAL_CUSTOM=y
174 +# BR2_TOOLCHAIN_EXTERNAL_DOWNLOAD is not set
175 +BR2_TOOLCHAIN_EXTERNAL_PREINSTALLED=y
176 +BR2_TOOLCHAIN_EXTERNAL_PATH="${HOME}/work/toolchain/arm-926ejs-linux-
    gnueabi"
177 +BR2_TOOLCHAIN_EXTERNAL_GLIBC=y
178 +BR2_PACKAGE_HAS_TOOLCHAIN_EXTERNAL=y
179 +BR2_PACKAGE_PROVIDES_TOOLCHAIN_EXTERNAL="toolchain-external-custom"
180 +BR2_TOOLCHAIN_EXTERNAL_PREFIX="arm-926ejs-linux-gnueabi"
181 +BR2_TOOLCHAIN_EXTERNAL_CUSTOM_PREFIX="arm-926ejs-linux-gnueabi"
182 +BR2_TOOLCHAIN_EXTERNAL_GCC_9=y
183 +# BR2_TOOLCHAIN_EXTERNAL_GCC_8 is not set
184 +# BR2_TOOLCHAIN_EXTERNAL_GCC_7 is not set
185 +# BR2_TOOLCHAIN_EXTERNAL_GCC_6 is not set
186 +# BR2_TOOLCHAIN_EXTERNAL_GCC_5 is not set
187 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_9 is not set
188 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_8 is not set
189 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_7 is not set
190 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_6 is not set
191 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_5 is not set
192 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_4 is not set
193 +# BR2_TOOLCHAIN_EXTERNAL_GCC_4_3 is not set
194 +# BR2_TOOLCHAIN_EXTERNAL_GCC_OLD is not set
195 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_7 is not set
196 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_6 is not set
197 +BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_5=y
198 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_4 is not set
199 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_3 is not set
200 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_2 is not set
201 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_1 is not set
202 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_5_0 is not set
203 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_20 is not set
204 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_19 is not set
205 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_18 is not set
206 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_17 is not set
207 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_16 is not set
208 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_15 is not set
209 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_14 is not set
210 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_13 is not set
211 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_12 is not set
212 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_11 is not set
213 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_10 is not set
214 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_9 is not set
215 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_8 is not set
216 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_7 is not set
217 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_6 is not set
218 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_5 is not set
219 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_4 is not set
220 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_3 is not set
221 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_2 is not set
222 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_1 is not set
223 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_4_0 is not set
224 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_19 is not set
225 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_18 is not set
226 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_17 is not set
227 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_16 is not set
228 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_15 is not set
229 +# BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_14 is not set
```

```

230  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_13 is not set
231  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_12 is not set
232  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_11 is not set
233  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_10 is not set
234  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_9 is not set
235  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_8 is not set
236  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_7 is not set
237  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_6 is not set
238  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_5 is not set
239  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_4 is not set
240  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_3 is not set
241  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_2 is not set
242  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_1 is not set
243  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_3_0 is not set
244  += BR2_TOOLCHAIN_EXTERNAL_HEADERS_REALLY_OLD is not set
245  += BR2_TOOLCHAIN_EXTERNAL_CUSTOM_UCLIBC is not set
246  +BR2_TOOLCHAIN_EXTERNAL_CUSTOM_GLIBC=y
247  += BR2_TOOLCHAIN_EXTERNAL_CUSTOM_MUSL is not set
248  +BR2_TOOLCHAIN_EXTERNAL_HAS_SSP=y
249  +BR2_TOOLCHAIN_EXTERNAL_HAS_SSP_STRONG=y
250  +BR2_TOOLCHAIN_EXTERNAL_INET_RPC=y
251  += BR2_TOOLCHAIN_EXTERNAL_CXX is not set
252  += BR2_TOOLCHAIN_EXTERNAL_DLANG is not set
253  += BR2_TOOLCHAIN_EXTERNAL_FORTRAN is not set
254  += BR2_TOOLCHAIN_EXTERNAL_OPENMP is not set
255  += BR2_TOOLCHAIN_EXTERNAL_GDB_SERVER_COPY is not set
256  BR2_PACKAGE_HOST_GDB_ARCH_SUPPORTS=y
257
258  #
259  @@ -345,11 +324,19 @@
260  # Toolchain Generic Options
261  #
262  BR2_TOOLCHAIN_SUPPORTS_VARIADIC_MI_THUNK=y
263  +BR2_TOOLCHAIN_HAS_NATIVE_RPC=y
264  +BR2_USE_WCHAR=y
265  +BR2_ENABLE_LOCALE=y
266  BR2_TOOLCHAIN_HAS_THREADS=y
267  +BR2_TOOLCHAIN_HAS_THREADS_DEBUG=y
268  BR2_TOOLCHAIN_HAS_THREADS_NPTL=y
269  +BR2_TOOLCHAIN_HAS_SSP=y
270  +BR2_TOOLCHAIN_HAS_SSP_STRONG=y
271  BR2_TOOLCHAIN_HAS_UCONTEXT=y
272  BR2_TOOLCHAIN_SUPPORTS_PIE=y
273  += BR2_TOOLCHAIN_GLIBC_GCONV_LIBS_COPY is not set
274  BR2_TOOLCHAIN_EXTRA_LIBS=""
275  +BR2_TOOLCHAIN_HAS_FULL_GETTEXT=y
276  BR2_USE_MMU=y
277  BR2_TARGET_OPTIMIZATION=""
278  BR2_TARGET_LDFLAGS=""
279  @@ -400,7 +387,8 @@
280  BR2_TOOLCHAIN_HEADERS_AT_LEAST_5_2=y
281  BR2_TOOLCHAIN_HEADERS_AT_LEAST_5_3=y
282  BR2_TOOLCHAIN_HEADERS_AT_LEAST_5_4=y
283  -BR2_TOOLCHAIN_HEADERS_AT_LEAST="5.4"
284  +BR2_TOOLCHAIN_HEADERS_AT_LEAST_5_5=y
285  +BR2_TOOLCHAIN_HEADERS_AT_LEAST="5.5"
286  BR2_TOOLCHAIN_GCC_AT_LEAST_4_3=y
287  BR2_TOOLCHAIN_GCC_AT_LEAST_4_4=y

```



```

288 BR2_TOOLCHAIN_GCC_AT_LEAST_4_5=y
289 @@ -412,11 +400,14 @@
290 BR2_TOOLCHAIN_GCC_AT_LEAST_6=y
291 BR2_TOOLCHAIN_GCC_AT_LEAST_7=y
292 BR2_TOOLCHAIN_GCC_AT_LEAST_8=y
293 -BR2_TOOLCHAIN_GCC_AT_LEAST="8"
294 +BR2_TOOLCHAIN_GCC_AT_LEAST_9=y
295 +BR2_TOOLCHAIN_GCC_AT_LEAST="9"
296 BR2_TOOLCHAIN_HAS_MNAN_OPTION=y
297 BR2_TOOLCHAIN_HAS_SYNC_1=y
298 BR2_TOOLCHAIN_HAS_SYNC_2=y
299 BR2_TOOLCHAIN_HAS_SYNC_4=y
300 +BR2_TOOLCHAIN_ARM_HAS_SYNC_8=y
301 +BR2_TOOLCHAIN_HAS_SYNC_8=y
302 BR2_TOOLCHAIN_HAS_LIBATOMIC=y
303 BR2_TOOLCHAIN_HAS_ATOMIC=y
304
305 @@ -425,31 +416,25 @@
306 #
307 BR2_ROOTFS_SKELETON_DEFAULT=y
308 # BR2_ROOTFS_SKELETON_CUSTOM is not set
309 -BR2_TARGET_GENERIC_HOSTNAME="buildroot"
310 -BR2_TARGET_GENERIC_ISSUE="welcome to Buildroot"
311 +BR2_TARGET_GENERIC_HOSTNAME="EasyArm-i.MX280a"
312 +BR2_TARGET_GENERIC_ISSUE="welcome to EasyArm-i.MX280a"
313 BR2_TARGET_GENERIC_PASSWD_SHA256=y
314 # BR2_TARGET_GENERIC_PASSWD_SHA512 is not set
315 BR2_TARGET_GENERIC_PASSWD_METHOD="sha-256"
316 BR2_INIT_BUSYBOX=y
317 # BR2_INIT_SYSV is not set
318 # BR2_INIT_OPENRC is not set
319 -
320 -#
321 -# systemd needs a glibc toolchain w/ SSP, headers >= 3.10, host and
322 -# target gcc >= 5
323 +# BR2_INIT_SYSTEMD is not set
324 # BR2_INIT_NONE is not set
325 # BR2_ROOTFS_DEVICE_CREATION_STATIC is not set
326 -BR2_ROOTFS_DEVICE_CREATION_DYNAMIC_DEVTMPFS=y
327 -# BR2_ROOTFS_DEVICE_CREATION_DYNAMIC_MDEV is not set
328 -
329 -#
330 -# eudev needs a toolchain w/ wchar, dynamic library
331 -#
332 +# BR2_ROOTFS_DEVICE_CREATION_DYNAMIC_DEVTMPFS is not set
333 +BR2_ROOTFS_DEVICE_CREATION_DYNAMIC_MDEV=y
334 +# BR2_ROOTFS_DEVICE_CREATION_DYNAMIC_EUDEV is not set
335 BR2_ROOTFS_DEVICE_TABLE="system/device_table.txt"
336 # BR2_ROOTFS_DEVICE_TABLE_SUPPORTS_EXTENDED_ATTRIBUTES is not set
337 # BR2_ROOTFS_MERGED_USR is not set
338 BR2_TARGET_ENABLE_ROOT_LOGIN=y
339 -BR2_TARGET_GENERIC_ROOT_PASSWD=""
340 +BR2_TARGET_GENERIC_ROOT_PASSWD="root"
341 BR2_SYSTEM_BIN_SH_BUSYBOX=y
342
343 #
344 @@ -472,82 +457,19 @@

```

