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Source file: NOTICE.xml.gz
File-name entries: 5908
License text entries: 451
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## [1/451] Notice ID: 35cec5bf04dd0820d0a18533ea7c774a

**Referenced files/modules (0):**
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## [2/451] Notice ID: 4b8801e752a2c70ac41a5f9aa243f766

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC.  Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team.  In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation.  In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition).  Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---|---|---|---|---|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2 and above | 2.1.1 | 2001-now | PSF | yes |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
    because its license has a choice of law clause.  According to
    CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
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Thanks to the many outside volunteers who have worked under Guido's
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## [3/451] Notice ID: 1836efb2eb779966696f473ee8540542

**Referenced files/modules (56):**

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2. atomic_v_0.5.1: //system/etc/linker.config.pb
3. bitflags_v_1.3.2: //system/etc/linker.config.pb
4. cexpr_v_0.6.0: //system/etc/linker.config.pb
5. cfg-if_v_1.0.0: //system/etc/linker.config.pb
6. cxx_v_36d9ac1fab726e14305ce1919ebf8a3d64949d30: //system/etc/linker.config.pb
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37. thiserror-impl_v_1.0.38: //system/etc/linker.config.pb
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42. bitflags_v_1.3.2: //system/lib64/libbitflags.dylib.so
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54. socket2_v_0.4.7: //system/lib64/libsocket2.dylib.so
55. thiserror_v_1.0.38: //system/lib64/libthiserror.dylib.so
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## [4/451] Notice ID: 95dde04367161bbc19593de4dd85b9fb

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## [5/451] Notice ID: 034e2d49ef70c35b64be514bef39415a

**Referenced files/modules (5):**
1. aho-corasick_v_0.7.20: //system/etc/linker.config.pb
2. byteorder_v_1.4.3: //system/etc/linker.config.pb
3. memchr_v_2.4.1: //system/etc/linker.config.pb
4. byteorder_v_1.4.3: //system/lib64/libbyteorder.dylib.so
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## [8/451] Notice ID: 34c1031a4f64ccf40c0b6ad2b63fe86c

**Referenced files/modules (2):**
1. Android IMS: //system/etc/linker.config.pb
2. Android IMS: //system/framework/ims-common.jar

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## [9/451] Notice ID: 509c278671f942288c13a1b85ced1f8f

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2. Android Neural Networks API Runtime: //system/lib/libneuralnetworks_packageinfo.so
3. Android Neural Networks API Runtime: //system/lib64/libneuralnetworks_packageinfo.so

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2. Android: //system/bin/disable-verity
3. Android: //system/bin/enable-verity
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## [14/451] Notice ID: f0bc6c4ca565ae68c13283f1e952e0af

**Referenced files/modules (7):**
1. Android: //system/etc/linker.config.pb
2. Android: //system/lib/libOpenMAXAL.so
3. Android: //system/lib/libOpenSLES.so
4. Android: //system/lib/libwilhelm.so
5. Android: //system/lib64/libOpenMAXAL.so
6. Android: //system/lib64/libOpenSLES.so
7. Android: //system/lib64/libwilhelm.so

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## [16/451] Notice ID: f8e75e6d068e0fa91d27572a57179a40

**Referenced files/modules (47):**
1. android_arm64_armv8-a_cortex-a55: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
2. android_arm64_armv8-a_cortex-a55: //system/app/NfcNci/lib/arm64/libnfc_nci_jni.so
3. android_arm64_armv8-a_cortex-a55: //system/app/PrintSpooler/lib/arm64/libprintspooler_jni.so
4. android_arm64_armv8-a_cortex-a55: //system/etc/linker.config.pb
5. android_arm64_armv8-a_cortex-a55_cfi: //system/etc/linker.config.pb
6. android_arm64_armv8-a_cortex-a55_hwasan: //system/etc/linker.config.pb
7. android_arm64_armv8-a_cortex-a55_shared_29: //system/etc/linker.config.pb
8. android_arm64_armv8-a_cortex-a55_shared_30: //system/etc/linker.config.pb
9. android_arm64_armv8-a_cortex-a55_shared_current: //system/etc/linker.config.pb
10. android_arm64_armv8-a_cortex-a55_static: //system/etc/linker.config.pb
11. android_arm64_armv8-a_cortex-a55_static_hwasan: //system/etc/linker.config.pb
12. android_arm64_armv8-a_cortex-a55_static_lto-thin: //system/etc/linker.config.pb
13. android_arm_armv8-2a_cortex-a55: //system/etc/linker.config.pb
14. android_arm_armv8-2a_cortex-a55_cfi: //system/etc/linker.config.pb
15. android_arm_armv8-2a_cortex-a55_shared_29: //system/etc/linker.config.pb
16. android_arm_armv8-2a_cortex-a55_shared_30: //system/etc/linker.config.pb
17. android_arm_armv8-2a_cortex-a55_shared_current: //system/etc/linker.config.pb
18. android_arm_armv8-2a_cortex-a55_static: //system/etc/linker.config.pb
19. android_arm_armv8-2a_cortex-a55_static_lto-thin: //system/etc/linker.config.pb
20. generate_app_zygote_blocklist: //system/etc/linker.config.pb
21. generated_android_ids: //system/etc/linker.config.pb
22. kernel_input_headers: //system/etc/linker.config.pb
23. libc.arm.map: //system/etc/linker.config.pb
24. libc.arm64.map: //system/etc/linker.config.pb
25. libc.bootstrap: //system/etc/linker.config.pb
26. libc.bootstrap_32: //system/etc/linker.config.pb
27. libc_hwasan: //system/etc/linker.config.pb
28. libc_sources_shared: //system/etc/linker.config.pb
29. libc_sources_shared_arm: //system/etc/linker.config.pb
30. libc_sources_static: //system/etc/linker.config.pb
31. libstdc++: //system/etc/linker.config.pb
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34. libstdc++_32: //system/etc/linker.config.pb
35. seccomp_syscalls_sources_app: //system/etc/linker.config.pb
36. seccomp_syscalls_sources_system: //system/etc/linker.config.pb
37. seccomp_syscalls_sources_zygote: //system/etc/linker.config.pb
38. syscalls-arm: //system/etc/linker.config.pb
39. syscalls-arm64: //system/etc/linker.config.pb
40. libc.bootstrap_32: //system/lib/bootstrap/libc.so
41. libc.bootstrap_32: //system/lib/libc.so
42. libstdc++_32: //system/lib/libstdc++.so
43. libc_hwasan: //system/lib64/bootstrap/hwasan/libc.so
44. libc.bootstrap: //system/lib64/bootstrap/libc.so
45. libc_hwasan: //system/lib64/hwasan/libc.so
46. libc.bootstrap: //system/lib64/libc.so
47. libstdc++: //system/lib64/libstdc++.so

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Theo de Raadt <deraadt@openbsd.org> came up with the idea of using
such a mathematical system to generate more random (yet non-repeating)
ids to solve the resolver/named problem.  But Niels designed the
actual system based on the constraints.

Later modified by Damien Miller to wrap the LCG output in a 15-bit
permutation generator based on a Luby-Rackoff block cipher. This
ensures the output is non-repeating and preserves the MSB twiddle
trick, but makes it more resistant to LCG prediction.

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## [17/451] Notice ID: 5f612de5825c29cc378cd31a12731a9e

**Referenced files/modules (21):**
1. android_arm64_armv8-a_cortex-a55_shared_29: //system/etc/linker.config.pb
2. android_arm64_armv8-a_cortex-a55_shared_current: //system/etc/linker.config.pb
3. android_arm64_armv8-a_cortex-a55_static: //system/etc/linker.config.pb
4. android_arm_armv8-2a_cortex-a55_shared_29: //system/etc/linker.config.pb
5. android_arm_armv8-2a_cortex-a55_shared_current: //system/etc/linker.config.pb
6. android_arm_armv8-2a_cortex-a55_static: //system/etc/linker.config.pb
7. libdl.arm.map: //system/etc/linker.config.pb
8. libdl.arm64.map: //system/etc/linker.config.pb
9. libdl.bootstrap: //system/etc/linker.config.pb
10. libdl.bootstrap_32: //system/etc/linker.config.pb
11. libdl_android.bootstrap: //system/etc/linker.config.pb
12. libdl_android.bootstrap_32: //system/etc/linker.config.pb
13. prebuilts/runtime/mainline/runtime/sdk: //system/etc/linker.config.pb
14. libdl.bootstrap_32: //system/lib/bootstrap/libdl.so
15. libdl_android.bootstrap_32: //system/lib/bootstrap/libdl_android.so
16. libdl.bootstrap_32: //system/lib/libdl.so
17. libdl_android.bootstrap_32: //system/lib/libdl_android.so
18. libdl.bootstrap: //system/lib64/bootstrap/libdl.so
19. libdl_android.bootstrap: //system/lib64/bootstrap/libdl_android.so
20. libdl.bootstrap: //system/lib64/libdl.so
21. libdl_android.bootstrap: //system/lib64/libdl_android.so

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## [18/451] Notice ID: c10dbafe9de935eac0222f548c65a80d

**Referenced files/modules (14):**
1. android_arm64_armv8-a_cortex-a55_shared_29: //system/etc/linker.config.pb
2. android_arm64_armv8-a_cortex-a55_shared_current: //system/etc/linker.config.pb
3. android_arm64_armv8-a_cortex-a55_static: //system/etc/linker.config.pb
4. android_arm_armv8-2a_cortex-a55_shared_29: //system/etc/linker.config.pb
5. android_arm_armv8-2a_cortex-a55_shared_current: //system/etc/linker.config.pb
6. android_arm_armv8-2a_cortex-a55_static: //system/etc/linker.config.pb
7. libm.arm.map: //system/etc/linker.config.pb
8. libm.arm64.map: //system/etc/linker.config.pb
9. libm.bootstrap: //system/etc/linker.config.pb
10. libm.bootstrap_32: //system/etc/linker.config.pb
11. libm.bootstrap_32: //system/lib/bootstrap/libm.so
12. libm.bootstrap_32: //system/lib/libm.so
13. libm.bootstrap: //system/lib64/bootstrap/libm.so
14. libm.bootstrap: //system/lib64/libm.so

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s_sin.c and s_cos.c merged by Steven G. Kargl.  Descriptions of the
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The argument reduction and testing for exceptional cases was
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## [19/451] Notice ID: 74cffb554c4654be54d9820935a2f94b

**Referenced files/modules (122):**

1. android_common: //system/etc/linker.config.pb
2. android_common_apex31: //system/etc/linker.config.pb
3. art/current/sdk: //system/etc/linker.config.pb
4. core-luni-resources: //system/etc/linker.config.pb
5. core-ojluni-resources: //system/etc/linker.config.pb
6. core_libart_api_files: //system/etc/linker.config.pb
7. core_libart_java_files: //system/etc/linker.config.pb
8. core_oj_api_files: //system/etc/linker.config.pb
9. core_oj_java_files: //system/etc/linker.config.pb
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11. known-oj-tags: //system/etc/linker.config.pb
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17. non_openjdk_javadoc_luni_files: //system/etc/linker.config.pb
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19. ojluni-annotated-mmodule-stubs: //system/etc/linker.config.pb
20. ojluni-annotated-sdk-stubs: //system/etc/linker.config.pb
21. openjdk_internal_files: //system/etc/linker.config.pb
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27. visible_api_surface_annotation_files: //system/etc/linker.config.pb
28. android_common: //system/framework/android.test.base.jar
29. art/current/sdk: //system/framework/android.test.base.jar
30. core_libart_api_files: //system/framework/android.test.base.jar
31. core_oj_api_files: //system/framework/android.test.base.jar
32. hidden_api_surface_annotation_files: //system/framework/android.test.base.jar
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121. openjdk_mmodule_extra_files: //system/framework/oat/arm64/android.test.base.vdex
122. visible_api_surface_annotation_files: //system/framework/oat/arm64/android.test.base.vdex

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 ******************************************************************************
*   file name:  UBiDiProps.java
*   encoding:   US-ASCII
*   tab size:   8 (not used)
*   indentation:4
*
*   created on: 2005jan16
*   created by: Markus W. Scherer
*
*   Low-level Unicode bidi/shaping properties access.
*   Java port of ubidi_props.h/.c.