```
345 BR2_SYSTEM_DEFAULT_PATH="/bin:/sbin:/usr/bin:/usr/sbin"
346 BR2_ENABLE_LOCALE_PURGE=y
347 BR2_ENABLE_LOCALE_WHITELIST="C en_US"
348 -
349 -#
350 -# NLS support needs a toolchain w/ wchar, dynamic library
351 -#
352 +BR2_GENERATE_LOCALE=""
353 +# BR2_SYSTEM_ENABLE_NLS is not set
354 # BR2_TARGET_TZ_INFO is not set
355 BR2_ROOTFS_USERS_TABLES=""
356 BR2_ROOTFS_OVERLAY=""
357 BR2_ROOTFS_POST_BUILD_SCRIPT=""
358 BR2_ROOTFS_POST_FAKEROOT_SCRIPT=""
359 -BR2_ROOTFS_POST_IMAGE_SCRIPT="board/freescale/common/mxs/post-image.sh"
360 -BR2_ROOTFS_POST_SCRIPT_ARGS=""
361 +BR2_ROOTFS_POST_IMAGE_SCRIPT=""
362
363 #
364 # kernel
365 #
366 -BR2_LINUX_KERNEL=y
367 -# BR2_LINUX_KERNEL_LATEST_VERSION is not set
368 -# BR2_LINUX_KERNEL_LATEST_CIP_VERSION is not set
369 -# BR2_LINUX_KERNEL_LATEST_CIP_RT_VERSION is not set
370 -BR2_LINUX_KERNEL_CUSTOM_VERSION=y
371 -# BR2_LINUX_KERNEL_CUSTOM_TARBALL is not set
372 -# BR2_LINUX_KERNEL_CUSTOM_GIT is not set
373 -# BR2_LINUX_KERNEL_CUSTOM_HG is not set
374 -# BR2_LINUX_KERNEL_CUSTOM_SVN is not set
375 -BR2_LINUX_KERNEL_CUSTOM_VERSION_VALUE="5.4.42"
376 -BR2_LINUX_KERNEL_VERSION="5.4.42"
377 -BR2_LINUX_KERNEL_PATCH=""
378 -BR2_LINUX_KERNEL_USE_DEFCONFIG=y
379 -# BR2_LINUX_KERNEL_USE_ARCH_DEFAULT_CONFIG is not set
380 -# BR2_LINUX_KERNEL_USE_CUSTOM_CONFIG is not set
381 -BR2_LINUX_KERNEL_DEFCONFIG="mxs"
382 -BR2_LINUX_KERNEL_CONFIG_FRAGMENT_FILES=""
383 -BR2_LINUX_KERNEL_CUSTOM_LOGO_PATH=""
384 -# BR2_LINUX_KERNEL_UIMAGE is not set
385 -# BR2_LINUX_KERNEL_APPENDED_UIMAGE is not set
386 -BR2_LINUX_KERNEL_ZIMAGE=y
387 -# BR2_LINUX_KERNEL_APPENDED_ZIMAGE is not set
388 -# BR2_LINUX_KERNEL_VMLINUX is not set
389 -# BR2_LINUX_KERNEL_IMAGE_TARGET_CUSTOM is not set
390 -BR2_LINUX_KERNEL_GZIP=y
391 -# BR2_LINUX_KERNEL_LZ4 is not set
392 -# BR2_LINUX_KERNEL_LZMA is not set
393 -# BR2_LINUX_KERNEL_LZO is not set
394 -# BR2_LINUX_KERNEL_XZ is not set
395 -BR2_LINUX_KERNEL_DTS_SUPPORT=y
396 -# BR2_LINUX_KERNEL_DTB_IS_SELF_BUILT is not set
397 -BR2_LINUX_KERNEL_INTREE_DTS_NAME="imx28-evk"
398 -BR2_LINUX_KERNEL_CUSTOM_DTS_PATH=""
399 -# BR2_LINUX_KERNEL_DTB_KEEP_DIRNAME is not set
400 -# BR2_LINUX_KERNEL_DTB_OVERLAY_SUPPORT is not set
401 -# BR2_LINUX_KERNEL_INSTALL_TARGET is not set
402 -# BR2_LINUX_KERNEL_NEEDS_HOST_OPENSSL is not set
```

```
403  -# BR2_LINUX_KERNEL_NEEDS_HOST_LIBELF is not set
404  -
405  -#
406  -# Linux Kernel Extensions
407  -#
408  -# BR2_LINUX_KERNEL_EXT_XENOMAI is not set
409  -# BR2_LINUX_KERNEL_EXT_RTAI is not set
410  -# BR2_LINUX_KERNEL_EXT_EV3DEV_LINUX_DRIVERS is not set
411  -# BR2_LINUX_KERNEL_EXT_FBTFT is not set
412  -# BR2_LINUX_KERNEL_EXT_AUFS is not set
413  -
414  -#
415  -# Linux Kernel Tools
416  -#
417  -# BR2_PACKAGE_LINUX_TOOLS_CPUPOWER is not set
418  -# BR2_PACKAGE_LINUX_TOOLS_GPIO is not set
419  -# BR2_PACKAGE_LINUX_TOOLS_IIO is not set
420  -# BR2_PACKAGE_LINUX_TOOLS_PCI is not set
421  -# BR2_PACKAGE_LINUX_TOOLS_PERF is not set
422  -
423  -#
424  -# selftests needs BR2_PACKAGE_BUSYBOX_SHOW_OTHERS and a toolchain w/
dynamic library
425  -#
426  -# BR2_PACKAGE_LINUX_TOOLS_TMON is not set
427  +# BR2_LINUX_KERNEL is not set
428
429  #
430  # Target packages
431  @@ -574,10 +496,7 @@
432  #
433  # bellagio needs a toolchain w/ C++, threads, dynamic library
434  #
435  -
436  -#
437  -# bluez-alsa needs a toolchain w/ wchar, NPTL, headers >= 3.4, dynamic
library
438  -#
439  +# BR2_PACKAGE_BLUEZ_ALSA is not set
440  # BR2_PACKAGE_DVBLAST is not set
441  # BR2_PACKAGE_DVDAUTHOR is not set
442
443  @@ -591,27 +510,12 @@
444  # BR2_PACKAGE_FAAD2 is not set
445  BR2_PACKAGE_FFMPEG_ARCH_SUPPORTS=y
446  # BR2_PACKAGE_FFMPEG is not set
447  -
448  -#
449  -# flac needs a toolchain w/ wchar
450  -#
451  -
452  -#
453  -# flite needs a toolchain w/ wchar
454  -#
455  +# BR2_PACKAGE_FLAC is not set
456  +# BR2_PACKAGE_FLITE is not set
457  # BR2_PACKAGE_FLUID_SOUNDFONT is not set
458  -
```

```
459 -#
460 -# fluidsynth needs a toolchain w/ threads, wchar
461 -#
462 -
463 -#
464 -# gstreamer-1.0 needs a toolchain w/ wchar, threads
465 -#
466 -
467 -#
468 -# gstreamer 1.x needs a toolchain w/ wchar, threads
469 -#
470 +# BR2_PACKAGE_FLUIDSYNTH is not set
471 +# BR2_PACKAGE_GMRENDER_RESURRECT is not set
472 +# BR2_PACKAGE_GSTREAMER1 is not set
473 # BR2_PACKAGE_JACK1 is not set
474
475 #
476 @@ -628,10 +532,7 @@
477 #
478 # BR2_PACKAGE_LAME is not set
479 # BR2_PACKAGE_MADPLAY is not set
480 -
481 -#
482 -# mimic needs a toolchain w/ wchar
483 -#
484 +# BR2_PACKAGE_MIMIC is not set
485 # BR2_PACKAGE_MINIMODEM is not set
486
487 #
488 @@ -669,15 +570,9 @@
489 #
490 # BR2_PACKAGE_OPUS_TOOLS is not set
491 BR2_PACKAGE_PULSEAUDIO_HAS_ATOMIC=y
492 -
493 -#
494 -# pulseaudio needs a toolchain w/ wchar, threads, dynamic library
495 -#
496 +# BR2_PACKAGE_PULSEAUDIO is not set
497 # BR2_PACKAGE_SOX is not set
498 -
499 -#
500 -# squeezelite needs a toolchain w/ wchar, NPTL, dynamic library
501 -#
502 +# BR2_PACKAGE_SQUEEZELITE is not set
503
504 #
505 # tovid needs a toolchain w/ threads, C++, wchar, gcc >= 4.5
506 @@ -693,7 +588,10 @@
507 #
508 # v4l2grab needs a toolchain w/ threads, dynamic library, C++ and
509 # headers >= 3.0
510 -# BR2_PACKAGE_V4L2LOOPBACK is not set
511 +
512 +#
513 +# v4l2loopback needs a Linux kernel to be built
514 +
515
```

```
516 #
517 # vlc needs a toolchain w/ C++, dynamic library, wchar, threads, gcc >=
4.9, headers >= 3.7
518 @@ -723,10 +621,7 @@
519 # p7zip needs a toolchain w/ threads, wchar, C++
520 #
521 # BR2_PACKAGE_PIGZ is not set
522 -
523 -#
524 -# pixz needs a toolchain w/ threads, wchar
525 -#
526 +# BR2_PACKAGE_PIXZ is not set
527
528 #
529 # unrar needs a toolchain w/ C++, wchar, threads
530 @@ -756,10 +651,7 @@
531 # BR2_PACKAGE_DIEHARDER is not set
532 # BR2_PACKAGE_DMALLOC is not set
533 # BR2_PACKAGE_DROPWATCH is not set
534 -
535 -#
536 -# dstat needs a toolchain w/ wchar, threads, dynamic library
537 -#
538 +# BR2_PACKAGE_DSTAT is not set
539 # BR2_PACKAGE_DT is not set
540
541 #
542 @@ -769,10 +661,6 @@
543 BR2_PACKAGE_GDB_ARCH_SUPPORTS=y
544
545 #
546 -# gdb/gdbserver needs a toolchain w/ threads, threads debug
547 -#
548 -
549 -#
550 # gdb/gdbserver >= 8.x needs a toolchain w/ C++, gcc >= 4.8
551 #
552 BR2_PACKAGE_GOOGLE_BREAKPAD_ARCH_SUPPORTS=y
553 @@ -782,42 +670,32 @@
554 #
555 # BR2_PACKAGE_IOZONE is not set
556 # BR2_PACKAGE_KEXEC is not set
557 -# BR2_PACKAGE_KTAP is not set
558
559 #
560 -# latencytop needs a toolchain w/ wchar, threads
561 +# ktap needs a Linux kernel to be built
562 #
563 +# BR2_PACKAGE_LATENCYTOP is not set
564 # BR2_PACKAGE_LMBENCH is not set
565 BR2_PACKAGE_LTP_TESTSUITE_ARCH_SUPPORTS=y
566 # BR2_PACKAGE_LTP_TESTSUITE is not set
567 BR2_PACKAGE_LTRACE_ARCH_SUPPORTS=y
568 +# BR2_PACKAGE_LTRACE is not set
569 +# BR2_PACKAGE_LTTNG_BABELTRACE is not set
570
571 #
572 -# ltrace needs a uClibc or glibc toolchain w/ wchar, dynamic library
```

```
573 -#
574 -
575 -#
576 -# lttng-babeltrace needs a toolchain w/ wchar, threads
577 +# lttng-modules needs a Linux kernel to be built
578 #
579 -# BR2_PACKAGE_LTTNG_MODULES is not set
580 # BR2_PACKAGE_LTTNG_TOOLS is not set
581 # BR2_PACKAGE_MEMSTAT is not set
582 # BR2_PACKAGE_NETPERF is not set
583 # BR2_PACKAGE_NETSNIFF_NG is not set
584 -
585 -#
586 -# nmon needs a glibc toolchain
587 -#
588 +# BR2_PACKAGE_NMON is not set
589 BR2_PACKAGE_OPROFILE_ARCH_SUPPORTS=y
590
591 #
592 # oprofile needs a toolchain w/ C++, wchar
593 #
594 # BR2_PACKAGE_PAX_UTILS is not set
595 -
596 -#
597 -# piglit needs glibc or musl
598 -#
599 BR2_PACKAGE_PTM2HUMAN_ARCH_SUPPORTS=y
600 # BR2_PACKAGE_PTM2HUMAN is not set
601 # BR2_PACKAGE_PV is not set
602 @@ -845,10 +723,7 @@
603 #
604 # Development tools
605 #
606 -
607 -#
608 -# binutils needs a toolchain w/ wchar
609 -#
610 +# BR2_PACKAGE_BINUTILS is not set
611 # BR2_PACKAGE_BSDIFF is not set
612 # BR2_PACKAGE_CHECK is not set
613 BR2_PACKAGE_CMAKE_ARCH_SUPPORTS=y
614 @@ -861,10 +736,7 @@
615 # cppunit needs a toolchain w/ C++, dynamic library
616 #
617 # BR2_PACKAGE_CUNIT is not set
618 -
619 -#
620 -# cvs needs a toolchain w/ wchar
621 -#
622 +# BR2_PACKAGE_CVS is not set
623
624 #
625 # cxxtest needs a toolchain w/ C++ support
626 @@ -887,92 +759,50 @@
627 # BR2_PACKAGE_MAKE is not set
628 # BR2_PACKAGE_PKGCONF is not set
629 # BR2_PACKAGE_SUBVERSION is not set
630 +# BR2_PACKAGE_TREE is not set
```

```
631
632 #
633 -# tree needs a toolchain w/ wchar
634 +# Filesystem and flash utilities
635 #
636 +# BR2_PACKAGE_ABOTIMG is not set
637
638 #
639 -# Filesystem and flash utilities
640 +# aufs-util needs a linux kernel and a toolchain w/ threads
641 #
642 -# BR2_PACKAGE_ABOTIMG is not set
643 -# BR2_PACKAGE_AUFS_UTIL is not set
644 # BR2_PACKAGE_AUTOFS is not set
645 # BR2_PACKAGE_BTRFS_PROGS is not set
646 # BR2_PACKAGE_CIFS_UTILS is not set
647 -
648 -#
649 -# cpio needs a toolchain w/ wchar
650 -#
651 +# BR2_PACKAGE_CPIO is not set
652 # BR2_PACKAGE_CRAMFS is not set
653 -
654 -#
655 -# curlftpfs needs a toolchain w/ wchar, threads, dynamic library
656 -#
657 +# BR2_PACKAGE_CURLFTPFS is not set
658 # BR2_PACKAGE_DAVFS2 is not set
659 -
660 -#
661 -# dosfstools needs a toolchain w/ wchar
662 -#
663 +# BR2_PACKAGE_DOSFSTOOLS is not set
664 # BR2_PACKAGE_E2FSPROGS is not set
665 -
666 -#
667 -# e2tools needs a toolchain w/ threads, wchar
668 -#
669 -
670 -#
671 -# ecryptfs-utils needs a toolchain w/ threads, wchar, dynamic library
672 -#
673 +# BR2_PACKAGE_E2TOOLS is not set
674 +# BR2_PACKAGE_ECRYPTFS_UTILS is not set
675 # BR2_PACKAGE_EROF_UTILS is not set
676 -
677 -#
678 -# exfat needs a toolchain w/ wchar, threads, dynamic library
679 -#
680 -
681 -#
682 -# exfat-utils needs a toolchain w/ wchar
683 -#
684 -
685 -#
686 -# exfatprogs needs a toolchain w/ wchar
687 -#
688 -
```

```
689 -#
690 -# f2fs-tools needs a toolchain w/ wchar
691 -#
692 +# BR2_PACKAGE_EXFAT is not set
693 +# BR2_PACKAGE_EXFAT_UTILS is not set
694 +# BR2_PACKAGE_EXFATPROGS is not set
695 +# BR2_PACKAGE_F2FS_TOOLS is not set
696 # BR2_PACKAGE_FLASHBENCH is not set
697 # BR2_PACKAGE_FSCRYPTCTL is not set
698 -
699 -#
700 -# fwup needs a toolchain w/ wchar
701 -#
702 +# BR2_PACKAGE_FWUP is not set
703 # BR2_PACKAGE_GENEXT2FS is not set
704 # BR2_PACKAGE_GENPART is not set
705 # BR2_PACKAGE_GENROMFS is not set
706 # BR2_PACKAGE_IMX_USB_LOADER is not set
707 # BR2_PACKAGE_MMC_UTILS is not set
708 # BR2_PACKAGE_MTD is not set
709 -
710 -#
711 -# mtools needs a toolchain w/ wchar
712 -#
713 +# BR2_PACKAGE_MTOOLS is not set
714 # BR2_PACKAGE_NFS_UTILS is not set
715 # BR2_PACKAGE_NILFS_UTILS is not set
716 -
717 -#
718 -# ntfs-3g needs a toolchain w/ wchar, threads, dynamic library
719 -#
720 +# BR2_PACKAGE_NTFS_3G is not set
721 # BR2_PACKAGE_SP_OOPS_EXTRACT is not set
722 # BR2_PACKAGE_SQUASHFS is not set
723 -
724 -#
725 -# sshfs needs a toolchain w/ wchar, threads, dynamic library
726 -#
727 +# BR2_PACKAGE_SSHFS is not set
728 # BR2_PACKAGE_SUNXI_TOOLS is not set
729 -
730 -#
731 -# udftools needs a toolchain w/ wchar
732 -#
733 +# BR2_PACKAGE_UDFTOOLS is not set
734 # BR2_PACKAGE_UNIONFS is not set
735 # BR2_PACKAGE_XFSPROGS is not set
736
737 @@ -1057,10 +887,6 @@
738 #
739
740 #
741 -# cage needs a toolchain w/ threads, locale, dynamic library
742 -#
743 -
744 -#
745 # cog needs wpewebkit and a toolchain w/ threads
746 #
```



```
747 # BR2_PACKAGE_FSWEBCAM is not set
748 @@ -1074,10 +900,7 @@
749 # glslsandbox-player needs a toolchain w/ threads and an OpenGL ES and
EGL driver
750 #
751 # BR2_PACKAGE_GNUPLOT is not set
752 -
753 -#
754 -# jhead needs a toolchain w/ wchar
755 -#
756 +# BR2_PACKAGE_JHEAD is not set
757
758 #
759 # libva-utils needs a toolchain w/ C++, threads, dynamic library
760 @@ -1085,10 +908,7 @@
761 BR2_PACKAGE_NETSURF_ARCH_SUPPORTS=y
762 # BR2_PACKAGE_NETSURF is not set
763 # BR2_PACKAGE_PNGQUANT is not set
764 -
765 -#
766 -# rrdtool needs a toolchain w/ wchar, threads
767 -#
768 +# BR2_PACKAGE_RRDTOOL is not set
769
770 #
771 # stellarium needs Qt5 and an OpenGL provider
772 @@ -1126,23 +946,23 @@
773 # freerdp needs a toolchain w/ wchar, dynamic library, threads, C++
774 #
775 # BR2_PACKAGE_IMAGEMAGICK is not set
776 -# BR2_PACKAGE_LINUX_FUSION is not set
777
778 #
779 -# mesa3d needs a toolchain w/ C++, NPTL, dynamic library
780 +# linux-fusion needs a Linux kernel to be built
781 #
782
783 #
784 -# ocrad needs a toolchain w/ C++
785 +# mesa3d needs a toolchain w/ C++, NPTL, dynamic library
786 #
787
788 #
789 -# ogre needs a toolchain w/ C++, dynamic library, gcc >= 4.8, threads,
wchar
790 +# ocrad needs a toolchain w/ C++
791 #
792
793 #
794 -# psplash needs a toolchain w/ wchar
795 +# ogre needs a toolchain w/ C++, dynamic library, gcc >= 4.8, threads,
wchar
796 #
797 +# BR2_PACKAGE_PSPLASH is not set
798 # BR2_PACKAGE_SDL is not set
799 # BR2_PACKAGE_SDL2 is not set
800
801 @@ -1162,10 +982,7 @@
```

```
802 #
803 # weston needs udev and a toolchain w/ locale, threads, dynamic library,
headers >= 3.0
804 #
805 -
806 -#
807 -# X.org needs a toolchain w/ wchar, threads, dynamic library
808 -#
809 +# BR2_PACKAGE_XORG7 is not set
810
811 #
812 # apitrace needs a toolchain w/ C++, wchar, dynamic library, threads,
gcc >= 4.9
813 @@ -1176,10 +993,6 @@
814 #
815
816 #
817 -# rdesktop needs a toolchain w/ wchar, dynamic library
818 -#
819 -
820 -#
821 # vte needs a toolchain w/ wchar, threads, C++, gcc >= 4.8
822 #
823
824 @@ -1210,7 +1023,10 @@
825 # BR2_PACKAGE_WILINK_BT_FIRMWARE is not set
826 # BR2_PACKAGE_ZD1211_FIRMWARE is not set
827 # BR2_PACKAGE_18XX_TI_UTILS is not set
828 -# BR2_PACKAGE_A10DISP is not set
829 +
830 +#
831 +# a10disp needs a Linux kernel to be built
832 +#
833 # BR2_PACKAGE_ACPICA is not set
834 # BR2_PACKAGE_ACPID is not set
835
836 @@ -1223,10 +1039,7 @@
837 #
838 # apcupsd needs a toolchain w/ C++, threads
839 #
840 -
841 -#
842 -# avrdude needs a uClibc or glibc toolchain w/ threads, wchar, dynamic
library
843 -#
844 +# BR2_PACKAGE_AVRDUDE is not set
845
846 #
847 # bcache-tools needs udev /dev management
848 @@ -1235,10 +1048,7 @@
849 #
850 # brickd needs udev /dev management, a toolchain w/ threads, wchar
851 #
852 -
853 -#
854 -# brltty needs a toolchain w/ dynamic lib, threads, wchar
855 -#
856 +# BR2_PACKAGE_BRLTTY is not set
```

```
857 # BR2_PACKAGE_CBOOTIMAGE is not set
858
859 #
860 @@ -1246,8 +1056,15 @@
861 #
862 # BR2_PACKAGE_CDRKIT is not set
863 # BR2_PACKAGE_CRYPTSETUP is not set
864 -# BR2_PACKAGE_DAHDI_LINUX is not set
865 -# BR2_PACKAGE_DAHDI_TOOLS is not set
866 +# BR2_PACKAGE_CWIID is not set
867 +
868 +#
869 +# dahdi-linux needs a Linux kernel to be built
870 +#
871 +
872 +#
873 +# dahdi-tools needs a toolchain w/ threads and a Linux kernel to be
built
874 +#
875 # BR2_PACKAGE_DBUS is not set
876 # BR2_PACKAGE_DFU_UTIL is not set
877 # BR2_PACKAGE_DMRAID is not set
878 @@ -1263,10 +1080,6 @@
879 #
880 # eudev needs eudev /dev management
881 #
882 -
883 -#
884 -# eudev needs a toolchain w/ wchar, dynamic library
885 -#
886 # BR2_PACKAGE_EVEMU is not set
887 # BR2_PACKAGE_EVTEST is not set
888 # BR2_PACKAGE_FAN_CTRL is not set
889 @@ -1278,7 +1091,7 @@
890 # BR2_PACKAGE_FXLOAD is not set
891
892 #
893 -# gcnano-binaries needs a glibc toolchain w/ threads, dynamic library
894 +# gcnano-binaries needs a Linux kernel to be built
895 #
896 # BR2_PACKAGE_GPM is not set
897 # BR2_PACKAGE_GPSD is not set
898 @@ -1286,10 +1099,7 @@
899 #
900 # gptfdisk needs a toolchain w/ C++
901 #
902 -
903 -#
904 -# gvfs needs a toolchain w/ wchar, threads
905 -#
906 +# BR2_PACKAGE_GVFS is not set
907 # BR2_PACKAGE_HWDATA is not set
908 # BR2_PACKAGE_HWLOC is not set
909 # BR2_PACKAGE_INPUT_EVENT_DAEMON is not set
910 @@ -1300,7 +1110,7 @@
911 # BR2_PACKAGE_LCDPROC is not set
912 # BR2_PACKAGE_LIBUBOOTENV is not set
913 # BR2_PACKAGE_LIBUIO is not set
```

```
914 -# BR2_PACKAGE_LINUX_BACKPORTS is not set
915 +
916 +#
917 +# linux-backports needs a Linux kernel to be built
918 +#
919 # BR2_PACKAGE_LINUX_SERIAL_TEST is not set
920 # BR2_PACKAGE_LINUXCONSOLETOOLS is not set
921
922 @@ -1324,21 +1137,15 @@
923 # BR2_PACKAGE_MDEVD is not set
924 # BR2_PACKAGE_MEMTESTER is not set
925 # BR2_PACKAGE_MEMTOOL is not set
926 -
927 -#
928 -# minicom needs a toolchain w/ wchar
929 -#
930 +# BR2_PACKAGE_MINICOM is not set
931 # BR2_PACKAGE_NANOCOM is not set
932 -
933 -#
934 -# neard needs a toolchain w/ wchar, threads, dynamic library
935 -#
936 +# BR2_PACKAGE_NEARD is not set
937 # BR2_PACKAGE_NVME is not set
938 +# BR2_PACKAGE_OFONO is not set
939
940 #
941 -# ofono needs a toolchain w/ dynamic library, wchar, threads, headers >=
4.12
942 +# on2-8170-modules needs a Linux kernel to be built
943 #
944 -# BR2_PACKAGE_ON2_8170_MODULES is not set
945 # BR2_PACKAGE_OPEN2300 is not set
946
947 #
948 @@ -1346,11 +1153,11 @@
949 #
950 # BR2_PACKAGE_OPENIPMI is not set
951 # BR2_PACKAGE_OPENOCD is not set
952 -# BR2_PACKAGE_OWL_LINUX is not set
953
954 #
955 -# parted needs a glibc or musl toolchain w/ locale, wchar
956 +# owl-linux needs a Linux kernel to be built
957 #
958 +# BR2_PACKAGE_PARTED is not set
959 # BR2_PACKAGE_PCIUTILS is not set
960 # BR2_PACKAGE_PDBG is not set
961 # BR2_PACKAGE_PICOCOM is not set
962 @@ -1371,44 +1178,47 @@
963 #
964 # BR2_PACKAGE_RS485CONF is not set
965 # BR2_PACKAGE_RTC_TOOLS is not set
966 -# BR2_PACKAGE_RTL8188EU is not set
967 -# BR2_PACKAGE_RTL8189FS is not set
968 -# BR2_PACKAGE_RTL8723BS is not set
969 -# BR2_PACKAGE_RTL8723BU is not set
970 -# BR2_PACKAGE_RTL8821AU is not set
```