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#********************************************************************************

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http://oss.software.ibm.com/cvs/icu/icu/source/data/locales/vi.txt?rev=1.38

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## [20/451] Notice ID: 96f3f6e5085d7ec8eba5fcff553dfb9b

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2. android_common_apex31: //system/etc/linker.config.pb
3. art/current/sdk: //system/etc/linker.config.pb
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49. non_openjdk_javadoc_xml_files: //system/framework/oat/arm/android.test.base.odex
50. ojluni-annotated-mmodule-stubs: //system/framework/oat/arm/android.test.base.odex
51. ojluni-annotated-sdk-stubs: //system/framework/oat/arm/android.test.base.odex
52. visible_api_surface_annotation_files: //system/framework/oat/arm/android.test.base.odex
53. android_common: //system/framework/oat/arm/android.test.base.vdex

54. art/current/sdk: //system/framework/oat/arm/android.test.base.vdex
55. core_libart_api_files: //system/framework/oat/arm/android.test.base.vdex
56. core_oj_api_files: //system/framework/oat/arm/android.test.base.vdex
57. hidden_api_surface_annotation_files: //system/framework/oat/arm/android.test.base.vdex
58. known-oj-tags: //system/framework/oat/arm/android.test.base.vdex
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66. ojluni-annotated-sdk-stubs: //system/framework/oat/arm/android.test.base.vdex
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95. ojluni-annotated-mmodule-stubs: //system/framework/oat/arm64/android.test.base.vdex
96. ojluni-annotated-sdk-stubs: //system/framework/oat/arm64/android.test.base.vdex
97. visible_api_surface_annotation_files: //system/framework/oat/arm64/android.test.base.vdex

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## [21/451] Notice ID: 45684f288b14c12399f93cfe3157c8b1

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1. android_log-sys_v_0.2.0: //system/etc/linker.config.pb
2. android_log-sys_v_0.2.0: //system/lib64/libandroid_log_sys.dylib.so

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## [22/451] Notice ID: cd33cd6fe9742d0ae547531313c41080

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1. android_log-sys_v_0.2.0: //system/etc/linker.config.pb
2. android_log-sys_v_0.2.0: //system/lib64/libandroid_log_sys.dylib.so

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## [23/451] Notice ID: 09d1c5ac4d1e6440af27f178fde0d2ae

**Referenced files/modules (2):**
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2. android_logger_v_0.12.0: //system/lib64/libandroid_logger.dylib.so

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## [25/451] Notice ID: 22a53954e4e0ec258dfce4391e905dac

**Referenced files/modules (11):**

1. anyhow_v_1.0.69: //system/etc/linker.config.pb
2. async-trait_v_0.1.64: //system/etc/linker.config.pb
3. libc_v_0.2.139: //system/etc/linker.config.pb
4. proc-macro2_v_1.0.54: //system/etc/linker.config.pb
5. ryu_v_1.0.13: //system/etc/linker.config.pb
6. serde_json_v_1.0.93: //system/etc/linker.config.pb
7. unicode-ident_v_1.0.8: //system/etc/linker.config.pb
8. anyhow_v_1.0.69: //system/lib64/libanyhow.dylib.so
9. libc_v_0.2.139: //system/lib64/liblibc.dylib.so
10. ryu_v_1.0.13: //system/lib64/libryu.dylib.so
11. serde_json_v_1.0.93: //system/lib64/libserde_json.dylib.so

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**Referenced files/modules (27):**
1. anyhow_v_1.0.69: //system/etc/linker.config.pb
2. async-trait_v_0.1.64: //system/etc/linker.config.pb
3. cxx_v_36d9ac1fab726e14305ce1919ebf8a3d64949d30: //system/etc/linker.config.pb
4. env_logger_v_0.10.0: //system/etc/linker.config.pb
5. itoa_v_1.0.5: //system/etc/linker.config.pb
6. minimal-lexical_v_0.2.1: //system/etc/linker.config.pb
7. once_cell_v_1.17.1: //system/etc/linker.config.pb
8. pin-project-lite_v_0.2.9: //system/etc/linker.config.pb
9. proc-macro2_v_1.0.54: //system/etc/linker.config.pb
10. quote_v_1.0.23: //system/etc/linker.config.pb
11. rust/cxx/macro: //system/etc/linker.config.pb
12. rustc-hash_v_1.1.0: //system/etc/linker.config.pb
13. serde_derive_v_1.0.152: //system/etc/linker.config.pb
14. serde_json_v_1.0.93: //system/etc/linker.config.pb
15. serde_v_1.0.152: //system/etc/linker.config.pb
16. syn_v_1.0.107: //system/etc/linker.config.pb
17. thiserror-impl_v_1.0.38: //system/etc/linker.config.pb
18. thiserror_v_1.0.38: //system/etc/linker.config.pb
19. unicode-ident_v_1.0.8: //system/etc/linker.config.pb
20. anyhow_v_1.0.69: //system/lib64/libanyhow.dylib.so
21. env_logger_v_0.10.0: //system/lib64/libenv_logger.dylib.so
22. itoa_v_1.0.5: //system/lib64/libitoa.dylib.so
23. once_cell_v_1.17.1: //system/lib64/libonce_cell.dylib.so
24. pin-project-lite_v_0.2.9: //system/lib64/libpin_project_lite.dylib.so
25. serde_v_1.0.152: //system/lib64/libserde.dylib.so
26. serde_json_v_1.0.93: //system/lib64/libserde_json.dylib.so
27. thiserror_v_1.0.38: //system/lib64/libthiserror.dylib.so

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## [27/451] Notice ID: 86d3f3a95c324c9479bd8986968f4327

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2. clap_derive_v_4.1.8: //system/etc/linker.config.pb
3. clap_lex_v_0.3.2: //system/etc/linker.config.pb
4. clap_v_4.1.8: //system/etc/linker.config.pb
5. libtextclassifier/native: //system/etc/linker.config.pb
6. os_str_bytes_v_6.4.1: //system/etc/linker.config.pb
7. shlex_v_1.1.0: //system/etc/linker.config.pb
8. tagsoup: //system/etc/linker.config.pb

9. zxing/core: //system/etc/linker.config.pb
10. tagsoup: //system/framework/android.test.base.jar
11. tagsoup: //system/framework/oat/arm/android.test.base.odex
12. tagsoup: //system/framework/oat/arm/android.test.base.vdex
13. tagsoup: //system/framework/oat/arm64/android.test.base.odex
14. tagsoup: //system/framework/oat/arm64/android.test.base.vdex
15. clap_v_4.1.8: //system/lib64/libclap.dylib.so
16. clap_lex_v_0.3.2: //system/lib64/libclap_lex.dylib.so
17. os_str_bytes_v_6.4.1: //system/lib64/libos_str_bytes.dylib.so

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**Referenced files/modules (7):**
1. apache-http: //system/etc/linker.config.pb
2. apache-http: //system/framework/oat/arm/org.apache.http.legacy.odex
3. apache-http: //system/framework/oat/arm/org.apache.http.legacy.vdex
4. apache-http: //system/framework/oat/arm64/org.apache.http.legacy.odex
5. apache-http: //system/framework/oat/arm64/org.apache.http.legacy.vdex
6. apache-http: //system/framework/org.apache.http.legacy.jar
7. apache-http: //system/framework/org.apache.http.legacy.jar.prof

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2. art/current/sdk: //system/etc/linker.config.pb

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**Referenced files/modules (5):**

1. apps/Camera2/jni: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
2. apps/Camera2/jni: //system/app/Camera2/lib/arm64/libjni_tinyplanet.so
3. apps/Camera2/jni: //system/etc/linker.config.pb
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### [33/451] Notice ID: 51d9a6e6ec36a48c94ba284b0eb304e0

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2. art/openjdkjvmti: //system/etc/linker.config.pb

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2. bouncycastle: //system/etc/linker.config.pb
3. bouncycastle: //system/framework/android.test.base.jar
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### [35/451] Notice ID: 4ab100ff2ca243683b3bea325bb81d3f

**Referenced files/modules (15):**
1. art_license: //system/apex/com.android.art.capex
2. art/artd/binder: //system/etc/linker.config.pb
3. art/build/boot: //system/etc/linker.config.pb
4. art/current/sdk: //system/etc/linker.config.pb
5. art/libartpalette: //system/etc/linker.config.pb
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11. art_license: //system/etc/linker.config.pb

12. art/libnativebridge: //system/lib/libnativebridge_lazy.so
13. art/libnativeloader: //system/lib/libnativeloader_lazy.so
14. art/libnativebridge: //system/lib64/libnativebridge_lazy.so
15. art/libnativeloader: //system/lib64/libnativeloader_lazy.so

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## [36/451] Notice ID: 4ad56033b8e2f5d8439a61237ad4d2c4

**Referenced files/modules (6):**

1. ASM: //system/etc/linker.config.pb
2. ASM: //system/framework/android.test.base.jar
3. ASM: //system/framework/oat/arm/android.test.base.odex
4. ASM: //system/framework/oat/arm/android.test.base.vdex
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## [37/451] Notice ID: dc7f21ccff0f672f2a7cd6f412ae627d

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2. lottie_v5.2.0: //system/etc/linker.config.pb
3. assemblyscript standard library: //system/framework/android.test.base.jar
4. assemblyscript standard library: //system/framework/oat/arm/android.test.base.odex
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## [38/451] Notice ID: 0b29d505d9225d1f0815cbdcf602b901

**Referenced files/modules (2):**
1. atomic_v_0.5.1: //system/etc/linker.config.pb
2. atomic_v_0.5.1: //system/lib64/libatomic.dylib.so

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## [40/451] Notice ID: e3fc50a88d0a364313df4b21ef20c29e

**Referenced files/modules (3):**

1. BCC_v_a39e181eaf7111f5a5416752a5757891278f17fa: //system/etc/linker.config.pb
2. BCC_v_a39e181eaf7111f5a5416752a5757891278f17fa: //system/lib/libbpf_bcc.so
3. BCC_v_a39e181eaf7111f5a5416752a5757891278f17fa: //system/lib64/libbpf_bcc.so

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### [41/451] Notice ID: 0b9a98cb3dcdefcceb145324693fda9b

**Referenced files/modules (3):**

1. bindgen-cli_v_0.64.0: //system/etc/linker.config.pb
2. bindgen_v_0.64.0: //system/etc/linker.config.pb
3. rust/crates/bindgen/android/bindgen_cmd: //system/etc/linker.config.pb

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### [42/451] Notice ID: df52c6edb7adc22e533b2bacc3bd3915

**Referenced files/modules (2):**

1. bionic_apex_license: //system/apex/com.android.runtime.apex
2. bionic_apex_license: //system/etc/linker.config.pb

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## [43/451] Notice ID: 362255802eb5aa87810d12ddf3cfedb4

**Referenced files/modules (10):**

1. bitflags_v_1.3.2: //system/etc/linker.config.pb
2. glob_v_0.3.1: //system/etc/linker.config.pb
3. num-bigint_v_0.4.3: //system/etc/linker.config.pb
4. num-integer_v_0.1.45: //system/etc/linker.config.pb
5. num-traits_v_0.2.15: //system/etc/linker.config.pb
6. regex-syntax_v_0.6.29: //system/etc/linker.config.pb
7. regex_v_1.7.3: //system/etc/linker.config.pb
8. bitflags_v_1.3.2: //system/lib64/libbitflags.dylib.so
9. num-integer_v_0.1.45: //system/lib64/libnum_integer.dylib.so
10. num-traits_v_0.2.15: //system/lib64/libnum_traits.dylib.so

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## [44/451] Notice ID: 2c7a3fa82e66676005cd4ee2608fd7d2

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2. boost special math functions: //system/framework/android.test.base.jar
3. boost special math functions: //system/framework/oat/arm/android.test.base.odex

4. boost special math functions: //system/framework/oat/arm/android.test.base.vdex
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2. boot.img: /boot.img
3. ramdisk.img: /boot.img/ramdisk.img
4. boot-test-harness.img: System image
5. boot-debug.img: /boot-debug.img
6. boot.img: /boot-debug.img/boot.img
7. ramdisk.img: /boot-debug.img/boot.img/ramdisk.img
8. boot.img: System image
9. ramdisk.img: /ramdisk.img
10. cache.img: System image
11. gcov-report-files-all.zip: System image
12. ramdisk-debug.img: System image
13. ramdisk-test-harness.img: System image
14. adb_debug.prop: /test_harness_ramdisk/adb_debug.prop
15. ramdisk.img: System image
16. recovery.img: System image
17. kernel: /kernel
18. system.img: System image
19. system/extras: /
20. Android: //system/apex/com.android.adservices.capex
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36. Android: //system/apex/com.android.tethering.capex
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63. Android: //system/app/NfcNci/NfcNci.apk
64. Android: //system/app/NfcNci/lib/arm64/libnfc_nci_jni.so
65. Android: //system/app/NfcNci/oat/arm64/NfcNci.odex
66. Android: //system/app/NfcNci/oat/arm64/NfcNci.vdex
67. Android: //system/app/SecureElement/SecureElement.apk
68. Android: //system/app/SecureElement/oat/arm64/SecureElement.odex
69. Android: //system/app/SecureElement/oat/arm64/SecureElement.vdex
70. Android: //system/app/Traceur/Traceur.apk
71. Android: //system/app/Traceur/oat/arm64/Traceur.odex
72. Android: //system/app/Traceur/oat/arm64/Traceur.vdex
73. Android: //system/bin/apexd
74. Android: //system/bin/auditctl
75. blank_screen: //system/bin/blank_screen
76. Android: //system/bin/bootstat
77. system/bpf/bpfloader: //system/bin/bpfloader
78. Android: //system/bin/bugreport_procdump
79. Android: //system/bin/clean_scratch_files
80. Android: //system/bin/debuggerd
81. Android: //system/bin/disable-verity
82. Android: //system/bin/dmabuf_dump
83. Android: //system/bin/dmctl
84. Android: //system/bin/dmesgd
85. Android: //system/bin/dmuserd
86. Android: //system/bin/enable-verity
87. Android: //system/bin/flags_health_check
88. Android: //system/bin/gatekeeperd
89. Android: //system/bin/gsi_tool
90. Android: //system/bin/gsid
91. system/libhidl/transport/allocator/1.0/default: //system/bin/hw/android.hidl.allocator@1.0-service
92. Android: //system/bin/hw/android.system.suspend-service
93. system/hwservicemanager: //system/bin/hwservicemanager
94. Android: //system/bin/ip-up-vpn
95. system/netd/netutils_wrappers: //system/bin/ip-wrapper-1.0
96. system/netd/netutils_wrappers: //system/bin/ip6tables-wrapper-1.0
97. system/netd/netutils_wrappers: //system/bin/iptables-wrapper-1.0
98. Android: //system/bin/librank
99. Android: //system/bin/llkd
100. Android: //system/bin/lmkd
101. Android: //system/bin/logd
102. Android: //system/bin/lpdump
103. Android: //system/bin/lpdumpd
104. Android: //system/bin/mini-keyctl
105. Android: //system/bin/monkey
106. Android: //system/bin/mtectrl
107. system/netd/server: //system/bin/ndc
108. system/netd/netutils_wrappers: //system/bin/ndc-wrapper-1.0
109. system/netd/server: //system/bin/netd
110. system/netd/netutils_wrappers: //system/bin/netutils-wrapper-1.0
111. pppoe-connect: //system/bin/pppoe-connect
112. pppoe-setup: //system/bin/pppoe-setup
113. pppoe-start: //system/bin/pppoe-start
114. pppoe-status: //system/bin/pppoe-status
115. pppoe-stop: //system/bin/pppoe-stop
116. Android: //system/bin/procrank
117. Android: //system/bin/reboot
118. Android: //system/bin/remount
119. Android: //system/bin/sdcard
120. Android: //system/bin/secdiscard
121. Android: //system/bin/set-verity-state
122. Android: //system/bin/settaskprofile
123. Android: //system/bin/showmap
124. Android: //system/bin/snapshotctl
125. Android: //system/bin/snapuserd
126. Android: //system/bin/storaged
127. system/netd/netutils_wrappers: //system/bin/tc-wrapper-1.0
128. Android: //system/bin/tombstoned
129. Android: //system/bin/unwind_info
130. Android: //system/bin/unwind_reg_info
131. Android: //system/bin/unwind_symbols
132. Android: //system/bin/unzip
133. Android: //system/bin/usbd
134. Android: //system/bin/vdc
135. Android: //system/bin/vold
136. Android: //system/bin/vold_prepare_subdirs
137. Android: //system/bin/watchdogd
138. system/connectivity/wificond: //system/bin/wificond
139. Android: //system/bin/zipinfo
140. Android: //system/bin/ziptool
141. build.prop: //system/build.prop
142. NOTICE.xml.gz: //system/etc/NOTICE.xml.gz
143. alarm_filter.xml: //system/etc/alarm_filter.xml