```
971 -# BR2_PACKAGE_SANE_BACKENDS is not set
972 -# BR2_PACKAGE_SDPARM is not set
973 -BR2_PACKAGE_SEDUTIL_ARCH_SUPPORTS=y
974
975 #
976 -# sedutil needs a toolchain w/ C++, gcc >= 4.8, headers >= 3.12
977 +# rtl8188eu needs a Linux kernel to be built
978 #
979 -# BR2_PACKAGE_SETSERIAL is not set
980 -# BR2_PACKAGE_SG3_UTILS is not set
981
982 #
983 -# sigrok-cli needs a toolchain w/ locale, wchar, threads, dynamic
  library, gcc >= 4.7
984 +# rtl8189fs needs a Linux kernel to be built
985 #
986
987 #
988 -# sispmtcl needs a toolchain w/ threads, wchar
989 +# rtl8723bs needs a Linux kernel to be built
990 #
991
992 #
993 -# smartmontools needs a toolchain w/ C++
994 +# rtl8723bu needs a Linux kernel to be built
995 #
996
997 #
998 -# smstools3 needs a toolchain w/ wchar, threads
999 +# rtl8821au needs a Linux kernel to be built
1000 #
1001 +# BR2_PACKAGE_SANE_BACKENDS is not set
1002 +# BR2_PACKAGE_SDPARM is not set
1003 +BR2_PACKAGE_SEDUTIL_ARCH_SUPPORTS=y
1004 +
1005 +#
1006 +# sedutil needs a toolchain w/ C++, gcc >= 4.8, headers >= 3.12
1007 +#
1008 +# BR2_PACKAGE_SETSERIAL is not set
1009 +# BR2_PACKAGE_SG3_UTILS is not set
1010 +# BR2_PACKAGE_SIGROK_CLI is not set
1011 +# BR2_PACKAGE_SISPMCTL is not set
1012 +
1013 +#
1014 +# smartmontools needs a toolchain w/ C++
1015 +#
1016 +# BR2_PACKAGE_SMSTOOLS3 is not set
1017 # BR2_PACKAGE_SPI_TOOLS is not set
1018 # BR2_PACKAGE_SREDIRD is not set
1019 # BR2_PACKAGE_STATSERIAL is not set
1020 # BR2_PACKAGE_STM32FLASH is not set
1021 -
1022 -#
1023 -# sunxi-cedarx needs a glibc toolchain
1024 -#
1025 +# BR2_PACKAGE_SUNXI_CEDARX is not set
1026
1027 #
```

```
1028 # sunxi-mali needs an EABIhf glibc toolchain
1029 @@ -1422,7 +1232,10 @@
1030 #
1031 # ti-gfx needs a glibc toolchain and a Linux kernel to be built
1032 #
1033 -# BR2_PACKAGE_TI_SGX_KM is not set
1034 +
1035 +#
1036 +# ti-sgx-km needs a Linux kernel to be built
1037 +#
1038
1039 #
1040 # ti-sgx-libgbm needs udev and a toolchain w/ threads
1041 @@ -1441,7 +1254,10 @@
1042 # BR2_PACKAGE_TRIGGERHAPPY is not set
1043 # BR2_PACKAGE_UBOOT_TOOLS is not set
1044 # BR2_PACKAGE_UBUS is not set
1045 -# BR2_PACKAGE_UCCP420WLAN is not set
1046 +
1047 +#
1048 +# uccp420wlan needs a Linux kernel >= 4.2 to be built
1049 +#
1050
1051 #
1052 # udisks needs udev /dev management
1053 @@ -1456,10 +1272,6 @@
1054 #
1055 # upower needs udev /dev management
1056 #
1057 -
1058 -#
1059 -# upower needs a toolchain w/ threads, wchar
1060 -#
1061 # BR2_PACKAGE_USB_MODESWITCH is not set
1062 # BR2_PACKAGE_USB_MODESWITCH_DATA is not set
1063
1064 @@ -1471,16 +1283,12 @@
1065 # usbutils needs udev /dev management and toolchain w/ threads
1066 #
1067 # BR2_PACKAGE_W_SCAN is not set
1068 -
1069 -#
1070 -# wf111 needs a glibc toolchain
1071 -#
1072 # BR2_PACKAGE_WIPE is not set
1073 +# BR2_PACKAGE_XORRISO is not set
1074
1075 #
1076 -# xorriso needs a toolchain w/ wchar, threads
1077 +# xr819-xradio driver needs a Linux kernel to be built
1078 #
1079 -# BR2_PACKAGE_XR819_XRADIO is not set
1080
1081 #
1082 # Interpreter languages and scripting
1083 @@ -1494,10 +1302,7 @@
1084 # BR2_PACKAGE_FICL is not set
1085 BR2_PACKAGE_GAUCHE_ARCH_SUPPORTS=y
```

```
1086 # BR2_PACKAGE_GAUICHE is not set
1087 -
1088 -#
1089 -# guile needs a uClibc or glibc toolchain w/ threads, wchar, dynamic
    library
1090 -#
1091 +# BR2_PACKAGE_GUILE is not set
1092 # BR2_PACKAGE_HASERL is not set
1093 # BR2_PACKAGE_JIMTCL is not set
1094 # BR2_PACKAGE_LUA is not set
1095 @@ -1528,18 +1333,9 @@
1096 #
1097 # BR2_PACKAGE_PERL is not set
1098 # BR2_PACKAGE_PHP is not set
1099 -
1100 -#
1101 -# python needs a toolchain w/ wchar, threads, dynamic library
1102 -#
1103 -
1104 -#
1105 -# python3 needs a toolchain w/ wchar, threads, dynamic library
1106 -#
1107 -
1108 -#
1109 -# ruby needs a toolchain w/ wchar, threads, dynamic library
1110 -#
1111 +# BR2_PACKAGE_PYTHON is not set
1112 +# BR2_PACKAGE_PYTHON3 is not set
1113 +# BR2_PACKAGE_RUBY is not set
1114 # BR2_PACKAGE_TCL is not set
1115
1116 #
1117 @@ -1593,10 +1389,7 @@
1118 #
1119 # libmodplug needs a toolchain w/ C++
1120 #
1121 -
1122 -#
1123 -# libmpd needs a toolchain w/ wchar, threads
1124 -#
1125 +# BR2_PACKAGE_LIBMPD is not set
1126 # BR2_PACKAGE_LIBMPDCLIENT is not set
1127 # BR2_PACKAGE_LIBREPLAYGAIN is not set
1128 # BR2_PACKAGE_LIBSAMPLERATE is not set
1129 @@ -1648,10 +1441,7 @@
1130 #
1131 # Compression and decompression
1132 #
1133 -
1134 -#
1135 -# libarchive needs a toolchain w/ wchar
1136 -#
1137 +# BR2_PACKAGE_LIBARCHIVE is not set
1138 # BR2_PACKAGE_LIBMSPACK is not set
1139
1140 #
1141 @@ -1659,10 +1449,7 @@
1142 #
```

```
1143 # BR2_PACKAGE_LIBZIP is not set
1144 # BR2_PACKAGE_LZO is not set
1145 -
1146 -#
1147 -# minizip needs a toolchain w/ wchar
1148 -#
1149 +# BR2_PACKAGE_MINIZIP is not set
1150
1151 #
1152 # snappy needs a toolchain w/ C++
1153 @@ -1684,15 +1471,12 @@
1154 # botan needs a toolchain w/ C++, threads, gcc >= 4.8
1155 #
1156 # BR2_PACKAGE_CA_CERTIFICATES is not set
1157 -# BR2_PACKAGE_CRYPTODEV is not set
1158
1159 #
1160 -# gcr needs a toolchain w/ wchar, threads, dynamic library
1161 -#
1162 -
1163 -#
1164 -# gnutls needs a toolchain w/ wchar, dynamic library
1165 +# cryptODEV needs a Linux kernel to be built
1166 #
1167 +# BR2_PACKAGE_GCR is not set
1168 +# BR2_PACKAGE_GNUTLS is not set
1169 # BR2_PACKAGE_LIBARGON2 is not set
1170 # BR2_PACKAGE_LIBASSUAN is not set
1171 # BR2_PACKAGE_LIBGCRYPT is not set
1172 @@ -1711,10 +1495,7 @@
1173 #
1174 # BR2_PACKAGE_LIBP11 is not set
1175 # BR2_PACKAGE_LIBSCRYPT is not set
1176 -
1177 -#
1178 -# libsecret needs a toolchain w/ wchar, threads
1179 -#
1180 +# BR2_PACKAGE_LIBSECRET is not set
1181 # BR2_PACKAGE_LIBSHA1 is not set
1182 # BR2_PACKAGE_LIBSODIUM is not set
1183 # BR2_PACKAGE_LIBSSH is not set
1184 @@ -1752,10 +1533,7 @@
1185 #
1186 # mysql needs a toolchain w/ C++, threads
1187 #
1188 -
1189 -#
1190 -# postgresql needs a toolchain w/ dynamic library, wchar
1191 -#
1192 +# BR2_PACKAGE_POSTGRESQL is not set
1193 # BR2_PACKAGE_REDIS is not set
1194
1195 #
1196 @@ -1768,10 +1546,7 @@
1197 #
1198 # Filesystem
1199 #
1200 -
```



```
1201 -#
1202 -# gamin needs a toolchain w/ wchar, threads
1203 -#
1204 +# BR2_PACKAGE_GAMIN is not set
1205 # BR2_PACKAGE_LIBCONFIG is not set
1206 # BR2_PACKAGE_LIBCONFUSE is not set
1207 # BR2_PACKAGE_LIBFUSE is not set
1208 @@ -1794,24 +1569,13 @@
1209 #
1210
1211 #
1212 -# at-spi2-atk needs a toolchain w/ wchar, threads
1213 -#
1214 -
1215 -#
1216 # at-spi2-atk depends on X.org
1217 #
1218
1219 #
1220 -# at-spi2-core needs a toolchain w/ wchar, threads
1221 -#
1222 -
1223 -#
1224 # at-spi2-core depends on X.org
1225 #
1226 -
1227 -#
1228 -# atk needs a toolchain w/ wchar, threads
1229 -#
1230 +# BR2_PACKAGE_ATK is not set
1231
1232 #
1233 # atkmm needs a toolchain w/ C++, wchar, threads, gcc >= 4.9
1234 @@ -1840,10 +1604,7 @@
1235 # BR2_PACKAGE_FONTCONFIG is not set
1236 # BR2_PACKAGE_FREETYPE is not set
1237 # BR2_PACKAGE_GD is not set
1238 -
1239 -#
1240 -# gdk-pixbuf needs a toolchain w/ wchar, threads
1241 -#
1242 +# BR2_PACKAGE_GDK_PIXBUF is not set
1243 # BR2_PACKAGE_GIFLIB is not set
1244
1245 #
1246 @@ -1892,10 +1653,7 @@
1247 #
1248 # libfm needs X.org and a toolchain w/ wchar, threads, C++, gcc >= 4.8
1249 #
1250 -
1251 -#
1252 -# libfm-extra needs a toolchain w/ wchar, threads
1253 -#
1254 +# BR2_PACKAGE_LIBFM_EXTRA is not set
1255
1256 #
1257 # libfreeglut depends on X.org and needs an OpenGL backend
1258 @@ -1929,10 +1687,7 @@
```