144. apns-conf.xml: //system/etc/apns-conf.xml
145. audio_effects.xml: //system/etc/audio_effects.xml
146. system_bpf_license: //system/etc/bpf/bpfRingbufProg.o
147. Android: //system/etc/cgroups.json
148. dirty-image-objects: //system/etc/dirty-image-objects
149. build/make/tools/fs_config: //system/etc/fs_config_dirs
150. build/make/tools/fs_config: //system/etc/fs_config_files
151. Android: //system/etc/group
152. hosts: //system/etc/hosts
153. Android: //system/etc/init/hw/init.rc
154. init.usb.configfs.rc: //system/etc/init/hw/init.usb.configfs.rc
155. init.usb.rc: //system/etc/init/hw/init.usb.rc
156. init.zygote32.rc: //system/etc/init/hw/init.zygote32.rc
157. init.zygote64.rc: //system/etc/init/hw/init.zygote64.rc
158. init.zygote64_32.rc: //system/etc/init/hw/init.zygote64_32.rc
159. init.rockchip.rc: //system/etc/init/init.rockchip.rc
160. Android: //system/etc/init/logtagd.rc
161. Android: //system/etc/init/wifi.rc
162. system/nfc/conf: //system/etc/libnfc-nci.conf
163. AVRCP.idc: //system/etc/linker.config.pb
164. AVRCP.kl: //system/etc/linker.config.pb
165. AdServices/current: //system/etc/linker.config.pb
166. Aging_Test_Video.mp4: //system/etc/linker.config.pb
167. Android: //system/etc/linker.config.pb
168. Android Neural Networks API: //system/etc/linker.config.pb
169. BCC_v_a39e181eaf7111f5a5416752a5757891278f17fa: //system/etc/linker.config.pb
170. Bluetooth/current: //system/etc/linker.config.pb
171. ConfigInfrastructure/current: //system/etc/linker.config.pb
172. Connectivity/current: //system/etc/linker.config.pb
173. ExoPlayer_v_8e57d3715f9092d5ec54ebe2e538f34bfcc34479: //system/etc/linker.config.pb
174. Generic.kcm: //system/etc/linker.config.pb
175. Generic.kl: //system/etc/linker.config.pb
176. Google Error Prone: //system/etc/linker.config.pb
177. GoogleTV-Remote.idc: //system/etc/linker.config.pb
178. HealthFitness/current: //system/etc/linker.config.pb
179. IPsec/current: //system/etc/linker.config.pb
180. Media/current: //system/etc/linker.config.pb
181. MediaProvider/current: //system/etc/linker.config.pb
182. NOTICE.xml.gz: //system/etc/linker.config.pb
183. OnDevicePersonalization/current: //system/etc/linker.config.pb
184. Permission/current: //system/etc/linker.config.pb
185. RemoteKeyProvisioning/current: //system/etc/linker.config.pb
186. Scheduling/current: //system/etc/linker.config.pb
187. SdkExtensions/current: //system/etc/linker.config.pb
188. StatsD/current: //system/etc/linker.config.pb
189. Uwb/current: //system/etc/linker.config.pb
190. Vendor_004c_Product_0265.idc: //system/etc/linker.config.pb
191. Vendor_0079_Product_0011.kl: //system/etc/linker.config.pb
192. Vendor_0079_Product_18d4.kl: //system/etc/linker.config.pb
193. Vendor_0171_Product_0419.kl: //system/etc/linker.config.pb
194. Vendor_03f6_Product_a001.idc: //system/etc/linker.config.pb
195. Vendor_044f_Product_b326.kl: //system/etc/linker.config.pb
196. Vendor_045e_Product_028e.kl: //system/etc/linker.config.pb
197. Vendor_045e_Product_028f.kl: //system/etc/linker.config.pb
198. Vendor_045e_Product_02a1.kl: //system/etc/linker.config.pb
199. Vendor_045e_Product_02d1.kl: //system/etc/linker.config.pb
200. Vendor_045e_Product_02dd.kl: //system/etc/linker.config.pb
201. Vendor_045e_Product_02e0.kl: //system/etc/linker.config.pb
202. Vendor_045e_Product_02e3.kl: //system/etc/linker.config.pb
203. Vendor_045e_Product_02ea.kl: //system/etc/linker.config.pb
204. Vendor_045e_Product_02fd.kl: //system/etc/linker.config.pb
205. Vendor_045e_Product_0b12.kl: //system/etc/linker.config.pb
206. Vendor_046d_Product_4011.idc: //system/etc/linker.config.pb
207. Vendor_046d_Product_4101.idc: //system/etc/linker.config.pb
208. Vendor_046d_Product_4102.idc: //system/etc/linker.config.pb
209. Vendor_046d_Product_b00c.idc: //system/etc/linker.config.pb
210. Vendor_046d_Product_b501.kl: //system/etc/linker.config.pb
211. Vendor_046d_Product_c216.kl: //system/etc/linker.config.pb
212. Vendor_046d_Product_c219.kl: //system/etc/linker.config.pb
213. Vendor_046d_Product_c21d.kl: //system/etc/linker.config.pb
214. Vendor_046d_Product_c21e.kl: //system/etc/linker.config.pb
215. Vendor_046d_Product_c21f.kl: //system/etc/linker.config.pb
216. Vendor_046d_Product_c242.kl: //system/etc/linker.config.pb
217. Vendor_046d_Product_c294.kl: //system/etc/linker.config.pb
218. Vendor_046d_Product_c299.kl: //system/etc/linker.config.pb
219. Vendor_046d_Product_c532.kl: //system/etc/linker.config.pb
220. Vendor_054c_Product_0268.kl: //system/etc/linker.config.pb
221. Vendor_054c_Product_0268_Version_8000.kl: //system/etc/linker.config.pb
222. Vendor_054c_Product_0268_Version_8100.kl: //system/etc/linker.config.pb
223. Vendor_054c_Product_0268_Version_8111.kl: //system/etc/linker.config.pb
224. Vendor_054c_Product_05c4.idc: //system/etc/linker.config.pb
225. Vendor_054c_Product_05c4.kl: //system/etc/linker.config.pb
226. Vendor_054c_Product_05c4_Version_8000.kl: //system/etc/linker.config.pb
227. Vendor_054c_Product_05c4_Version_8100.kl: //system/etc/linker.config.pb
228. Vendor_054c_Product_05c4_Version_8111.kl: //system/etc/linker.config.pb
229. Vendor_054c_Product_09cc.idc: //system/etc/linker.config.pb
230. Vendor_054c_Product_09cc.kl: //system/etc/linker.config.pb
231. Vendor_054c_Product_09cc_Version_8000.kl: //system/etc/linker.config.pb
232. Vendor_054c_Product_09cc_Version_8100.kl: //system/etc/linker.config.pb
233. Vendor_054c_Product_09cc_Version_8111.kl: //system/etc/linker.config.pb

234. Vendor_054c_Product_0ba0.kl: //system/etc/linker.config.pb
235. Vendor_054c_Product_0ba0_Version_8111.kl: //system/etc/linker.config.pb
236. Vendor_054c_Product_0ce6.kl: //system/etc/linker.config.pb
237. Vendor_054c_Product_0ce6_fallback.kl: //system/etc/linker.config.pb
238. Vendor_054c_Product_0df2.kl: //system/etc/linker.config.pb
239. Vendor_054c_Product_0df2_fallback.kl: //system/etc/linker.config.pb
240. Vendor_056e_Product_2004.kl: //system/etc/linker.config.pb
241. Vendor_056e_Product_2010.kl: //system/etc/linker.config.pb
242. Vendor_056e_Product_2013.kl: //system/etc/linker.config.pb
243. Vendor_057e_Product_2009.kl: //system/etc/linker.config.pb
244. Vendor_0583_Product_2060.kl: //system/etc/linker.config.pb
245. Vendor_05ac_Product_0239.kl: //system/etc/linker.config.pb
246. Vendor_05ac_Product_0265.idc: //system/etc/linker.config.pb
247. Vendor_05ac_Product_030e.idc: //system/etc/linker.config.pb
248. Vendor_06a3_Product_f51a.kl: //system/etc/linker.config.pb
249. Vendor_0738_Product_4716.kl: //system/etc/linker.config.pb
250. Vendor_0738_Product_4718.kl: //system/etc/linker.config.pb
251. Vendor_0738_Product_4726.kl: //system/etc/linker.config.pb
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254. Vendor_0738_Product_9871.kl: //system/etc/linker.config.pb
255. Vendor_0738_Product_b726.kl: //system/etc/linker.config.pb
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257. Vendor_0738_Product_cb02.kl: //system/etc/linker.config.pb
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260. Vendor_0738_Product_f738.kl: //system/etc/linker.config.pb
261. Vendor_07ff_Product_ffff.kl: //system/etc/linker.config.pb
262. Vendor_0957_Product_0001.idc: //system/etc/linker.config.pb
263. Vendor_0957_Product_0001.kl: //system/etc/linker.config.pb
264. Vendor_0957_Product_0006.idc: //system/etc/linker.config.pb
265. Vendor_0b05_Product_4500.kl: //system/etc/linker.config.pb
266. Vendor_0e6f_Product_0113.kl: //system/etc/linker.config.pb
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292. Vendor_0e6f_Product_f900.kl: //system/etc/linker.config.pb
293. Vendor_0f0d_Product_000a.kl: //system/etc/linker.config.pb
294. Vendor_0f0d_Product_000c.kl: //system/etc/linker.config.pb
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296. Vendor_0f0d_Product_00c1.kl: //system/etc/linker.config.pb
297. Vendor_1038_Product_1412.kl: //system/etc/linker.config.pb
298. Vendor_1038_Product_1430.kl: //system/etc/linker.config.pb
299. Vendor_1038_Product_1431.kl: //system/etc/linker.config.pb
300. Vendor_1038_Product_1434.kl: //system/etc/linker.config.pb
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304. Vendor_1430_Product_4748.kl: //system/etc/linker.config.pb
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317. Vendor_15e4_Product_3f00.kl: //system/etc/linker.config.pb
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319. Vendor_15e4_Product_3f10.kl: //system/etc/linker.config.pb
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321. Vendor_1689_Product_fd00.kl: //system/etc/linker.config.pb
322. Vendor_1689_Product_fd01.kl: //system/etc/linker.config.pb
323. Vendor_1689_Product_fe00.kl: //system/etc/linker.config.pb

324. Vendor_18d1_Product_0200.kcm: //system/etc/linker.config.pb
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327. Vendor_18d1_Product_4f80.kl: //system/etc/linker.config.pb
328. Vendor_18d1_Product_5018.kcm: //system/etc/linker.config.pb
329. Vendor_18d1_Product_5018.kl: //system/etc/linker.config.pb
330. Vendor_18d1_Product_9451.idc: //system/etc/linker.config.pb
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332. Vendor_1bad_Product_0002.kl: //system/etc/linker.config.pb
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352. Vendor_2378_Product_1008.kl: //system/etc/linker.config.pb
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354. Vendor_24c6_Product_5300.kl: //system/etc/linker.config.pb
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369. Vendor_24c6_Product_5d04.kl: //system/etc/linker.config.pb
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371. Vendor_27f8_Product_0bbe.kl: //system/etc/linker.config.pb
372. Vendor_27f8_Product_0bbf.kl: //system/etc/linker.config.pb
373. Vendor_28de_Product_1102.kl: //system/etc/linker.config.pb
374. Vendor_2dc8_Product_6101.kl: //system/etc/linker.config.pb
375. Vendor_2e95_Product_7725.kl: //system/etc/linker.config.pb
376. Virtual.kcm: //system/etc/linker.config.pb
377. Wifi/current: //system/etc/linker.config.pb
378. Wuffs Mirror Release C_v_a0e2454f0c21369f9775cad3bcaf1e3bb1db70b6: //system/etc/linker.config.pb
379. alarm_filter.xml: //system/etc/linker.config.pb
380. android.hardware: //system/etc/linker.config.pb
381. android.hardware.atrace: //system/etc/linker.config.pb
382. android.hardware.audio: //system/etc/linker.config.pb
383. android.hardware.audio.common: //system/etc/linker.config.pb
384. android.hardware.audio.common-V2-ndk-source: //system/etc/linker.config.pb
385. android.hardware.audio.common-V2.0-java_gen_java: //system/etc/linker.config.pb
386. android.hardware.audio.common-api: //system/etc/linker.config.pb
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396. android.hardware.audio.effect-V1-ndk-source: //system/etc/linker.config.pb
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516. android.hardware.graphics.composer3-V2-ndk-source: //system/etc/linker.config.pb
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543. android.hardware.ir: //system/etc/linker.config.pb
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546. android.hardware.ir_interface: //system/etc/linker.config.pb
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635. android.hardware.rebootescrow-api: //system/etc/linker.config.pb
636. android.hardware.rebootescrow_interface: //system/etc/linker.config.pb
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673. android.hardware.soundtrigger-V2.2-java_gen_java: //system/etc/linker.config.pb
674. android.hardware.soundtrigger-V2.3-java_gen_java: //system/etc/linker.config.pb
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676. android.hardware.soundtrigger3-api: //system/etc/linker.config.pb
677. android.hardware.soundtrigger3_interface: //system/etc/linker.config.pb
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679. android.hardware.thermal-V1-java-source: //system/etc/linker.config.pb
680. android.hardware.thermal-V1-ndk-source: //system/etc/linker.config.pb
681. android.hardware.thermal-V1.0-java-constants_gen_java: //system/etc/linker.config.pb
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688. android.hardware.tv.cec-V1.0-java_gen_java: //system/etc/linker.config.pb
689. android.hardware.tv.cec-V1.1-java_gen_java: //system/etc/linker.config.pb
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691. android.hardware.tv.hdmi.cec-api: //system/etc/linker.config.pb
692. android.hardware.tv.hdmi.cec_interface: //system/etc/linker.config.pb
693. android.hardware.tv.hdmi.connection-V1-java-source: //system/etc/linker.config.pb
694. android.hardware.tv.hdmi.connection-api: //system/etc/linker.config.pb
695. android.hardware.tv.hdmi.connection_interface: //system/etc/linker.config.pb
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697. android.hardware.tv.hdmi.earc-api: //system/etc/linker.config.pb
698. android.hardware.tv.hdmi.earc_interface: //system/etc/linker.config.pb
699. android.hardware.tv.input: //system/etc/linker.config.pb
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778. android_arm64_armv8-a_cortex-a55_cfi: //system/etc/linker.config.pb
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798. audio_policy_configuration_V7_1_enums: //system/etc/linker.config.pb
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813. ff680030_pwm.kl: //system/etc/linker.config.pb
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822. gemmlowp/eight_bit_int_gemm: //system/etc/linker.config.pb
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Android: //system/etc/permissions/privapp_allowlist_com.android.providers.media.module.xml
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Android: //system/etc/seccomp_policy/code_coverage.arm64.policy
Android: //system/etc/seccomp_policy/crash_dump.arm.policy
Android: //system/etc/seccomp_policy/crash_dump.arm64.policy
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954. build/make/target/product/security: //system/etc/security/otacerts.zip
955. spn-conf.xml: //system/etc/spn-conf.xml
956. Android: //system/etc/sysconfig/preinstalled-packages-com.android.providers.media.module.xml
957. Android: //system/etc/sysconfig/preinstalled-packages-platform-full-base.xml
958. Android: //system/etc/sysconfig/preinstalled-packages-platform-handheld-system.xml
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966. Android: //system/etc/ueventd.rc
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973. system/libhidl/vintfdata: //system/etc/vintf/manifest.xml
974. Android: //system/etc/vndkcorevariant.libraries.txt
975. wake_lock_filter.xml: //system/etc/wake_lock_filter.xml
976. roboto-classic_v_3.005: //system/fonts/DroidSans-Bold.ttf
977. roboto-classic_v_3.005: //system/fonts/DroidSans.ttf
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979. roboto-classic_v_3.005: //system/fonts/RobotoStatic-Regular.ttf
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983. Android: //system/framework/android.test.base.jar
984. Bluetooth/current: //system/framework/android.test.base.jar
985. ConfigInfrastructure/current: //system/framework/android.test.base.jar
986. Connectivity/current: //system/framework/android.test.base.jar
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988. IPsec/current: //system/framework/android.test.base.jar
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1245. android.hardware.security.keymint_interface: //system/framework/oat/arm/android.test.base.odex
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1286. android_common: //system/framework/oat/arm/android.test.base.odex
1287. audio_policy_configuration_V7_0: //system/framework/oat/arm/android.test.base.odex
1288. conscrypt: //system/framework/oat/arm/android.test.base.odex
1289. conscrypt/current: //system/framework/oat/arm/android.test.base.odex
1290. kotlinc_v1.8.10: //system/framework/oat/arm/android.test.base.odex
1291. libphonenumber: //system/framework/oat/arm/android.test.base.odex
1292. okhttp: //system/framework/oat/arm/android.test.base.odex
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1296. system/libhidl/transport/base/1.0: //system/framework/oat/arm/android.test.base.odex
1297. system/libhidl/transport/safe_union/1.0: //system/framework/oat/arm/android.test.base.odex
1298. system/update_engine: //system/framework/oat/arm/android.test.base.odex
1299. AdServices/current: //system/framework/oat/arm/android.test.base.vdex
1300. Android: //system/framework/oat/arm/android.test.base.vdex
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1302. ConfigInfrastructure/current: //system/framework/oat/arm/android.test.base.vdex
1303. Connectivity/current: //system/framework/oat/arm/android.test.base.vdex
1304. HealthFitness/current: //system/framework/oat/arm/android.test.base.vdex
1305. IPsec/current: //system/framework/oat/arm/android.test.base.vdex
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1307. MediaProvider/current: //system/framework/oat/arm/android.test.base.vdex
1308. OnDevicePersonalization/current: //system/framework/oat/arm/android.test.base.vdex
1309. Permission/current: //system/framework/oat/arm/android.test.base.vdex
1310. Scheduling/current: //system/framework/oat/arm/android.test.base.vdex
1311. SdkExtensions/current: //system/framework/oat/arm/android.test.base.vdex

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1313. Uwb/current: //system/framework/oat/arm/android.test.base.vdex
1314. Wifi/current: //system/framework/oat/arm/android.test.base.vdex
1315. android.hardware: //system/framework/oat/arm/android.test.base.vdex
1316. android.hardware.audio.common: //system/framework/oat/arm/android.test.base.vdex
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1319. android.hardware.biometrics.common_interface: //system/framework/oat/arm/android.test.base.vdex
1320. android.hardware.biometrics.fingerprint-V3-java-source: //system/framework/oat/arm/android.test.base.vdex
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1332. android.hardware.common.fmq-V1-java-source: //system/framework/oat/arm/android.test.base.vdex
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1445. conscrypt/current: //system/framework/oat/arm/android.test.base.vdex
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1447. libphonenumber: //system/framework/oat/arm/android.test.base.vdex
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1453. system/libhidl/transport/safe_union/1.0: //system/framework/oat/arm/android.test.base.vdex
1454. system/update_engine: //system/framework/oat/arm/android.test.base.vdex
1455. system/libhidl/transport/base/1.0: //system/framework/oat/arm64/android.hidl.base-V1.0-java.odex
1456. system/libhidl/transport/base/1.0: //system/framework/oat/arm64/android.hidl.base-V1.0-java.vdex
1457. system/libhidl/transport/manager/1.0: //system/framework/oat/arm64/android.hidl.manager-V1.0-java.odex
1458. system/libhidl/transport/manager/1.0: //system/framework/oat/arm64/android.hidl.manager-V1.0-java.vdex
1459. AdServices/current: //system/framework/oat/arm64/android.test.base.odex
1460. Android: //system/framework/oat/arm64/android.test.base.odex
1461. Bluetooth/current: //system/framework/oat/arm64/android.test.base.odex
1462. ConfigInfrastructure/current: //system/framework/oat/arm64/android.test.base.odex
1463. Connectivity/current: //system/framework/oat/arm64/android.test.base.odex
1464. HealthFitness/current: //system/framework/oat/arm64/android.test.base.odex
1465. IPsec/current: //system/framework/oat/arm64/android.test.base.odex
1466. Media/current: //system/framework/oat/arm64/android.test.base.odex
1467. MediaProvider/current: //system/framework/oat/arm64/android.test.base.odex
1468. OnDevicePersonalization/current: //system/framework/oat/arm64/android.test.base.odex
1469. Permission/current: //system/framework/oat/arm64/android.test.base.odex
1470. Scheduling/current: //system/framework/oat/arm64/android.test.base.odex
1471. SdkExtensions/current: //system/framework/oat/arm64/android.test.base.odex
1472. StatsD/current: //system/framework/oat/arm64/android.test.base.odex
1473. Uwb/current: //system/framework/oat/arm64/android.test.base.odex
1474. Wifi/current: //system/framework/oat/arm64/android.test.base.odex
1475. android.hardware: //system/framework/oat/arm64/android.test.base.odex
1476. android.hardware.audio.common: //system/framework/oat/arm64/android.test.base.odex
1477. android.hardware.biometrics.common-V3-java-source: //system/framework/oat/arm64/android.test.base.odex
1478. android.hardware.biometrics.common-api: //system/framework/oat/arm64/android.test.base.odex
1479. android.hardware.biometrics.common_interface: //system/framework/oat/arm64/android.test.base.odex
1480. android.hardware.biometrics.fingerprint-V3-java-source: //system/framework/oat/arm64/android.test.base.odex
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1482. android.hardware.biometrics.fingerprint_interface: //system/framework/oat/arm64/android.test.base.odex
1483. android.hardware.cas: //system/framework/oat/arm64/android.test.base.odex
1484. android.hardware.cas-V1-java-source: //system/framework/oat/arm64/android.test.base.odex
1485. android.hardware.cas-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
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1487. android.hardware.cas-V1.2-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1488. android.hardware.cas-api: //system/framework/oat/arm64/android.test.base.odex
1489. android.hardware.cas_interface: //system/framework/oat/arm64/android.test.base.odex