```
1259 #
1260 # libgtk3 needs an OpenGL or an OpenGL-EGL/wayland backend
1261 #
1262 -
1263 -#
1264 -# libmediaart needs a toolchain w/ wchar, threads
1265 -#
1266 +# BR2_PACKAGE_LIBMEDIAART is not set
1267 # BR2_PACKAGE_LIBMNG is not set
1268 # BR2_PACKAGE_LIBPNG is not set
1269 # BR2_PACKAGE_LIBQRENCODE is not set
1270 @@ -1960,10 +1715,7 @@
1271 #
1272 # libwpd needs a toolchain w/ C++, dynamic library and an OpenGL-
1273 # capable backend
1274 -
1275 -#
1276 -# menu-cache needs a toolchain w/ wchar, threads
1277 -#
1278 +# BR2_PACKAGE_MENU_CACHE is not set
1279
1280 #
1281 # opencv needs a toolchain w/ C++, NPTL, wchar
1282 @@ -2004,10 +1756,6 @@
1283 #
1284
1285 #
1286 -# wlroots needs a toolchain w/ threads, locale, dynamic library
1287 -#
1288 -
1289 -#
1290 # woff2 needs a toolchain w/ C++
1291 #
1292
1293 @@ -2080,20 +1828,17 @@
1294 #
1295 # libinput needs udev /dev management
1296 #
1297 -# BR2_PACKAGE_LIBIQRF is not set
1298 -# BR2_PACKAGE_LIBLLCP is not set
1299 -
1300 -#
1301 -# libmbim needs a toolchain w/ wchar, threads
1302 -#
1303 +# BR2_PACKAGE_LIBIQRF is not set
1304 +# BR2_PACKAGE_LIBLLCP is not set
1305 +# BR2_PACKAGE_LIBMBIM is not set
1306 # BR2_PACKAGE_LIBNFC is not set
1307 # BR2_PACKAGE_LIBPCIAACCESS is not set
1308 # BR2_PACKAGE_LIBPHIDGET is not set
1309 -# BR2_PACKAGE_LIBPRI is not set
1310
1311 #
1312 -# libqmi needs a toolchain w/ wchar, threads
1313 +# libpri needs a kernel to be built
1314 #
1315 +# BR2_PACKAGE_LIBQMI is not set
```

```
1316 # BR2_PACKAGE_LIBRAW1394 is not set
1317 # BR2_PACKAGE_LIBRTLSDR is not set
1318
1319 @@ -2101,16 +1846,13 @@
1320 # libserial needs a toolchain w/ C++, gcc >= 5, threads, wchar
1321 #
1322 # BR2_PACKAGE_LIBSERIALPORT is not set
1323 +# BR2_PACKAGE_LIBSIGROK is not set
1324 +# BR2_PACKAGE_LIBSIGROKDECODE is not set
1325 +# BR2_PACKAGE_LIBSOC is not set
1326
1327 #
1328 -# libsigrok needs a toolchain w/ wchar, locale, threads, dynamic
  library, gcc >= 4.7
1329 -#
1330 -
1331 -#
1332 -# libsigrokdecode needs a toolchain w/ wchar, threads, dynamic library
1333 +# libss7 needs a kernel to be built
1334 #
1335 -# BR2_PACKAGE_LIBSOC is not set
1336 -# BR2_PACKAGE_LIBSS7 is not set
1337 # BR2_PACKAGE_LIBUSB is not set
1338 # BR2_PACKAGE_LIBUSBGX is not set
1339
1340 @@ -2120,10 +1862,7 @@
1341 # BR2_PACKAGE_LIBXKBCOMMON is not set
1342 # BR2_PACKAGE_MRAA is not set
1343 # BR2_PACKAGE_MTDEV is not set
1344 -
1345 -#
1346 -# neardal needs a toolchain w/ wchar, threads
1347 -#
1348 +# BR2_PACKAGE_NEARDAL is not set
1349 # BR2_PACKAGE_OWFS is not set
1350 # BR2_PACKAGE_PCSC_LITE is not set
1351 # BR2_PACKAGE_TSLIB is not set
1352 @@ -2170,10 +1909,7 @@
1353 #
1354 # json-for-modern-cpp needs a toolchain w/ C++, gcc >= 4.9
1355 #
1356 -
1357 -#
1358 -# json-glib needs a toolchain w/ wchar, threads
1359 -#
1360 +# BR2_PACKAGE_JSON_GLIB is not set
1361
1362 #
1363 # jsoncpp needs a toolchain w/ C++, gcc >= 4.7
1364 @@ -2298,10 +2034,7 @@
1365 #
1366 # libmatroska needs a toolchain w/ C++, wchar
1367 #
1368 -
1369 -#
1370 -# libmms needs a toolchain w/ wchar, threads
1371 -#
1372 +# BR2_PACKAGE_LIBMMS is not set
```

```
1373 # BR2_PACKAGE_LIBMPEG2 is not set
1374 # BR2_PACKAGE_LIBOGG is not set
1375 BR2_PACKAGE_LIBOPENH264_ARCH_SUPPORTS=y
1376 @@ -2346,7 +2079,10 @@
1377 #
1378 # azure-iot-sdk-c needs a toolchain w/ C++ and NPTL
1379 #
1380 -# BR2_PACKAGE_BATMAN_ADV is not set
1381 +
1382 +#
1383 +# batman-adv needs a Linux kernel to be built
1384 +#
1385
1386 #
1387 # belle-sip needs a toolchain w/ threads, C++, dynamic library, wchar
1388 @@ -2378,30 +2114,15 @@
1389 # BR2_PACKAGE_FREERADIUS_CLIENT is not set
1390 # BR2_PACKAGE_GENSIO is not set
1391 # BR2_PACKAGE_GEOIP is not set
1392 -
1393 -#
1394 -# glib-networking needs a toolchain w/ wchar, threads, dynamic library
1395 -#
1396 +# BR2_PACKAGE_GLIB_NETWORKING is not set
1397
1398 #
1399 # grpc needs a toolchain w/ C++, threads, dynamic library, gcc >= 4.8
1400 #
1401 -
1402 -#
1403 -# gssdp needs a toolchain w/ wchar, threads
1404 -#
1405 -
1406 -#
1407 -# gupnp needs a toolchain w/ wchar, threads
1408 -#
1409 -
1410 -#
1411 -# gupnp-av needs a toolchain w/ wchar, threads
1412 -#
1413 -
1414 -#
1415 -# gupnp-dlna needs a toolchain w/ wchar, threads
1416 -#
1417 +# BR2_PACKAGE_GSSDP is not set
1418 +# BR2_PACKAGE_GUPNP is not set
1419 +# BR2_PACKAGE_GUPNP_AV is not set
1420 +# BR2_PACKAGE_GUPNP_DLNA is not set
1421
1422 #
1423 # ibrccommon needs a toolchain w/ C++, threads
1424 @@ -2424,10 +2145,7 @@
1425 # BR2_PACKAGE_LIBDNET is not set
1426 # BR2_PACKAGE_LIBEXOSIP2 is not set
1427 # BR2_PACKAGE_LIBFCGI is not set
1428 -
1429 -#
1430 -# libgsasl needs a toolchain w/ wchar
```

```
1431 -#
1432 +# BR2_PACKAGE_LIBGSASL is not set
1433 # BR2_PACKAGE_LIBHTP is not set
1434 # BR2_PACKAGE_LIBHTTTPARSER is not set
1435
1436 @@ -2465,10 +2183,7 @@
1437 # BR2_PACKAGE_LIBNETFILTER_QUEUE is not set
1438 # BR2_PACKAGE_LIBNFNETLINK is not set
1439 # BR2_PACKAGE_LIBNFTNL is not set
1440 -
1441 -#
1442 -# libnice needs a toolchain w/ wchar, threads, dynamic library
1443 -#
1444 +# BR2_PACKAGE_LIBNICE is not set
1445 # BR2_PACKAGE_LIBNL is not set
1446 # BR2_PACKAGE_LIBOAUTH is not set
1447 # BR2_PACKAGE_LIBOPING is not set
1448 @@ -2483,10 +2198,7 @@
1449 # BR2_PACKAGE_LIBSHAIRPLAY is not set
1450 # BR2_PACKAGE_LIBSHOUT is not set
1451 # BR2_PACKAGE_LIBSOCKETCAN is not set
1452 -
1453 -#
1454 -# libsoup needs a toolchain w/ wchar, threads
1455 -#
1456 +# BR2_PACKAGE_LIBSOUP is not set
1457 # BR2_PACKAGE_LIBSRTP is not set
1458 # BR2_PACKAGE_LIBSTROPHE is not set
1459 # BR2_PACKAGE_LIBTELNET is not set
1460 @@ -2522,30 +2234,18 @@
1461 #
1462 # norm needs a toolchain w/ C++, threads, dynamic library
1463 #
1464 -
1465 -#
1466 -# nss-myhostname needs a glibc toolchain
1467 -#
1468 -
1469 -#
1470 -# nss-pam-ldapd needs a glibc toolchain
1471 -#
1472 +# BR2_PACKAGE_NSS_MYHOSTNAME is not set
1473 +# BR2_PACKAGE_NSS_PAM_LDAPD is not set
1474
1475 #
1476 # omniORB needs a toolchain w/ C++, threads
1477 #
1478 -
1479 -#
1480 -# openldap needs a toolchain w/ wchar
1481 -#
1482 +# BR2_PACKAGE_OPENLDAP is not set
1483
1484 #
1485 # openmpi needs a toolchain w/ dynamic library, NPTL, wchar, C++
1486 #
1487 -
1488 -#
```

```
1489 -# openpgm needs a toolchain w/ wchar, threads
1490 -#
1491 +# BR2_PACKAGE_OPENPGM is not set
1492
1493 #
1494 # openzwave needs a toolchain w/ C++, dynamic library, NPTL, wchar
1495 @@ -2612,7 +2312,6 @@
1496 #
1497 # BR2_PACKAGE_APR is not set
1498 # BR2_PACKAGE_APR_UTIL is not set
1499 -# BR2_PACKAGE_ARGP_STANDALONE is not set
1500
1501 #
1502 # armadillo needs a toolchain w/ C++
1503 @@ -2671,14 +2370,8 @@
1504 #
1505 # eigen needs a toolchain w/ C++
1506 #
1507 -
1508 -#
1509 -# elfutils needs a uClibc or glibc toolchain w/ wchar, dynamic library
1510 -#
1511 -
1512 -#
1513 -# ell needs a toolchain w/ dynamic library, wchar, headers >= 4.12
1514 -#
1515 +# BR2_PACKAGE_ELFUTILS is not set
1516 +# BR2_PACKAGE_ELL is not set
1517 # BR2_PACKAGE_FFTW is not set
1518
1519 #
1520 @@ -2689,10 +2382,7 @@
1521 # flatbuffers needs a toolchain w/ C++, gcc >= 4.7
1522 #
1523 # BR2_PACKAGE_FLATCC is not set
1524 -
1525 -#
1526 -# gconf needs a toolchain w/ threads, wchar, dynamic library
1527 -#
1528 +# BR2_PACKAGE_GCONF is not set
1529
1530 #
1531 # gflags needs a toolchain w/ C++
1532 @@ -2714,10 +2404,6 @@
1533 #
1534 # gobject-introspection needs python3
1535 #
1536 -
1537 -#
1538 -# gobject-introspection needs a glibc toolchain, gcc >= 4.9
1539 -#
1540 # BR2_PACKAGE_GSL is not set
1541
1542 #
1543 @@ -2735,10 +2421,7 @@
1544 # BR2_PACKAGE_LIBAVL is not set
1545 # BR2_PACKAGE_LIBB64 is not set
1546 BR2_PACKAGE_LIBBSD_ARCH_SUPPORTS=y
```