1490. android.hardware.common-V2-java-source: //system/framework/oat/arm64/android.test.base.odex
1491. android.hardware.common-api: //system/framework/oat/arm64/android.test.base.odex
1492. android.hardware.common.fmq-V1-java-source: //system/framework/oat/arm64/android.test.base.odex
1493. android.hardware.common.fmq-api: //system/framework/oat/arm64/android.test.base.odex
1494. android.hardware.common.fmq_interface: //system/framework/oat/arm64/android.test.base.odex
1495. android.hardware.common_interface: //system/framework/oat/arm64/android.test.base.odex
1496. android.hardware.contexthub: //system/framework/oat/arm64/android.test.base.odex
1497. android.hardware.contexthub-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1498. android.hardware.contexthub-V1.1-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1499. android.hardware.contexthub-V1.2-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1500. android.hardware.contexthub-V2-java-source: //system/framework/oat/arm64/android.test.base.odex
1501. android.hardware.contexthub-api: //system/framework/oat/arm64/android.test.base.odex
1502. android.hardware.contexthub_interface: //system/framework/oat/arm64/android.test.base.odex
1503. android.hardware.gnss: //system/framework/oat/arm64/android.test.base.odex
1504. android.hardware.gnss-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1505. android.hardware.gnss-V1.1-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1506. android.hardware.gnss-V2-java-source: //system/framework/oat/arm64/android.test.base.odex
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1509. android.hardware.gnss-api: //system/framework/oat/arm64/android.test.base.odex
1510. android.hardware.gnss.measurement_corrections: //system/framework/oat/arm64/android.test.base.odex
1511. android.hardware.gnss.measurement_corrections-V1.0-java_gen_java:
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1512. android.hardware.gnss.measurement_corrections-V1.1-java_gen_java:
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1513. android.hardware.gnss.visibility_control: //system/framework/oat/arm64/android.test.base.odex
1514. android.hardware.gnss.visibility_control-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1515. android.hardware.gnss_interface: //system/framework/oat/arm64/android.test.base.odex
1516. android.hardware.graphics.common-V3-java-source: //system/framework/oat/arm64/android.test.base.odex
1517. android.hardware.graphics.common-api: //system/framework/oat/arm64/android.test.base.odex
1518. android.hardware.graphics.common_interface: //system/framework/oat/arm64/android.test.base.odex
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1520. android.hardware.health-V1.0-java-constants_gen_java: //system/framework/oat/arm64/android.test.base.odex
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1523. android.hardware.keymaster_interface: //system/framework/oat/arm64/android.test.base.odex
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1525. android.hardware.radio-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
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1530. android.hardware.radio-V1.5-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
1531. android.hardware.radio-V1.6-java_gen_java: //system/framework/oat/arm64/android.test.base.odex
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1533. android.hardware.radio-api: //system/framework/oat/arm64/android.test.base.odex
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1537. android.hardware.radio.data-V2-java-source: //system/framework/oat/arm64/android.test.base.odex
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1584. android.hardware.usb-V1.2-java-constants_gen_java: //system/framework/oat/arm64/android.test.base.odex
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1612. system/libhidl/transport/base/1.0: //system/framework/oat/arm64/android.test.base.odex
1613. system/libhidl/transport/safe_union/1.0: //system/framework/oat/arm64/android.test.base.odex
1614. system/update_engine: //system/framework/oat/arm64/android.test.base.odex
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1618. ConfigInfrastructure/current: //system/framework/oat/arm64/android.test.base.vdex
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1627. SdkExtensions/current: //system/framework/oat/arm64/android.test.base.vdex
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1629. Uwb/current: //system/framework/oat/arm64/android.test.base.vdex
1630. Wifi/current: //system/framework/oat/arm64/android.test.base.vdex
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1680. android.hardware.radio: //system/framework/oat/arm64/android.test.base.vdex
1681. android.hardware.radio-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1682. android.hardware.radio-V1.1-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1683. android.hardware.radio-V1.2-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1684. android.hardware.radio-V1.3-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1685. android.hardware.radio-V1.4-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1686. android.hardware.radio-V1.5-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1687. android.hardware.radio-V1.6-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1688. android.hardware.radio-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
1689. android.hardware.radio-api: //system/framework/oat/arm64/android.test.base.vdex
1690. android.hardware.radio.config-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
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1694. android.hardware.radio.data-api: //system/framework/oat/arm64/android.test.base.vdex
1695. android.hardware.radio.data_interface: //system/framework/oat/arm64/android.test.base.vdex
1696. android.hardware.radio.ims-V1-java-source: //system/framework/oat/arm64/android.test.base.vdex
1697. android.hardware.radio.ims-api: //system/framework/oat/arm64/android.test.base.vdex
1698. android.hardware.radio.ims_interface: //system/framework/oat/arm64/android.test.base.vdex
1699. android.hardware.radio.messaging-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
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1701. android.hardware.radio.messaging_interface: //system/framework/oat/arm64/android.test.base.vdex
1702. android.hardware.radio.modem-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
1703. android.hardware.radio.modem-api: //system/framework/oat/arm64/android.test.base.vdex
1704. android.hardware.radio.modem_interface: //system/framework/oat/arm64/android.test.base.vdex
1705. android.hardware.radio.network-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
1706. android.hardware.radio.network-api: //system/framework/oat/arm64/android.test.base.vdex
1707. android.hardware.radio.network_interface: //system/framework/oat/arm64/android.test.base.vdex
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1711. android.hardware.radio.voice-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
1712. android.hardware.radio.voice-api: //system/framework/oat/arm64/android.test.base.vdex
1713. android.hardware.radio.voice_interface: //system/framework/oat/arm64/android.test.base.vdex
1714. android.hardware.radio_interface: //system/framework/oat/arm64/android.test.base.vdex
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1718. android.hardware.security.secureclock-V1-java-source: //system/framework/oat/arm64/android.test.base.vdex
1719. android.hardware.security.secureclock-api: //system/framework/oat/arm64/android.test.base.vdex
1720. android.hardware.security.secureclock_interface: //system/framework/oat/arm64/android.test.base.vdex
1721. android.hardware.soundtrigger3-V1-java-source: //system/framework/oat/arm64/android.test.base.vdex
1722. android.hardware.soundtrigger3-api: //system/framework/oat/arm64/android.test.base.vdex
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1724. android.hardware.thermal: //system/framework/oat/arm64/android.test.base.vdex
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1730. android.hardware.thermal-api: //system/framework/oat/arm64/android.test.base.vdex
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1736. android.hardware.tv.tuner_interface: //system/framework/oat/arm64/android.test.base.vdex
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1740. android.hardware.usb-V1.2-java-constants_gen_java: //system/framework/oat/arm64/android.test.base.vdex
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1742. android.hardware.usb.gadget-V1-java-source: //system/framework/oat/arm64/android.test.base.vdex
1743. android.hardware.usb.gadget-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1744. android.hardware.usb.gadget-V1.1-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1745. android.hardware.usb.gadget-V1.2-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1746. android.hardware.usb.gadget-api: //system/framework/oat/arm64/android.test.base.vdex
1747. android.hardware.usb.gadget_interface: //system/framework/oat/arm64/android.test.base.vdex
1748. android.hardware.vibrator: //system/framework/oat/arm64/android.test.base.vdex
1749. android.hardware.vibrator-V1.0-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
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1752. android.hardware.vibrator-V1.3-java_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1753. android.hardware.vibrator-V2-java-source: //system/framework/oat/arm64/android.test.base.vdex
1754. android.hardware.vibrator-api: //system/framework/oat/arm64/android.test.base.vdex
1755. android.hardware.vibrator_interface: //system/framework/oat/arm64/android.test.base.vdex

1756. android.hardware.wifi: //system/framework/oat/arm64/android.test.base.vdex
1757. android.hardware.wifi-V1.0-java-constants_gen_java: //system/framework/oat/arm64/android.test.base.vdex
1758. android_common: //system/framework/oat/arm64/android.test.base.vdex
1759. audio_policy_configuration_V7_0: //system/framework/oat/arm64/android.test.base.vdex
1760. conscrypt: //system/framework/oat/arm64/android.test.base.vdex
1761. conscrypt/current: //system/framework/oat/arm64/android.test.base.vdex
1762. kotlinc_v1.8.10: //system/framework/oat/arm64/android.test.base.vdex
1763. libphonenumber: //system/framework/oat/arm64/android.test.base.vdex
1764. okhttp: //system/framework/oat/arm64/android.test.base.vdex
1765. rappor_v_a13fa964edb7c576366c83f40ff58d7c8c1db759: //system/framework/oat/arm64/android.test.base.vdex
1766. system/connectivity/wificond: //system/framework/oat/arm64/android.test.base.vdex
1767. system/libhidl/transport: //system/framework/oat/arm64/android.test.base.vdex
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1769. system/libhidl/transport/safe_union/1.0: //system/framework/oat/arm64/android.test.base.vdex
1770. system/update_engine: //system/framework/oat/arm64/android.test.base.vdex
1771. Android: //system/framework/telephony-common.jar
1772. Android: //system/framework/voip-common.jar
1773. Android: //system/lib/android.frameworks.schedulerservice@1.0.so
1774. Android: //system/lib/android.frameworks.sensorservice@1.0.so
1775. Android: //system/lib/android.frameworks.stats@1.0.so
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1794. android.hardware.gnss.measurement_corrections: //system/lib/android.hardware.gnss.measurement_corrections@1.1.so
1795. android.hardware.gnss.visibility_control: //system/lib/android.hardware.gnss.visibility_control@1.0.so
1796. android.hardware.gnss: //system/lib/android.hardware.gnss@1.0.so
1797. android.hardware.gnss: //system/lib/android.hardware.gnss@1.1.so
1798. android.hardware.gnss: //system/lib/android.hardware.gnss@2.0.so
1799. android.hardware.gnss: //system/lib/android.hardware.gnss@2.1.so
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1804. android.hardware.graphics.bufferqueue: //system/lib/android.hardware.graphics.bufferqueue@2.0.so
1805. android.hardware.graphics.common: //system/lib/android.hardware.graphics.common@1.0.so
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1843. system/libhidl/transport/memory/1.0/default: //system/lib/hw/android.hidl.memory@1.0-impl.so
1844. Android: //system/lib/libOpenMAXAL.so
1845. Android: //system/lib/libOpenSLES.so

1846. Android: //system/lib/libPlatformProperties.so
1847. Android: //system/lib/libRS.so
1848. Android: //system/lib/libRSCacheDir.so
1849. Android: //system/lib/libRSCpuRef.so
1850. Android: //system/lib/libRSDriver.so
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1852. Android: //system/lib/libappfuse.so
1853. Android: //system/lib/libartpalette-system.so
1854. Android: //system/lib/libasyncio.so
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1859. Android: //system/lib/libcgrouprc.so
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1865. Android: //system/lib/libgatekeeper.so
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1875. Android: //system/lib/libmemunreachable.so
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1884. Android: //system/lib/librtp_jni.so
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1897. Android: //system/lib/libziparchive.so
1898. Android: //system/lib/server_configurable_flags.so
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1936. android.hardware.camera.device: //system/lib64/android.hardware.camera.device@1.0.so
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1940. android.hardware.camera.device: //system/lib64/android.hardware.camera.device@3.5.so
1941. android.hardware.camera.device: //system/lib64/android.hardware.camera.device@3.6.so
1942. android.hardware.camera.device: //system/lib64/android.hardware.camera.device@3.7.so
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2022. android.hardware.vibrator: //system/lib64/android.hardware.vibrator@1.3.so
2023. android.hardware.vr: //system/lib64/android.hardware.vr@1.0.so

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2204. Generic.kcm: //system/usr/keychars/Generic.kcm
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1. boot-debug.img: System image
2. boot.img: /boot.img
3. boot-debug.img: /boot-debug.img
4. boot.img: /boot-debug.img/boot.img
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1. boringssl/selftest: //system/bin/boringssl_self_test32
2. boringssl/selftest: //system/bin/boringssl_self_test64
3. boringssl: //system/etc/linker.config.pb
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## [48/451] Notice ID: 941ee9cd1609382f946352712a319b4b

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**Referenced files/modules (2):**
1. bytes_v_1.4.0: //system/etc/linker.config.pb
2. bytes_v_1.4.0: //system/lib64/libbytes.dylib.so

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## [50/451] Notice ID: 1e5cffe65fc786f83a11a4b225495c0b

**Referenced files/modules (4):**
1. bzip2_v_bzip2-1.0.8: //system/bin/bunzip2
2. bzip2_v_bzip2-1.0.8: //system/bin/bzcat
3. bzip2_v_bzip2-1.0.8: //system/bin/bzip2
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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

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## [51/451] Notice ID: d8f3538b4b61929cc720b7d68d570ef6

**Referenced files/modules (2):**
1. carrois-gothic-sc_v_1.002: //system/etc/linker.config.pb
2. carrois-gothic-sc_v_1.002: //system/fonts/CarroisGothicSC-Regular.ttf

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**Referenced files/modules (3):**

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2. cblas: //system/lib/libblas.so
3. cblas: //system/lib64/libblas.so

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## [53/451] Notice ID: 021140bcd44b66ec08a6fe20b80e6687

**Referenced files/modules (1):**
1. cbor-java_v0.8: //system/etc/linker.config.pb

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**Referenced files/modules (1):**
1. cexpr_v_0.6.0: //system/etc/linker.config.pb

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## [56/451] Notice ID: 26f9f7326664c18be40341d92728adf3

**Referenced files/modules (8):**
1. cfg-if_v_1.0.0: //system/etc/linker.config.pb
2. flate2_v_1.0.25: //system/etc/linker.config.pb
3. rustc-demangle-capi_v_0.1.0: //system/etc/linker.config.pb
4. rustc-demangle_v_0.1.22: //system/etc/linker.config.pb
5. socket2_v_0.4.7: //system/etc/linker.config.pb
6. cfg-if_v_1.0.0: //system/lib64/libcfg_if.dylib.so
7. flate2_v_1.0.25: //system/lib64/libflate2.dylib.so
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### [57/451] Notice ID: c64162c27dbf4c0a61f6487430b839ee

**Referenced files/modules (2):**
1. chrono_v_0.4.19: //system/etc/linker.config.pb
2. chrono_v_0.4.19: //system/lib64/libchrono.dylib.so

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**Referenced files/modules (5):**
1. clap_derive_v_4.1.8: //system/etc/linker.config.pb
2. clap_lex_v_0.3.2: //system/etc/linker.config.pb
3. clap_v_4.1.8: //system/etc/linker.config.pb
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## [61/451] Notice ID: a8371d64296614e2a32b9460f2749560

**Referenced files/modules (1):**
1. combine_v_4.6.6: //system/etc/linker.config.pb

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## [62/451] Notice ID: d273d63619c9aeaf15cdaf76422c4f87

**Referenced files/modules (2):**
1. comingsoon_v_1.002: //system/etc/linker.config.pb
2. comingsoon_v_1.002: //system/fonts/ComingSoon.ttf

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## [63/451] Notice ID: 1ee2b380c3e34d2dd756b922ab4f8b6c

**Referenced files/modules (3):**

1. compiler-rt: //system/etc/linker.config.pb
2. compiler-rt: //system/lib/libcompiler_rt.so
3. compiler-rt: //system/lib64/libcompiler_rt.so

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### [64/451] Notice ID: bf24bca27049b52e9738451aa55771d4

**Referenced files/modules (3):**

1. compiler-rt: //system/etc/linker.config.pb
2. compiler-rt: //system/lib/libcompiler_rt.so
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## [65/451] Notice ID: 135fe2eeede8fd1e1b2913183ace2c2c

**Referenced files/modules (2):**
1. crc32fast_v_1.3.2: //system/etc/linker.config.pb
2. crc32fast_v_1.3.2: //system/lib64/libcrc32fast.dylib.so

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**Referenced files/modules (9):**
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2. fallible-iterator_v_0.2.0: //system/etc/linker.config.pb
3. fallible-streaming-iterator_v_0.1.9: //system/etc/linker.config.pb
4. foreign-types-shared_v_0.3.1: //system/etc/linker.config.pb
5. foreign-types_v_0.3.1: //system/etc/linker.config.pb
6. hex_v_0.4.3: //system/etc/linker.config.pb
7. jni-sys_v_0.3.0: //system/etc/linker.config.pb
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1. crcalc: //system/etc/linker.config.pb

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Section: pkg.m4 - Macros to locate and utilise pkg-config.

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## [72/451] Notice ID: 32854b9572502d74edbe6f0b3a916c74

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1. development/sdk: //system/etc/linker.config.pb

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  If such an object file uses only numerical parameters, data
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table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
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application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

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  5. A program that contains no derivative of any portion of the
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Section 6 states terms for distribution of such executables.

  When a "work that uses the Library" uses material from a header file
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  If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
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work.  (Executables containing this object code plus portions of the
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  Otherwise, if the work is a derivative of the Library, you may
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  6. As an exception to the Sections above, you may also combine or
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    with the Library, with the complete machine-readable "work that
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    Library will not necessarily be able to recompile the application
    to use the modified definitions.)

    b) Use a suitable shared library mechanism for linking with the
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    rather than copying library functions into the executable, and (2)
    will operate properly with a modified version of the library, if
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    c) Accompany the work with a written offer, valid for at
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    e) Verify that the user has already received a copy of these
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  This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

  4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

  If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

  5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or

linked with it, is called a "work that uses the Library".  Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

  However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library".  The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

  When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library.  The
threshold for this to be true is not precisely defined by law.

  If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work.  (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

  Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

  6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License.  Also, you must do one
of these things:

    a) Accompany the work with the complete corresponding
    machine-readable source code for the Library including whatever
    changes were used in the work (which must be distributed under
    Sections 1 and 2 above); and, if the work is an executable linked
    with the Library, with the complete machine-readable "work that
    uses the Library", as object code and/or source code, so that the
    user can modify the Library and then relink to produce a modified
    executable containing the modified Library.  (It is understood
    that the user who changes the contents of definitions files in the
    Library will not necessarily be able to recompile the application
    to use the modified definitions.)

    b) Use a suitable shared library mechanism for linking with the
    Library.  A suitable mechanism is one that (1) uses at run time a
    copy of the library already present on the user's computer system,
    rather than copying library functions into the executable, and (2)
    will operate properly with a modified version of the library, if
    the user installs one, as long as the modified version is
    interface-compatible with the version that the work was made with.

    c) Accompany the work with a written offer, valid for at
    least three years, to give the same user the materials
    specified in Subsection 6a, above, for a charge no more
    than the cost of performing this distribution.

    d) If distribution of the work is made by offering access to copy
    from a designated place, offer equivalent access to copy the above
    specified materials from the same place.

    e) Verify that the user has already received a copy of these
    materials or that you have already sent this user a copy.

  For an executable, the required form of the "work that uses the
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reproducing the executable from it.  However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
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which the executable runs, unless that component itself accompanies
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  It may happen that this requirement contradicts the license
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analogous to running a utility program or application program.  However, in
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  Because of this blurred distinction, using the ordinary General
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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   A C-program for MT19937, with initialization improved 2002/1/26.
   Coded by Takuji Nishimura and Makoto Matsumoto.

   Before using, initialize the state by using init_genrand(seed)
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;*          Anton Mitrofanov <BugMaster@narod.ru>
;*          Jason Garrett-Glaser <darkshikari@gmail.com>
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; abstraction between different calling conventions (x86_32, win64, linux64).
; It also has various other useful features to simplify writing the kind of
; DSP functions that are most often used in x264.

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  Stanislav Karchebny (options parser)
  Mathieu Monnier (SSE4 instruction patches, NASM preprocessor additions)
  Anonymous "NASM64" developer (NASM preprocessor fixes)
  Stephen Polkowski (x86 instruction patches)
  Henryk Richter (Mach-O object format)
  Ben Skeggs (patches, bug reports)
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  version 1.2.4, March 14th, 2010

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 *
 * RiscBSD kernel project
 *
 * db_disasm.c
 *
 * Kernel disassembler
 *
 * Created      : 10/02/96
 *
 * Structured after the sparc/sparc/db_disasm.c by David S. Miller &
 * Paul Kranenburg
 *
 * This code is not complete. Not all instructions are disassembled.
 */

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**Referenced files/modules (3):**
1. dng_sdk: //system/etc/linker.config.pb
2. dng_sdk: //system/lib/libdng_sdk.so
3. dng_sdk: //system/lib64/libdng_sdk.so

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1. dnsmasq/src: //system/bin/dnsmasq
2. dnsmasq/src: //system/etc/linker.config.pb
3. elfutils_v_elfutils-0.188: //system/etc/linker.config.pb

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2. downcast-rs_v_1.2.0: //system/lib64/libdowncast_rs.dylib.so

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## [81/451] Notice ID: 58dcd8452651fc8b07d1f65ce07ca8af

**Referenced files/modules (2):**
1. e2fsprogs/lib/uuid: //system/etc/linker.config.pb
2. e2fsprogs/lib/uuid: //system/lib64/libext2_uuid.so

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## [82/451] Notice ID: d50be0580c0b0a7fbc7a4830bbe6c12b

**Referenced files/modules (27):**
1. e2fsprogs/misc: //system/bin/badblocks
2. e2fsprogs/misc: //system/bin/blkid
3. e2fsprogs/misc: //system/bin/e2freefrag
4. e2fsprogs/e2fsck: //system/bin/e2fsck
5. e2fsprogs/contrib/android: //system/bin/e2fsdroid
6. e2fsprogs/misc: //system/bin/mke2fs
7. e2fsprogs/misc: //system/bin/mkfs.ext2
8. e2fsprogs/misc: //system/bin/mkfs.ext3
9. e2fsprogs/misc: //system/bin/mkfs.ext4
10. e2fsprogs/resize: //system/bin/resize2fs
11. e2fsprogs/misc: //system/bin/tune2fs
12. e2fsprogs/contrib/android: //system/etc/linker.config.pb
13. e2fsprogs/e2fsck: //system/etc/linker.config.pb
14. e2fsprogs/lib: //system/etc/linker.config.pb
15. e2fsprogs/lib/blkid: //system/etc/linker.config.pb
16. e2fsprogs/lib/e2p: //system/etc/linker.config.pb
17. e2fsprogs/lib/et: //system/etc/linker.config.pb
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23. e2fsprogs/lib/et: //system/lib64/libext2_com_err.so
24. e2fsprogs/lib/e2p: //system/lib64/libext2_e2p.so
25. e2fsprogs/misc: //system/lib64/libext2_misc.so
26. e2fsprogs/lib/support: //system/lib64/libext2_quota.so
27. e2fsprogs/lib/ext2fs: //system/lib64/libext2fs.so

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Theodore Ts'o
23-June-2007

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### [83/451] Notice ID: 2dd0510ee95e59ca28834b875bc96596

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1. eigen/blas: //system/etc/linker.config.pb
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## [86/451] Notice ID: 8de23b8e93c63005353056b2475e9aa5

**Referenced files/modules (2):**
1. eigen/blas: //system/etc/linker.config.pb
2. eigen_v_3.4.0: //system/etc/linker.config.pb

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### [87/451] Notice ID: 8aeacaf3072ecad0df7c60621f5b3fc5

**Referenced files/modules (1):**

1. either_v_1.8.1: //system/etc/linker.config.pb

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## [88/451] Notice ID: d32239bcb673463ab874e80d47fae504

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1. elfutils_v_elfutils-0.188: //system/etc/linker.config.pb

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## [89/451] Notice ID: e6a600fd5e1d9cbde2d983680233ad02

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1. elfutils_v_elfutils-0.188: //system/etc/linker.config.pb

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## [90/451] Notice ID: 73001d804ea1e3d84365f652242cca20

**Referenced files/modules (4):**
1. erofs-utils_v1.5: //system/bin/dump.erofs
2. erofs-utils_v1.5: //system/bin/fsck.erofs
3. erofs-utils_v1.5: //system/bin/mkfs.erofs
4. erofs-utils_v1.5: //system/etc/linker.config.pb

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## [91/451] Notice ID: b234ee4d69f5fce4486a80fdaf4a4263

**Referenced files/modules (16):**
1. ethtool: //system/bin/ethtool
2. iptables/iptables: //system/bin/ip6tables
3. iptables/iptables: //system/bin/ip6tables-restore
4. iptables/iptables: //system/bin/ip6tables-save
5. iptables/iptables: //system/bin/iptables
6. iptables/iptables: //system/bin/iptables-restore
7. iptables/iptables: //system/bin/iptables-save
8. elfutils_v_elfutils-0.188: //system/etc/linker.config.pb
9. ethtool: //system/etc/linker.config.pb
10. iptables/extensions: //system/etc/linker.config.pb
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2. exfatprogs/mkfs: //system/bin/mkfs.exfat
3. exfatprogs/fsck: //system/etc/linker.config.pb
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1. external_conscrypt_license: //system/apex/com.android.conscrypt.capex
2. conscrypt: //system/etc/linker.config.pb
3. conscrypt/apex: //system/etc/linker.config.pb
4. conscrypt/current: //system/etc/linker.config.pb
5. external_conscrypt_license: //system/etc/linker.config.pb
6. conscrypt: //system/framework/android.test.base.jar
7. conscrypt/current: //system/framework/android.test.base.jar
8. conscrypt: //system/framework/oat/arm/android.test.base.odex
9. conscrypt/current: //system/framework/oat/arm/android.test.base.odex
10. conscrypt: //system/framework/oat/arm/android.test.base.vdex
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13. conscrypt/current: //system/framework/oat/arm64/android.test.base.odex
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**Referenced files/modules (7):**

1. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/bin/defrag.f2fs
2. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/bin/dump.f2fs
3. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/bin/fsck.f2fs
4. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/bin/make_f2fs
5. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/bin/resize.f2fs
6. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/bin/sload_f2fs
7. f2fs-tools_v_06c027abc6153c4a97cba5317844e8dcaaee3cf7: //system/etc/linker.config.pb

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- include/f2fs_fs.h
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- lib/libf2fs_io.c
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- mkfs/f2fs_format.c
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  When a program is linked with a library, whether statically or using
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  We call this license the "Lesser" General Public License because it
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Public License.  It also provides other free software developers Less
of an advantage over competing non-free programs.  These disadvantages
are the reason we use the ordinary General Public License for many
libraries.  However, the Lesser license provides advantages in certain
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  For example, on rare occasions, there may be a special need to
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allowed to use the library.  A more frequent case is that a free
library does the same job as widely used non-free libraries.  In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.

  In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software.  For example, permission to use the GNU C Library in
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operating system, as well as its variant, the GNU/Linux operating
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    is invoked, then you must make a good faith effort to ensure that,
    in the event an application does not supply such function or
    table, the facility still operates, and performs whatever part of
    its purpose remains meaningful.

    (For example, a function in a library to compute square roots has
    a purpose that is entirely well-defined independent of the
    application.  Therefore, Subsection 2d requires that any
    application-supplied function or table used by this function must
    be optional: if the application does not supply it, the square
    root function must still compute square roots.)

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medium customarily used for software interchange.

  If distribution of object code is made by offering access to copy
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distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

  5. A program that contains no derivative of any portion of the
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  However, linking a "work that uses the Library" with the Library
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Section 6 states terms for distribution of such executables.

  When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
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threshold for this to be true is not precisely defined by law.