```
1547 -
1548 -#
1549 -# libbsd needs a toolchain w/ threads, wchar
1550 -#
1551 +# BR2_PACKAGE_LIBBSD is not set
1552 # BR2_PACKAGE_LIBCAP is not set
1553 # BR2_PACKAGE_LIBCAP_NG is not set
1554
1555 @@ -2748,10 +2431,7 @@
1556 # BR2_PACKAGE_LIBCLC is not set
1557 # BR2_PACKAGE_LIBCOFI is not set
1558 # BR2_PACKAGE_LIBCORRECT is not set
1559 -
1560 -#
1561 -# libcroco needs a toolchain w/ wchar, threads
1562 -#
1563 +# BR2_PACKAGE_LIBCROCO is not set
1564
1565 #
1566 # libcrossguid needs a toolchain w/ C++, gcc >= 4.7
1567 @@ -2763,14 +2443,8 @@
1568 # BR2_PACKAGE_LIBEVDEV is not set
1569 # BR2_PACKAGE_LIBEVENT is not set
1570 # BR2_PACKAGE_LIBFFI is not set
1571 -
1572 -#
1573 -# libgee needs a toolchain w/ wchar, threads
1574 -#
1575 -
1576 -#
1577 -# libglib2 needs a toolchain w/ wchar, threads
1578 -#
1579 +# BR2_PACKAGE_LIBGEE is not set
1580 +# BR2_PACKAGE_LIBGLIB2 is not set
1581 # BR2_PACKAGE_LIBGLOB is not set
1582
1583 #
1584 @@ -2819,24 +2493,15 @@
1585 # BR2_PACKAGE_LIBURCU is not set
1586 # BR2_PACKAGE_LIBUV is not set
1587 # BR2_PACKAGE_LIGHTNING is not set
1588 -
1589 -#
1590 -# linux-pam needs a toolchain w/ wchar, locale, dynamic library
1591 -#
1592 -
1593 -#
1594 -# liquid-dsp requires a glibc or musl toolchain w/ dynamic library
1595 -#
1596 +# BR2_PACKAGE_LINUX_PAM is not set
1597 +# BR2_PACKAGE_LIQUID_DSP is not set
1598 BR2_PACKAGE_LLVM_ARCH_SUPPORTS=y
1599 BR2_PACKAGE_LLVM_TARGET_ARCH="ARM"
1600
1601 #
1602 # llvm needs a toolchain w/ wchar, threads, C++, gcc >= 4.8, dynamic
1603 library
1604 #
```

```
1604 -
1605 -#
1606 -# lttng-libust needs a toolchain w/ dynamic library, wchar, threads
1607 -#
1608 +# BR2_PACKAGE_LTTNG_LIBUST is not set
1609 # BR2_PACKAGE_MATIO is not set
1610 # BR2_PACKAGE_MPC is not set
1611 # BR2_PACKAGE_MPDECIMAL is not set
1612 @@ -2846,7 +2511,6 @@
1613 #
1614 # msgpack needs a toolchain w/ C++
1615 #
1616 -# BR2_PACKAGE_MUSL_FTS is not set
1617 BR2_PACKAGE_OPENBLAS_DEFAULT_TARGET="ARMV5"
1618 BR2_PACKAGE_OPENBLAS_ARCH_SUPPORTS=y
1619 # BR2_PACKAGE_OPENBLAS is not set
1620 @@ -2869,10 +2533,7 @@
1621 #
1622 # qhull needs a toolchain w/ C++, dynamic library, gcc >= 4.4
1623 #
1624 -
1625 -#
1626 -# qlibc needs a toolchain w/ threads, wchar, dynamic library
1627 -#
1628 +# BR2_PACKAGE_QLIBC is not set
1629
1630 #
1631 # riemann-c-client needs a toolchain w/ C++, threads
1632 @@ -2905,10 +2566,7 @@
1633 #
1634 # Text and terminal handling
1635 #
1636 -
1637 -#
1638 -# augeas needs a toolchain w/ wchar
1639 -#
1640 +# BR2_PACKAGE_AUGEAS is not set
1641
1642 #
1643 # enchant needs a toolchain w/ C++, threads, wchar
1644 @@ -2917,33 +2575,20 @@
1645 #
1646 # fmt needs a toolchain w/ C++, wchar
1647 #
1648 -
1649 -#
1650 -# fstrcmp needs a toolchain w/ wchar
1651 -#
1652 +# BR2_PACKAGE_FSTRCMP is not set
1653
1654 #
1655 # icu needs a toolchain w/ C++, wchar, threads, gcc >= 4.8
1656 #
1657 # BR2_PACKAGE_LIBCLI is not set
1658 -
1659 -#
1660 -# libedit needs a toolchain w/ wchar
1661 -#
```



```
1662  + # BR2_PACKAGE_LIBEDIT is not set
1663      # BR2_PACKAGE_LIBENCA is not set
1664      # BR2_PACKAGE_LIBESTR is not set
1665      # BR2_PACKAGE_LIBFRIBIDI is not set
1666  - # BR2_PACKAGE_LIBICONV is not set
1667  -
1668  - #
1669  - # libunistring needs a toolchain w/ wchar
1670  - #
1671  + # BR2_PACKAGE_LIBUNISTRING is not set
1672      # BR2_PACKAGE_LINENOISE is not set
1673      # BR2_PACKAGE_NCURSES is not set
1674  -
1675  - #
1676  - # newt needs a toolchain w/ wchar, dynamic library
1677  - #
1678  + # BR2_PACKAGE_NEWT is not set
1679      # BR2_PACKAGE_ONIGURUMA is not set
1680      # BR2_PACKAGE_PCRE is not set
1681      # BR2_PACKAGE_PCRE2 is not set
1682  @@ -2965,10 +2610,7 @@
1683      # BR2_PACKAGE_HEIRLOOM_MAILX is not set
1684      # BR2_PACKAGE_LIBESMTP is not set
1685      # BR2_PACKAGE_MSMTMP is not set
1686  -
1687  - #
1688  - # mutt needs a toolchain w/ wchar
1689  - #
1690  + # BR2_PACKAGE_MUTT is not set
1691
1692      #
1693      # Miscellaneous
1694  @@ -3004,10 +2646,7 @@
1695      #
1696      # gqrx needs qt5
1697      #
1698  -
1699  - #
1700  - # gsettings-desktop-schemas needs a toolchain w/ wchar, threads
1701  - #
1702  + # BR2_PACKAGE_GSETTINGS_DESKTOP_SCHEMAS is not set
1703      # BR2_PACKAGE_HAVEGED is not set
1704      # BR2_PACKAGE_LINUX_SYSCALL_SUPPORT is not set
1705      # BR2_PACKAGE_MCRYPT is not set
1706  @@ -3018,18 +2657,12 @@
1707      # proj needs a toolchain w/ C++, gcc >= 4.7, threads, wchar
1708      #
1709      BR2_PACKAGE_QEMU_ARCH_SUPPORTS_TARGET=y
1710  -
1711  - #
1712  - # QEMU requires a toolchain with wchar, threads
1713  - #
1714  + # BR2_PACKAGE_QEMU is not set
1715
1716      #
1717      # qpdf needs a toolchain w/ C++, wchar, gcc >= 4.7
1718      #
1719  -
```

```
1720 -#
1721 -# shared-mime-info needs a toolchain w/ wchar, threads
1722 -#
1723 +# BR2_PACKAGE_SHARED_MIME_INFO is not set
1724
1725 #
1726 # sunwait needs a toolchain w/ C++
1727 @@ -3056,7 +2689,7 @@
1728 #
1729 # asterisk needs a glibc or uClibc toolchain w/ C++, dynamic library,
1730 threads, wchar
1731 #
1732 -# BR2_PACKAGE_ATFTP is not set
1733 +BR2_PACKAGE_ATFTP=y
1734 # BR2_PACKAGE_AVAHI is not set
1735 # BR2_PACKAGE_AXEL is not set
1736 # BR2_PACKAGE_BABELD is not set
1737 @@ -3068,10 +2701,7 @@
1738 #
1739 # BR2_PACKAGE_BIND is not set
1740 # BR2_PACKAGE_BIRD is not set
1741 -
1742 -#
1743 -# bluez5-utils needs a toolchain w/ wchar, threads, headers >= 3.4,
1744 dynamic library
1745 -#
1746 +# BR2_PACKAGE_BLUEZ5_UTILS is not set
1747 # BR2_PACKAGE_BMON is not set
1748 # BR2_PACKAGE_BOA is not set
1749
1750 @@ -3089,10 +2719,7 @@
1751 #
1752 # BR2_PACKAGE_CHRONY is not set
1753 # BR2_PACKAGE_CIVETWEB is not set
1754 -
1755 -#
1756 -# connman needs a glibc or uClibc toolchain w/ wchar, threads, resolver,
1757 dynamic library
1758 -#
1759 +# BR2_PACKAGE_CONNMAN is not set
1760 #
1761 # connman-gtk needs libgtk3 and a glibc or uClibc toolchain w/ wchar,
1762 threads, resolver, dynamic library
1763 @@ -3125,7 +2752,8 @@
1764 #
1765 # ejabberd needs erlang, toolchain w/ C++
1766 #
1767 -# BR2_PACKAGE_ETHTOOL is not set
1768 +BR2_PACKAGE_ETHTOOL=y
1769 +BR2_PACKAGE_ETHTOOL_PRETTY_PRINT=y
1770 # BR2_PACKAGE_FAIFA is not set
1771 # BR2_PACKAGE_FASTD is not set
1772 # BR2_PACKAGE_FCGIWRAP is not set
1773 @@ -3139,10 +2767,7 @@
1774 #
1775 # gerbera needs a toolchain w/ C++, threads, gcc >= 7
1776 #
```

```
1774 -
1775 -#
1776 -# gesftpsrvr needs a toolchain w/ wchar, threads
1777 -#
1778 +# BR2_PACKAGE_GESFTPSERVER is not set
1779
1780 #
1781 # gloux needs a toolchain w/ C++
1782 @@ -3160,10 +2785,7 @@
1783 # BR2_PACKAGE_HAPROXY is not set
1784 # BR2_PACKAGE_HIAWATHA is not set
1785 # BR2_PACKAGE_HOSTAPD is not set
1786 -
1787 -#
1788 -# httping needs a toolchain w/ wchar
1789 -#
1790 +# BR2_PACKAGE_HTTPING is not set
1791
1792 #
1793 # i2pd needs a toolchain w/ C++, NPTL, wchar
1794 @@ -3179,15 +2801,12 @@
1795 # BR2_PACKAGE_IFMETRIC is not set
1796 # BR2_PACKAGE_IFTOP is not set
1797 BR2_PACKAGE_IFUPDOWN_SCRIPTS=y
1798 +# BR2_PACKAGE_IGD2_FOR_LINUX is not set
1799
1800 #
1801 -# igd2-for-linux needs a toolchain w/ threads, wchar
1802 -#
1803 -# BR2_PACKAGE_IGH_ETHERCAT is not set
1804 -
1805 -#
1806 -# igmpproxy needs a toolchain w/ wchar
1807 +# igh-ethercat needs a Linux kernel to be built
1808 #
1809 +# BR2_PACKAGE_IGMPPROXY is not set
1810 # BR2_PACKAGE_INADYN is not set
1811 # BR2_PACKAGE_IODINE is not set
1812
1813 @@ -3195,25 +2814,16 @@
1814 # iperf needs a toolchain w/ C++
1815 #
1816 # BR2_PACKAGE_IPERF3 is not set
1817 -# BR2_PACKAGE_IPROUTE2 is not set
1818 +BR2_PACKAGE_IPROUTE2=y
1819 # BR2_PACKAGE_IPSEC_TOOLS is not set
1820 # BR2_PACKAGE_IPSET is not set
1821 # BR2_PACKAGE_IPTABLES is not set
1822 # BR2_PACKAGE_IPTRAF_NG is not set
1823 # BR2_PACKAGE_IPUTILS is not set
1824 -
1825 -#
1826 -# irssi needs a toolchain w/ wchar, threads
1827 -#
1828 +# BR2_PACKAGE_IRSSI is not set
1829 # BR2_PACKAGE_IW is not set
1830 -
1831 -#
```