  If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work.  (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

  Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

  6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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modification of the work for the customer's own use and reverse
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directing the user to the copy of this License.  Also, you must do one
of these things:

    a) Accompany the work with the complete corresponding
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    changes were used in the work (which must be distributed under
    Sections 1 and 2 above); and, if the work is an executable linked
    with the Library, with the complete machine-readable "work that
    uses the Library", as object code and/or source code, so that the
    user can modify the Library and then relink to produce a modified
    executable containing the modified Library.  (It is understood
    that the user who changes the contents of definitions files in the
    Library will not necessarily be able to recompile the application
    to use the modified definitions.)

    b) Use a suitable shared library mechanism for linking with the
    Library.  A suitable mechanism is one that (1) uses at run time a
    copy of the library already present on the user's computer system,

rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

e) Verify that the user has already received a copy of these
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For an executable, the required form of the "work that uses the
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components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
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It may happen that this requirement contradicts the license
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### [98/451] Notice ID: ffad7f53f855dcddbb2a4eba565709a7

**Referenced files/modules (1):**
1. fallible-iterator_v_0.2.0: //system/etc/linker.config.pb

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### [99/451] Notice ID: 169adf333d4036757fec5d51d0876fd3

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1. fallible-streaming-iterator_v_0.1.9: //system/etc/linker.config.pb

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1. fec_v_3.0.1: //system/etc/linker.config.pb

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## [101/451] Notice ID: a062f975da2ca26745be122d5a0b1356

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### [106/451] Notice ID: 5f2ff804b57ef8b384f25f70b5b083a8

**Referenced files/modules (2):**
1. foreign-types-shared_v_0.3.1: //system/etc/linker.config.pb
2. foreign-types_v_0.3.1: //system/etc/linker.config.pb

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### [107/451] Notice ID: 998fb0b16ad8a4fb8bd41bf3faf2d21c

**Referenced files/modules (1):**
1. FP16_v_4dfe081cf6bcd15db339cf2680b9281b8451eeb3: //system/etc/linker.config.pb

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## [108/451] Notice ID: 386b770791ed918f805902706b7a5a72

**Referenced files/modules (13):**

1. frameworks/av/services/mediaextractor: //system/bin/mediaextractor
2. frameworks/av/services/mediacodec: //system/etc/linker.config.pb
3. frameworks/av/services/mediaextractor: //system/etc/linker.config.pb
4. system/keymaster: //system/etc/linker.config.pb
5. frameworks/av/services/mediacodec: //system/etc/seccomp_policy/mediacodec.policy
6. frameworks/av/services/mediaextractor: //system/etc/seccomp_policy/mediaextractor.policy
7. system/keymaster: //system/lib64/lib_android_keymaster_keymint_utils.so
8. system/keymaster: //system/lib64/libcppcose_rkp.so
9. system/keymaster: //system/lib64/libkeymaster_messages.so
10. system/keymaster: //system/lib64/libkeymaster_portable.so
11. frameworks/av/services/mediaextractor: //system/lib64/libmediaextractorservice.so
12. system/keymaster: //system/lib64/libpuresoftkeymasterdevice.so
13. system/keymaster: //system/lib64/libsoft_attestation_cert.so

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## [109/451] Notice ID: 13476f3b815ec3bff9c3ead1d27b408b

**Referenced files/modules (4):**
1. frameworks/base/cmds/abx: //system/bin/abx
2. frameworks/base/cmds/abx: //system/bin/abx2xml
3. frameworks/base/cmds/abx: //system/bin/xml2abx
4. frameworks/base/cmds/abx: //system/etc/linker.config.pb

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2. frameworks/base/cmds/appwidget: //system/bin/appwidget
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4. frameworks/base/cmds/appwidget: //system/etc/linker.config.pb
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## [111/451] Notice ID: 506fbea94b9d051d6478776c50a4c66b

**Referenced files/modules (16):**

1. frameworks/base/cmds/bmgr: //system/bin/bmgr
2. mtpd: //system/bin/mtpd
3. frameworks/base/cmds/bmgr: //system/etc/linker.config.pb
4. frameworks/base/identity/java: //system/etc/linker.config.pb
5. frameworks/base/keystore/java: //system/etc/linker.config.pb
6. mtpd: //system/etc/linker.config.pb
7. frameworks/base/identity/java: //system/framework/android.test.base.jar
8. frameworks/base/keystore/java: //system/framework/android.test.base.jar
9. frameworks/base/identity/java: //system/framework/oat/arm/android.test.base.odex
10. frameworks/base/keystore/java: //system/framework/oat/arm/android.test.base.odex
11. frameworks/base/identity/java: //system/framework/oat/arm/android.test.base.vdex
12. frameworks/base/keystore/java: //system/framework/oat/arm/android.test.base.vdex
13. frameworks/base/identity/java: //system/framework/oat/arm64/android.test.base.odex
14. frameworks/base/keystore/java: //system/framework/oat/arm64/android.test.base.odex
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## [112/451] Notice ID: b1d605d8e1aa60868fb83828a2264b4b

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1. frameworks/base/cmds/bu: //system/bin/bu
2. frameworks/base/cmds/bu: //system/etc/linker.config.pb

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1. frameworks/base/cmds/content: //system/bin/content
2. frameworks/base/cmds/content: //system/etc/linker.config.pb
3. frameworks/base/packages/FusedLocation: //system/etc/linker.config.pb
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1. frameworks/base/cmds/vr: //system/bin/vr
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## [118/451] Notice ID: 6e944c6e89aae013d84539db125275ba

**Referenced files/modules (482):**

1. frameworks/base/media/packages/BluetoothMidiService: //system/app/BluetoothMidiService/BluetoothMidiService.apk
2. frameworks/base/media/packages/BluetoothMidiService:
//system/app/BluetoothMidiService/oat/arm64/BluetoothMidiService.odex
3. frameworks/base/media/packages/BluetoothMidiService:
//system/app/BluetoothMidiService/oat/arm64/BluetoothMidiService.vdex
4. frameworks/base/packages/services/CameraExtensionsProxy:
//system/app/CameraExtensionsProxy/CameraExtensionsProxy.apk
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8. frameworks/base/packages/EasterEgg: //system/app/EasterEgg/oat/arm64/EasterEgg.odex
9. frameworks/base/packages/EasterEgg: //system/app/EasterEgg/oat/arm64/EasterEgg.vdex
10. frameworks/base/packages/services/PacProcessor: //system/app/PacProcessor/PacProcessor.apk
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12. frameworks/base/packages/services/PacProcessor: //system/app/PacProcessor/oat/arm64/PacProcessor.vdex
13. frameworks/base/packages/SimAppDialog: //system/app/SimAppDialog/SimAppDialog.apk
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16. frameworks/base/packages/WallpaperBackup: //system/app/WallpaperBackup/WallpaperBackup.apk
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**Referenced files/modules (6):**

1. frameworks/base/native/webview/plat_support: //system/etc/linker.config.pb
2. libchrome: //system/etc/linker.config.pb
3. libchrome: //system/lib/libchrome.so
4. frameworks/base/native/webview/plat_support: //system/lib/libwebviewchromium_plat_support.so
5. libchrome: //system/lib64/libchrome.so
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**Referenced files/modules (6):**
1. frameworks/base/obex: //system/etc/linker.config.pb
2. frameworks/base/obex: //system/framework/javax.obex.jar
3. frameworks/base/obex: //system/framework/oat/arm/javax.obex.odex
4. frameworks/base/obex: //system/framework/oat/arm/javax.obex.vdex
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2. frameworks/base/test-runner: //system/etc/linker.config.pb
3. frameworks/base/test-base: //system/framework/android.test.base.jar
4. frameworks/base/test-runner: //system/framework/android.test.runner.jar
5. frameworks/base/test-base: //system/framework/oat/arm/android.test.base.odex
6. frameworks/base/test-base: //system/framework/oat/arm/android.test.base.vdex
7. frameworks/base/test-runner: //system/framework/oat/arm/android.test.runner.odex
8. frameworks/base/test-runner: //system/framework/oat/arm/android.test.runner.vdex
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**Referenced files/modules (10):**
1. frameworks/compile/libbcc/tools/bcc: //system/bin/bcc
2. frameworks/compile/libbcc/bcinfo: //system/etc/linker.config.pb
3. frameworks/compile/libbcc/bcinfo/BitReader_2_7: //system/etc/linker.config.pb
4. frameworks/compile/libbcc/bcinfo/BitReader_3_0: //system/etc/linker.config.pb
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/*      $NetBSD: disassem.c,v 1.14 2003/03/27 16:58:36 mycroft Exp $    */

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 *
 * RiscBSD kernel project
 *
 * db_disasm.c
 *
 * Kernel disassembler
 *
 * Created      : 10/02/96
 *
 * Structured after the sparc/sparc/db_disasm.c by David S. Miller &
 * Paul Kranenburg
 *
 * This code is not complete. Not all instructions are disassembled.
 */
```

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## [123/451] Notice ID: 5e3b220993481d67acc2939c9bc3d029

**Referenced files/modules (15):**

1. frameworks/compile/mclinker/tools/mcld: //system/bin/ld.mc
2. frameworks/compile/mclinker/lib/ADT: //system/etc/linker.config.pb
3. frameworks/compile/mclinker/lib/Core: //system/etc/linker.config.pb
4. frameworks/compile/mclinker/lib/Fragment: //system/etc/linker.config.pb
5. frameworks/compile/mclinker/lib/LD: //system/etc/linker.config.pb
6. frameworks/compile/mclinker/lib/MC: //system/etc/linker.config.pb
7. frameworks/compile/mclinker/lib/Object: //system/etc/linker.config.pb
8. frameworks/compile/mclinker/lib/Script: //system/etc/linker.config.pb
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11. frameworks/compile/mclinker/lib/Target/AArch64: //system/etc/linker.config.pb
12. frameworks/compile/mclinker/lib/Target/AArch64/TargetInfo: //system/etc/linker.config.pb
13. frameworks/compile/mclinker/lib/Target/ARM: //system/etc/linker.config.pb
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## [124/451] Notice ID: 78d156d2b3a3820ad57f726cd03c948b

**Referenced files/modules (3):**
1. frameworks/compile/slang: //system/etc/linker.config.pb
2. frameworks/compile/slang/BitWriter_3_2: //system/etc/linker.config.pb
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Program             Directory
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Autoconf            llvm/autoconf
            llvm/projects/ModuleMaker/autoconf
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CellSPU backend     llvm/lib/Target/CellSPU/README.txt
Google Test         llvm/utils/unittest/googletest
OpenBSD regex       llvm/lib/Support/{reg*, COPYRIGHT.regex}
```

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## [125/451] Notice ID: 94279ee825fb6d0c11f8fbdd852fc1ae

**Referenced files/modules (3):**

1. frameworks/native/cmds/atrace: //system/bin/atrace
2. frameworks/native/cmds/atrace: //system/etc/ftrace_synthetic_events.conf
3. frameworks/native/cmds/atrace: //system/etc/linker.config.pb

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## [126/451] Notice ID: adb7a97e9264856ad71d8116e33d1cb7

**Referenced files/modules (4):**
1. frameworks/native/libs/binder/ndk: //system/etc/linker.config.pb
2. prebuilts/runtime/mainline/platform/sdk: //system/etc/linker.config.pb
3. frameworks/native/libs/binder/ndk: //system/lib/libbinder_ndk.so
4. frameworks/native/libs/binder/ndk: //system/lib64/libbinder_ndk.so

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1. frameworks/native/libs/ultrahdr: //system/etc/linker.config.pb
2. frameworks/native/libs/ultrahdr: //system/lib/libjpegdecoder.so
3. frameworks/native/libs/ultrahdr: //system/lib/libjpegencoder.so
4. frameworks/native/libs/ultrahdr: //system/lib/libultrahdr.so
5. frameworks/native/libs/ultrahdr: //system/lib64/libjpegdecoder.so
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2. frameworks/rs/driver/runtime: //system/lib/libclcore.bc
3. frameworks/rs/driver/runtime: //system/lib/libclcore_debug.bc
4. frameworks/rs/driver/runtime: //system/lib/libclcore_debug_g.bc
5. frameworks/rs/driver/runtime: //system/lib/libclcore_g.bc
6. frameworks/rs/driver/runtime: //system/lib/libclcore_neon.bc
7. frameworks/rs/driver/runtime: //system/lib64/libclcore.bc
8. frameworks/rs/driver/runtime: //system/lib64/libclcore_debug.bc

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**Referenced files/modules (410):**
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2. frameworks_av_license: //system/apex/com.android.media.swcodec.capex
3. frameworks/av/media/audioserver: //system/bin/audioserver
4. frameworks/native/cmds/bugreport: //system/bin/bugreport
5. frameworks/native/cmds/bugreportz: //system/bin/bugreportz
6. frameworks/native/cmds/dumpstate: //system/bin/dumpstate
7. frameworks/native/services/gpuservice: //system/bin/gpuservice
8. frameworks/native/cmds/idlcli: //system/bin/idlcli
9. frameworks/native/cmds/installd: //system/bin/installd
10. frameworks/native/services/surfaceflinger/Tracing/tools: //system/bin/layertracegenerator
11. frameworks/native/cmds/lshal: //system/bin/lshal
12. frameworks/av/services/mediametrics: //system/bin/mediametrics
13. frameworks/native/cmds/installd: //system/bin/migrate_legacy_obb_data
14. frameworks/native/cmds/rss_hwm_reset: //system/bin/rss_hwm_reset
15. frameworks/av/cmds/screenrecord: //system/bin/screenrecord
16. frameworks/native/services/sensorservice: //system/bin/sensorservice
17. frameworks/native/libs/binder: //system/bin/servicedispatcher
18. frameworks/native/cmds/servicemanager: //system/bin/servicemanager
19. frameworks/native/services/surfaceflinger: //system/bin/surfaceflinger
20. frameworks_native_license: //system/etc/bpf/gpuMem.o
21. frameworks_native_license: //system/etc/bpf/gpuWork.o
22. Media/current: //system/etc/linker.config.pb
23. frameworks/av: //system/etc/linker.config.pb
24. frameworks/av/apex: //system/etc/linker.config.pb
25. frameworks/av/camera/ndk: //system/etc/linker.config.pb
26. frameworks/av/cmds/screenrecord: //system/etc/linker.config.pb
27. frameworks/av/drm/libmediadrm: //system/etc/linker.config.pb
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30. frameworks/av/media/codec2/core: //system/etc/linker.config.pb
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38. frameworks/av/media/img_utils: //system/etc/linker.config.pb
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58. frameworks/av/media/module/bufferpool/2.0: //system/etc/linker.config.pb
59. frameworks/av/media/module/esds: //system/etc/linker.config.pb
60. frameworks/av/media/module/libmediaformatshaper: //system/etc/linker.config.pb
61. frameworks/av/media/module/libmediatranscoding: //system/etc/linker.config.pb
62. frameworks/av/media/module/metadatautils: //system/etc/linker.config.pb
63. frameworks/av/media/module/minijail: //system/etc/linker.config.pb
64. frameworks/av/media/ndk: //system/etc/linker.config.pb
65. frameworks/av/media/utils: //system/etc/linker.config.pb
66. frameworks/av/services/audiopolicy: //system/etc/linker.config.pb
67. frameworks/av/services/audiopolicy/common: //system/etc/linker.config.pb
68. frameworks/av/services/audiopolicy/common/managerdefinitions: //system/etc/linker.config.pb
69. frameworks/av/services/audiopolicy/engine/common: //system/etc/linker.config.pb
70. frameworks/av/services/audiopolicy/engine/config: //system/etc/linker.config.pb
71. frameworks/av/services/audiopolicy/engine/interface: //system/etc/linker.config.pb

72. frameworks/av/services/audiopolicy/enginedefault: //system/etc/linker.config.pb
73. frameworks/av/services/audiopolicy/managerdefault: //system/etc/linker.config.pb
74. frameworks/av/services/audiopolicy/service: //system/etc/linker.config.pb
75. frameworks/av/services/medialog: //system/etc/linker.config.pb
76. frameworks/av/services/mediametrics: //system/etc/linker.config.pb
77. frameworks/av/services/mediaresourcemanager: //system/etc/linker.config.pb
78. frameworks/av/services/oboeservice: //system/etc/linker.config.pb
79. frameworks/native: //system/etc/linker.config.pb
80. frameworks/native/cmds/bugreport: //system/etc/linker.config.pb
81. frameworks/native/cmds/bugreportz: //system/etc/linker.config.pb
82. frameworks/native/cmds/dumpstate: //system/etc/linker.config.pb
83. frameworks/native/cmds/idlcli: //system/etc/linker.config.pb
84. frameworks/native/cmds/installd: //system/etc/linker.config.pb
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## [135/451] Notice ID: a790d2d62d57c10803f3a44428e09dae

**Referenced files/modules (3):**

1. freetype_v_0b62c1e43dc4b0e3c50662aac757e4f7321e5466: //system/etc/linker.config.pb
2. freetype_v_0b62c1e43dc4b0e3c50662aac757e4f7321e5466: //system/lib/libft2.so
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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

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This differs from Colin Plumb's older public domain implementation in that
no exactly 32-bit integer data type is required (any 32-bit or wider
unsigned integer data type will do), there's no compile-time endianness
configuration, and the function prototypes match OpenSSL's.  No code from
Colin Plumb's implementation has been reused; this comment merely compares
the properties of the two independent implementations.