```
1832 -# iwd needs a toolchain w/ dynamic library, wchar, headers >= 4.12
1833 -#
1834 -
1835 -#
1836 -# janus-gateway needs a toolchain w/ dynamic library, threads, wchar
1837 -#
1838 +# BR2_PACKAGE_IWD is not set
1839 +# BR2_PACKAGE_JANUS_GATEWAY is not set
1840 # BR2_PACKAGE_KEEPAIVED is not set
1841
1842 #
1843 @@ -3245,16 +2855,10 @@
1844 # BR2_PACKAGE_MEMCACHED is not set
1845 # BR2_PACKAGE_MII_DIAG is not set
1846 # BR2_PACKAGE_MINI_SNMPD is not set
1847 -
1848 -#
1849 -# minidlina needs a toolchain w/ dynamic library, threads, wchar
1850 -#
1851 +# BR2_PACKAGE_MINIDLNA is not set
1852 # BR2_PACKAGE_MINISSDPD is not set
1853 # BR2_PACKAGE_MJPEG_STREAMER is not set
1854 -
1855 -#
1856 -# modemmanager needs a toolchain w/ wchar, threads
1857 -#
1858 +# BR2_PACKAGE_MODEM_MANAGER is not set
1859 BR2_PACKAGE_MONGREL2_LIBC_SUPPORTS=y
1860
1861 #
1862 @@ -3268,10 +2872,7 @@
1863 # BR2_PACKAGE_MOSQUITTO is not set
1864 # BR2_PACKAGE_MROUTED is not set
1865 # BR2_PACKAGE_MTR is not set
1866 -
1867 -#
1868 -# nbd needs a toolchain w/ wchar, threads
1869 -#
1870 +# BR2_PACKAGE_NBD is not set
1871 # BR2_PACKAGE_NCFTP is not set
1872 # BR2_PACKAGE_NDISC6 is not set
1873 # BR2_PACKAGE_NETATALK is not set
1874 @@ -3283,10 +2884,7 @@
1875 # NetworkManager needs udev /dev management and a glibc toolchain w/
1876 headers >= 3.2, dynamic library, wchar, threads
1877 #
1878 # BR2_PACKAGE_NFACCT is not set
1879 -
1880 -#
1881 -# nftables needs a toolchain w/ wchar, headers >= 3.12
1882 -#
1883 +# BR2_PACKAGE_NFTABLES is not set
1884 # BR2_PACKAGE_NGINX is not set
1885 # BR2_PACKAGE_NGIRC is not set
1886 # BR2_PACKAGE_NGREP is not set
1887 @@ -3330,10 +2928,7 @@
1888 # BR2_PACKAGE_PTPD is not set
1889 # BR2_PACKAGE_PTPD2 is not set
```

```
1889 # BR2_PACKAGE_PURE_FTPD is not set
1890 -
1891 -#
1892 -# putty needs a toolchain w/ wchar
1893 -#
1894 +# BR2_PACKAGE_PUTTY is not set
1895 # BR2_PACKAGE_QUAGGA is not set
1896
1897 #
1898 @@ -3350,12 +2945,10 @@
1899 # rtorrent needs a toolchain w/ C++, threads, wchar, gcc >= 4.9
1900 #
1901 # BR2_PACKAGE_RTPTOOLS is not set
1902 +# BR2_PACKAGE_RYGEL is not set
1903 # BR2_PACKAGE_S6_DNS is not set
1904 # BR2_PACKAGE_S6_NETWORKING is not set
1905 -
1906 -#
1907 -# samba4 needs a uClibc or glibc toolchain w/ wchar, dynamic library,
1908 NPTL
1909 -#
1910 +# BR2_PACKAGE_SAMBA4 is not set
1911
1912 #
1913 # sconnserver needs a toolchain with dynamic library, C++, NPTL
1914 @@ -3369,16 +2962,10 @@
1915 # BR2_PACKAGE_SHELLINABOX is not set
1916 # BR2_PACKAGE_SMCROUTE is not set
1917 # BR2_PACKAGE_SNGREP is not set
1918 -
1919 -#
1920 -# snort needs a toolchain w/ wchar, threads, dynamic library
1921 -#
1922 +# BR2_PACKAGE_SNORT is not set
1923 # BR2_PACKAGE_SOCAT is not set
1924 # BR2_PACKAGE_SOCKETCAND is not set
1925 -
1926 -#
1927 -# softether needs a toolchain w/ wchar, threads
1928 -#
1929 +# BR2_PACKAGE_SOFTETHER is not set
1930 # BR2_PACKAGE_SPAWN_FCGI is not set
1931 # BR2_PACKAGE_SPIICE_PROTOCOL is not set
1932
1933 @@ -3393,20 +2980,14 @@
1934 #
1935 # BR2_PACKAGE_STRONGSWAN is not set
1936 # BR2_PACKAGE_STUNNEL is not set
1937 -
1938 -#
1939 -# suricata needs a toolchain w/ wchar, threads
1940 -#
1941 +# BR2_PACKAGE_SURICATA is not set
1942 # BR2_PACKAGE_TCPDUMP is not set
1943 # BR2_PACKAGE_TCPING is not set
1944 # BR2_PACKAGE_TCPREPLAY is not set
1945 # BR2_PACKAGE_THTTPD is not set
1946 # BR2_PACKAGE_TINC is not set
```

```
1946 # BR2_PACKAGE_TINYHTTPD is not set
1947 -
1948 -#
1949 -# tinyproxy needs a toolchain w/ threads, wchar
1950 -#
1951 +# BR2_PACKAGE_TINYPROXY is not set
1952 # BR2_PACKAGE_TINYSSH is not set
1953 # BR2_PACKAGE_TOR is not set
1954 # BR2_PACKAGE_TRACEROUTE is not set
1955 @@ -3415,47 +2996,34 @@
1956 # BR2_PACKAGE_TVHEADEND is not set
1957 # BR2_PACKAGE_UACME is not set
1958 # BR2_PACKAGE_UDPCAST is not set
1959 -
1960 -#
1961 -# uftp needs a toolchain w/ threads, wchar
1962 -#
1963 +# BR2_PACKAGE_UFTP is not set
1964 # BR2_PACKAGE_UHTTPD is not set
1965 # BR2_PACKAGE_ULONGD is not set
1966 # BR2_PACKAGE_UNBOUND is not set
1967 # BR2_PACKAGE_USHARE is not set
1968 -
1969 -#
1970 -# ussp-push needs a toolchain w/ wchar, threads, dynamic library,
    headers >= 3.4
1971 -#
1972 +# BR2_PACKAGE_USSP_PUSH is not set
1973 # BR2_PACKAGE_VDE2 is not set
1974
1975 #
1976 # vdr needs a glibc toolchain w/ C++, dynamic library, NPTL, wchar,
    headers >= 3.9
1977 #
1978 -
1979 -#
1980 -# vnstat needs a toolchain w/ wchar
1981 -#
1982 -
1983 -#
1984 -# vpnc needs a toolchain w/ wchar, dynamic library
1985 -#
1986 +# BR2_PACKAGE_VNSTAT is not set
1987 +# BR2_PACKAGE_VPNC is not set
1988 # BR2_PACKAGE_VSFTPD is not set
1989 # BR2_PACKAGE_VTUN is not set
1990 # BR2_PACKAGE_WAVEMON is not set
1991 -# BR2_PACKAGE_WIREGUARD_LINUX_COMPAT is not set
1992 # BR2_PACKAGE_WIREGUARD_TOOLS is not set
1993 # BR2_PACKAGE_WIRELESS_REGDB is not set
1994 # BR2_PACKAGE_WIRELESS_TOOLS is not set
1995 -
1996 -#
1997 -# wireshark needs a toolchain w/ wchar, threads, dynamic library
1998 -#
1999 +# BR2_PACKAGE_WIRESHARK is not set
2000 # BR2_PACKAGE_WPA_SUPPLICANT is not set
2001 # BR2_PACKAGE_WPAN_TOOLS is not set
```

```
2002 # BR2_PACKAGE_XINETD is not set
2003 # BR2_PACKAGE_XL2TP is not set
2004 -# BR2_PACKAGE_XTABLES_ADDONS is not set
2005 +
2006 +#
2007 +# xtables-addons needs a Linux kernel to be built
2008 +#
2009
2010 #
2011 # znc needs a toolchain w/ C++, dynamic library, gcc >= 4.8, threads
2012 @@ -3508,10 +3076,7 @@
2013 #
2014 # -----
2015 #
2016 -
2017 -#
2018 -# opkg needs a toolchain w/ wchar
2019 -#
2020 +# BR2_PACKAGE_OPKG is not set
2021
2022 #
2023 # Real-Time
2024 @@ -3530,21 +3095,13 @@
2025 # BR2_PACKAGE_IMA_EVM_UTILS is not set
2026 # BR2_PACKAGE_OPTEE_BENCHMARK is not set
2027 # BR2_PACKAGE_OPTEE_CLIENT is not set
2028 -
2029 -#
2030 -# paxtest needs a glibc toolchain
2031 -#
2032 +# BR2_PACKAGE_PAXTEST is not set
2033 # BR2_PACKAGE_POLICYCOREUTILS is not set
2034 # BR2_PACKAGE_REFPOLICY is not set
2035 -
2036 -#
2037 -# restorecond needs a toolchain w/ wchar, threads, dynamic library
2038 -#
2039 -
2040 -#
2041 -# selinux-python packages needs a toolchain w/ wchar, threads, dynamic
  library
2042 -#
2043 +# BR2_PACKAGE_RESTORECOND is not set
2044 +# BR2_PACKAGE_SELINUX_PYTHON is not set
2045 # BR2_PACKAGE_SEMODULE_UTILS is not set
2046 +# BR2_PACKAGE_SETTOOLS is not set
2047
2048 #
2049 # setools needs a toolchain w/ threads, C++, wchar, dynamic library
2050 @@ -3573,25 +3130,16 @@
2051 # BR2_PACKAGE_GNUPG2 is not set
2052 # BR2_PACKAGE_INOTIFY_TOOLS is not set
2053 # BR2_PACKAGE_LOCKFILE_PROGS is not set
2054 -
2055 -#
2056 -# logrotate needs a toolchain w/ wchar
2057 -#
2058 +# BR2_PACKAGE_LOGROTATE is not set
```

```
2059 # BR2_PACKAGE_LOGSURFER is not set
2060 # BR2_PACKAGE_PDMENU is not set
2061 # BR2_PACKAGE_PINENTRY is not set
2062 -
2063 -#
2064 -# ranger needs a toolchain w/ wchar, threads, dynamic library
2065 -#
2066 +# BR2_PACKAGE_RANGER is not set
2067 # BR2_PACKAGE_RTTY is not set
2068 # BR2_PACKAGE_SCREEN is not set
2069 # BR2_PACKAGE_SUDO is not set
2070 # BR2_PACKAGE_TINI is not set
2071 -
2072 -#
2073 -# tmux needs a toolchain w/ wchar, locale
2074 -#
2075 +# BR2_PACKAGE_TMUX is not set
2076 # BR2_PACKAGE_XMLSTARLET is not set
2077 # BR2_PACKAGE_XXHASH is not set
2078 # BR2_PACKAGE_YTREE is not set
2079 @@ -3623,19 +3171,16 @@
2080 #
2081 # docker-compose needs a toolchain w/ C++, wchar, threads, dynamic
library
2082 #
2083 -
2084 -#
2085 -# docker-containerd needs a glibc or musl toolchain w/ threads
2086 -#
2087 -
2088 -#
2089 -# docker-engine needs a glibc or musl toolchain w/ threads
2090 -#
2091 +# BR2_PACKAGE_DOCKER_CONTAINERD is not set
2092 +# BR2_PACKAGE_DOCKER_ENGINE is not set
2093 # BR2_PACKAGE_DOCKER_PROXY is not set
2094 # BR2_PACKAGE_EFIBOOTMGR is not set
2095 BR2_PACKAGE_EFIVAR_ARCH_SUPPORTS=y
2096 # BR2_PACKAGE_EFIVAR is not set
2097 -# BR2_PACKAGE_EMLOG is not set
2098 +
2099 +#
2100 +# emlog needs a Linux kernel to be built
2101 +#
2102 # BR2_PACKAGE_FTOP is not set
2103 # BR2_PACKAGE_GETENT is not set
2104 # BR2_PACKAGE_HTOP is not set
2105 @@ -3646,20 +3191,12 @@
2106 # iotop depends on python or python3
2107 #
2108 # BR2_PACKAGE_IPRUTILS is not set
2109 -
2110 -#
2111 -# irqbalance needs a toolchain w/ wchar, threads
2112 -#
2113 +# BR2_PACKAGE_IRQBALANCE is not set
2114 # BR2_PACKAGE_KEYUTILS is not set
2115 # BR2_PACKAGE_KMOD is not set
```



```
2116 -
2117 -#
2118 -# kvmtool needs a glibc or musl toolchain w/ dynamic library
2119 -#
2120 -
2121 -#
2122 -# libostree needs a uclibc or glibc toolchain w/ threads, dynamic
    library, wchar
2123 -#
2124 +# BR2_PACKAGE_KVMTOOL is not set
2125 +# BR2_PACKAGE_LIBOSTREE is not set
2126 +# BR2_PACKAGE_LXC is not set
2127 # BR2_PACKAGE_MENDER is not set
2128 # BR2_PACKAGE_MFOC is not set
2129 # BR2_PACKAGE_MONIT is not set
2130 @@ -3682,15 +3219,10 @@
2131 #
2132 # BR2_PACKAGE_PROCRANK_LINUX is not set
2133 # BR2_PACKAGE_PWGEN is not set
2134 -
2135 -#
2136 -# quota needs a toolchain w/ wchar, threads
2137 -#
2138 +# BR2_PACKAGE_QUOTA is not set
2139 # BR2_PACKAGE_QUOTATOOL is not set
2140 -
2141 -#
2142 -# rauc needs a toolchain w/ wchar, threads
2143 -#
2144 +# BR2_PACKAGE_RAUC is not set
2145 +# BR2_PACKAGE_RUNC is not set
2146 # BR2_PACKAGE_S6 is not set
2147 # BR2_PACKAGE_S6_LINUX_INIT is not set
2148 # BR2_PACKAGE_S6_LINUX_UTILS is not set
2149 @@ -3711,21 +3243,12 @@
2150 BR2_PACKAGE_SYSTEMD_ARCH_SUPPORTS=y
2151 BR2_PACKAGE_SYSTEMD_BOOTCHART_ARCH_SUPPORTS=y
2152 # BR2_PACKAGE_TPM_TOOLS is not set
2153 -
2154 -#
2155 -# tpm2-abrmd needs a toolchain w/ dynamic library, wchar, threads
2156 -#
2157 +# BR2_PACKAGE_TPM2_ABRMD is not set
2158 # BR2_PACKAGE_TPM2_TOOLS is not set
2159 # BR2_PACKAGE_TPM2_TOTP is not set
2160 -
2161 -#
2162 -# unsd needs a glibc toolchain
2163 -#
2164 +# BR2_PACKAGE_UNSCD is not set
2165 # BR2_PACKAGE_UTIL_LINUX is not set
2166 -
2167 -#
2168 -# xdg-dbus-proxy needs a toolchain w/ wchar, threads
2169 -#
2170 +# BR2_PACKAGE_XDG_DBUS_PROXY is not set
2171 BR2_PACKAGE_XVISOR_ARCH_SUPPORTS=y
2172 # BR2_PACKAGE_XVISOR is not set
```

```
2173
2174 @@ -3734,15 +3257,9 @@
2175 #
2176 # BR2_PACKAGE_ED is not set
2177 # BR2_PACKAGE_JOE is not set
2178 -
2179 -#
2180 -# mc needs a toolchain w/ threads, wchar
2181 -#
2182 +# BR2_PACKAGE_MC is not set
2183 # BR2_PACKAGE_MOST is not set
2184 -
2185 -#
2186 -# nano needs a toolchain w/ wchar
2187 -#
2188 +# BR2_PACKAGE_NANO is not set
2189 # BR2_PACKAGE_UEMACS is not set
2190
2191 #
2192 @@ -3774,7 +3291,10 @@
2193 # BR2_TARGET_ROOTFS_EXT2_LZO is not set
2194 # BR2_TARGET_ROOTFS_EXT2_XZ is not set
2195 # BR2_TARGET_ROOTFS_F2FS is not set
2196 -# BR2_TARGET_ROOTFS_INITRAMFS is not set
2197 +
2198 +#
2199 +# initramfs needs a Linux kernel to be built
2200 +#
2201 # BR2_TARGET_ROOTFS_JFFS2 is not set
2202 # BR2_TARGET_ROOTFS_ROMFS is not set
2203 # BR2_TARGET_ROOTFS_SQUASHFS is not set
2204 @@ -3800,58 +3320,11 @@
2205 # BR2_TARGET_AT91DATAFLASHBOOT is not set
2206 # BR2_TARGET_BAREBOX is not set
2207 BR2_TARGET_GRUB2_ARCH_SUPPORTS=y
2208 -
2209 -#
2210 -# grub2 needs a toolchain w/ wchar
2211 -#
2212 +# BR2_TARGET_GRUB2 is not set
2213 # BR2_TARGET_LPC32XXCDL is not set
2214 # BR2_TARGET_MXS_BOOTLETS is not set
2215 # BR2_TARGET_S500_BOOTLOADER is not set
2216 -BR2_TARGET_UBOOT=y
2217 -# BR2_TARGET_UBOOT_BUILD_SYSTEM_KCONFIG is not set
2218 -BR2_TARGET_UBOOT_BUILD_SYSTEM_LEGACY=y
2219 -BR2_TARGET_UBOOT_BOARDNAME="mx28evk"
2220 -# BR2_TARGET_UBOOT_LATEST_VERSION is not set
2221 -BR2_TARGET_UBOOT_CUSTOM_VERSION=y
2222 -# BR2_TARGET_UBOOT_CUSTOM_TARBALL is not set
2223 -# BR2_TARGET_UBOOT_CUSTOM_GIT is not set
2224 -# BR2_TARGET_UBOOT_CUSTOM_HG is not set
2225 -# BR2_TARGET_UBOOT_CUSTOM_SVN is not set
2226 -BR2_TARGET_UBOOT_CUSTOM_VERSION_VALUE="2020.04"
2227 -BR2_TARGET_UBOOT_VERSION="2020.04"
2228 -BR2_TARGET_UBOOT_PATCH=""
2229 -# BR2_TARGET_UBOOT_NEEDS_DTC is not set
2230 -BR2_TARGET_UBOOT_NEEDS_PYTHON_NONE=y
```

```
2231 -# BR2_TARGET_UBOOT_NEEDS_PYTHON2 is not set
2232 -# BR2_TARGET_UBOOT_NEEDS_PYTHON3 is not set
2233 -# BR2_TARGET_UBOOT_NEEDS_PYLIBFDT is not set
2234 -# BR2_TARGET_UBOOT_NEEDS_PYELFTOOLS is not set
2235 -# BR2_TARGET_UBOOT_NEEDS_OPENSSL is not set
2236 -# BR2_TARGET_UBOOT_NEEDS_LZOP is not set
2237 -
2238 -#
2239 -# U-Boot binary format
2240 -#
2241 -# BR2_TARGET_UBOOT_FORMAT_AIS is not set
2242 -BR2_TARGET_UBOOT_FORMAT_BIN=y
2243 -# BR2_TARGET_UBOOT_FORMAT_DTB_BIN is not set
2244 -# BR2_TARGET_UBOOT_FORMAT_DTB_IMG is not set
2245 -# BR2_TARGET_UBOOT_FORMAT_DTB_IMX is not set
2246 -# BR2_TARGET_UBOOT_FORMAT_IMG is not set
2247 -# BR2_TARGET_UBOOT_FORMAT_ITB is not set
2248 -# BR2_TARGET_UBOOT_FORMAT_IMX is not set
2249 -# BR2_TARGET_UBOOT_FORMAT_NAND_BIN is not set
2250 -# BR2_TARGET_UBOOT_FORMAT_KWB is not set
2251 -# BR2_TARGET_UBOOT_FORMAT_ELF is not set
2252 -# BR2_TARGET_UBOOT_FORMAT_SB is not set
2253 -BR2_TARGET_UBOOT_FORMAT_SD=y
2254 -# BR2_TARGET_UBOOT_FORMAT_NAND is not set
2255 -# BR2_TARGET_UBOOT_FORMAT_CUSTOM is not set
2256 -# BR2_TARGET_UBOOT_OMAP_IPT is not set
2257 -# BR2_TARGET_UBOOT_SPL is not set
2258 -# BR2_TARGET_UBOOT_ENVIMAGE is not set
2259 -# BR2_TARGET_UBOOT_BOOT_SCRIPT is not set
2260 -BR2_TARGET_UBOOT_CUSTOM_MAKEOPTS=""
2261 +# BR2_TARGET_UBOOT is not set
2262
2263 #
2264 # Host utilities
2265 @@ -3901,7 +3374,7 @@
2266 # BR2_PACKAGE_HOST_LTTNG_BABELTRACE is not set
2267 # BR2_PACKAGE_HOST_MENDER_ARTIFACT is not set
2268 # BR2_PACKAGE_HOST_MFGTOOLS is not set
2269 -# BR2_PACKAGE_HOST_MKPASSWD is not set
2270 +BR2_PACKAGE_HOST_MKPASSWD=y
2271 # BR2_PACKAGE_HOST_MTD is not set
2272 BR2_PACKAGE_HOST_MTOOLS=y
2273 # BR2_PACKAGE_HOST_MXSLDR is not set
2274 @@ -4075,6 +3548,7 @@
2275 # BR2_PACKAGE_BOOST_SIGNALS is not set
2276 # BR2_PACKAGE_FFTW_PRECISION_SINGLE is not set
2277 # BR2_PACKAGE_FFTW_PRECISION_DOUBLE is not set
2278 +# BR2_PACKAGE_FFTW_PRECISION_LONG_DOUBLE is not set
2279 # BR2_PACKAGE_LUA_5_2 is not set
2280 # BR2_TARGET_GENERIC_PASSWD_MD5 is not set
2281
2282 @@ -4338,9 +3812,6 @@
2283 # BR2_GCC_VERSION_4_7_X is not set
2284 # BR2_BINUTILS_VERSION_2_24_X is not set
2285 # BR2_PACKAGE_WESTON_RPI is not set
2286 -# BR2_LINUX_KERNEL_TOOL_CPUPOWER is not set
2287 -# BR2_LINUX_KERNEL_TOOL_PERF is not set
2288 -# BR2_LINUX_KERNEL_TOOL_SELFTESTS is not set
```

```
2289 # BR2_GCC_VERSION_4_8_ARC is not set
2290 # BR2_KERNEL_HEADERS_4_0 is not set
2291 # BR2_KERNEL_HEADERS_3_19 is not set
```