The primary goals of this implementation are portability and ease of use.
It is meant to be fast, but not as fast as possible.  Some known
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Try to find Harfbuzz include and library directories.

After successful discovery, this will set for inclusion where needed:

```
HarfBuzz_INCLUDE_DIRS - containg the HarfBuzz headers
HarfBuzz_LIBRARIES - containg the HarfBuzz library

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Google Author(s): Behdad Esfahbod

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## [136/451] Notice ID: dafc8804aea9ee78c7810fd00604712a

**Referenced files/modules (3):**
1. freetype_v_0b62c1e43dc4b0e3c50662aac757e4f7321e5466: //system/etc/linker.config.pb
2. freetype_v_0b62c1e43dc4b0e3c50662aac757e4f7321e5466: //system/lib/libft2.so
3. freetype_v_0b62c1e43dc4b0e3c50662aac757e4f7321e5466: //system/lib64/libft2.so

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## [137/451] Notice ID: 9e259e5594a3f87cad5c1fc687edd24d

**Referenced files/modules (2):**
1. fsck_msdos_v_b60894b10adb071a8dc2b6fea5f9867c24bc9c47: //system/bin/fsck_msdos
2. fsck_msdos_v_b60894b10adb071a8dc2b6fea5f9867c24bc9c47: //system/etc/linker.config.pb

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**Referenced files/modules (2):**
1. fsverity-utils_v_20e87c13075a8e5660a8d69fd6c93d4f7c5f01a5: //system/etc/linker.config.pb
2. fsverity-utils_v_20e87c13075a8e5660a8d69fd6c93d4f7c5f01a5: //system/lib64/libfsverity.so

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**Referenced files/modules (2):**

1. gavinhoward/bc_v_6.5.0: //system/bin/bc
2. gavinhoward/bc_v_6.5.0: //system/etc/linker.config.pb

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* rofl0r
* Zach van Rijn (me@zv.io)

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## [141/451] Notice ID: 08cf50287469d314ddbee33f572260a7

**Referenced files/modules (8):**
1. getrandom_v_0.2.8: //system/etc/linker.config.pb
2. rand_chacha_v_0.3.1: //system/etc/linker.config.pb
3. rand_core_v_0.6.4: //system/etc/linker.config.pb
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6. rand_v_0.8.5: //system/lib64/librand.dylib.so
7. rand_chacha_v_0.3.1: //system/lib64/librand_chacha.dylib.so
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**Referenced files/modules (4):**
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2. rand_chacha_v_0.3.1: //system/etc/linker.config.pb
3. getrandom_v_0.2.8: //system/lib64/libgetrandom.dylib.so
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### [143/451] Notice ID: c80d1a3b623f72bb85a4c75b556551df

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**Referenced files/modules (2):**
1. googletest/googlemock: //system/etc/linker.config.pb
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2. gptfdisk_v_cb4bf320748f701a0ed835d4a410f2960f1ce0bd: //system/etc/linker.config.pb

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```
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```
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---

## [148/451] Notice ID: d846d1d65baf322d4c485d6ee54e877a

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1. GWP-ASan_v_8f5e1755ca385566c0352a9bd292218cebfd3d0b: //system/etc/linker.config.pb
2. Scudo Standalone_v_161cca266a9d0b6deb5f1fd2de8ad543649a7fa1: //system/etc/linker.config.pb

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## [149/451] Notice ID: 7dda4e90ded66ab88b86f76169f28663

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1. hamcrest/hamcrest-core: //system/etc/linker.config.pb

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%     tag: pl
% version: 3.0a, Wednesday, May 17th, 1995
% authors:
%   -
%     name: Hanna Kołodziejska
%   -
%     name: Bogusław Jackowski
%     contact: b_jackowski (at) gust.org.pl
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%
%                                                 Donald E. Knuth
% hyphenmins:
%     typesetting:
%         left: 2
%         right: 2
% changes:
%     - The first version of the patterns was developed
%           by Hanna Kołodziejska (1987).
%     - The adaptation to the LeX format (see below) and extensive modification
%           were done by Bogusław Jackowski & Marek Ryćko (1987--1989).
%     - The hyphenation rules were further improved and adapted to the
%           TeX 3.x requirements by Hanna Kołodziejska (1991).
%     - Lone-standing version (3.0a) of patterns was prepared (under pressure
%           from LaTeX users) by Bogusław Jackowski and Marek Ryćko, following
%           Mariusz Olko's suggestions, 1995.
%     - The LeX format mentioned above was the first version of the adaptation
%           of TeX to the Polish language. The next version is called MeX.
% texlive:
%     encoding: qx
%     babelname: polish
%     legacy_patterns: plhyph.tex
%     message: Polish hyphenation patterns
%     description: |-
%         Hyphenation patterns for Polish in QX and UTF-8 encodings.
%         These patterns are also used by Polish TeX formats MeX and LaMeX.
```

---

## [167/451] Notice ID: 1920d572c2fc37544b4e4a2c57228695

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Author:   conversion author is Peter Novodvorsky <nidd@altlinux.ru>

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### [176/451] Notice ID: 3d073e3c237686dd7d41b7b3303fb2be

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## [181/451] Notice ID: 4fbd65380cdd255951079008b364516c

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2. iproute2/misc: //system/bin/ss
3. iproute2/tc: //system/bin/tc
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**Referenced files/modules (2):**
1. ipsec-tools_v_0.7.3: //system/bin/racoon
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sha2.h

Version 1.0.0beta1

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@(#)queue.h     8.5 (Berkeley) 8/20/94
$FreeBSD: src/sys/sys/queue.h,v 1.58 2004/04/07 04:19:49 imp Exp $

04/24/2004    Backport to v1.45 functionality for ipsec-tools
            Heiko Hund <heiko@ist.eigentlich.net>

---

## [212/451] Notice ID: 48776ce854fc108c91c517b4118f90d1

**Referenced files/modules (7):**
1. iputils: //system/bin/arping
2. iputils: //system/bin/ping
3. iputils: //system/bin/ping6
4. iputils: //system/bin/tracepath
5. iputils: //system/bin/tracepath6
6. iputils: //system/bin/traceroute6
7. iputils: //system/etc/linker.config.pb

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## [213/451] Notice ID: 932c8a7105b51ec162cd407336bec973

**Referenced files/modules (6):**
1. itoa_v_1.0.5: //system/etc/linker.config.pb
2. serde_json_v_1.0.93: //system/etc/linker.config.pb
3. serde_v_1.0.152: //system/etc/linker.config.pb
4. itoa_v_1.0.5: //system/lib64/libitoa.dylib.so
5. serde_v_1.0.152: //system/lib64/libserde.dylib.so
6. serde_json_v_1.0.93: //system/lib64/libserde_json.dylib.so

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## [214/451] Notice ID: 878618a5c4af25e9b93ef0be1a93f774

**Referenced files/modules (2):**

1. iw: //system/bin/iw
2. iw: //system/etc/linker.config.pb

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### [215/451] Notice ID: 193234e9bd505bff9dfaf64a0682759d

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### [217/451] Notice ID: 5d73c165a0f9e86a1342f32d19ec5926

**Referenced files/modules (3):**
1. jsoncpp_v_1.9.5: //system/etc/linker.config.pb
2. jsoncpp_v_1.9.5: //system/lib/libjsoncpp.so
3. jsoncpp_v_1.9.5: //system/lib64/libjsoncpp.so

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### [218/451] Notice ID: 0817108fed9b25654f41523d275052e5

**Referenced files/modules (6):**
1. jsr305: //system/etc/linker.config.pb
2. jsr305: //system/framework/android.test.base.jar
3. jsr305: //system/framework/oat/arm/android.test.base.odex
4. jsr305: //system/framework/oat/arm/android.test.base.vdex
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## [219/451] Notice ID: b4c651b47032f2eff8c53448f36f5ab1

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3. kotlinc_v1.8.10: //system/framework/oat/arm/android.test.base.odex
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1. libcups_v2.3.3: //system/etc/linker.config.pb
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**Referenced files/modules (4):**
1. libcxx: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
2. libcxx: //system/etc/linker.config.pb
3. libcxx: //system/lib/libc++.so
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**Referenced files/modules (5):**
1. libcxxabi: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
2. libcxxabi: //system/app/Camera2/lib/arm64/libjni_tinyplanet.so
3. libcxxabi: //system/app/NfcNci/lib/arm64/libnfc_nci_jni.so
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**Referenced files/modules (5):**
1. libcxxabi: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
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## [240/451] Notice ID: 243b725d71bb5df4a1e5920b344b86ad

**Referenced files/modules (2):**
1. libexif_v_0.6.21: //system/etc/linker.config.pb
2. libexif_v_0.6.21: //system/lib64/libexif.so

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**Referenced files/modules (4):**
1. libfdtrack: //system/etc/linker.config.pb
2. libfdtrack_32: //system/etc/linker.config.pb
3. libfdtrack_32: //system/lib/libfdtrack.so
4. libfdtrack: //system/lib64/libfdtrack.so

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1. libgsm_v_1.0.18: //system/etc/linker.config.pb

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## [243/451] Notice ID: 970f17d51650fe54e4f839c6e6121f79

**Referenced files/modules (4):**
1. libjpeg-turbo_v_ad8b3b0f84baf155f3bde5626c3bf9d20535bcae: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
2. libjpeg-turbo_v_ad8b3b0f84baf155f3bde5626c3bf9d20535bcae: //system/etc/linker.config.pb
3. libjpeg-turbo_v_ad8b3b0f84baf155f3bde5626c3bf9d20535bcae: //system/lib/libjpeg.so
4. libjpeg-turbo_v_ad8b3b0f84baf155f3bde5626c3bf9d20535bcae: //system/lib64/libjpeg.so

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### [244/451] Notice ID: a80942724a5c3039604dd873666335fc

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## [247/451] Notice ID: 1d4b0366557951c84a94fabe3529f867

**Referenced files/modules (2):**
1. libpcap_v_libpcap-1.10.3: //system/etc/linker.config.pb
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## [248/451] Notice ID: ded617e975f28e15952dc68b84a7ac1a

**Referenced files/modules (3):**
1. libpcre2_v_pcre2-10.42: //system/etc/linker.config.pb
2. libpcre2_v_pcre2-10.42: //system/lib/libpcre2.so
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**Referenced files/modules (3):**

1. libpng_v1.6.39: //system/etc/linker.config.pb
2. libpng_v1.6.39: //system/lib/libpng.so
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1. libsqlite3-sys_v_0.22.2: //system/etc/linker.config.pb
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### [252/451] Notice ID: bbd772e6008792490dcfd39832fee4ce

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1. liburing_v_2.2: //system/etc/linker.config.pb

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### [254/451] Notice ID: 2044417e2e5006b65a8b9067b683fcf1

**Referenced files/modules (4):**
1. libxml2_v_e7c3a4ca1be916d84e8182fb5de3a9c7a27bfe11: //system/app/NfcNci/lib/arm64/libnfc_nci_jni.so
2. libxml2_v_e7c3a4ca1be916d84e8182fb5de3a9c7a27bfe11: //system/etc/linker.config.pb
3. libxml2_v_e7c3a4ca1be916d84e8182fb5de3a9c7a27bfe11: //system/lib/libxml2.so
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## [255/451] Notice ID: 464282cfb405b005b9637f11103a7325

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1. libyuv/files: //system/etc/linker.config.pb
2. libyuv/files: //system/lib64/libyuv.so

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1. libyuv/files: //system/etc/linker.config.pb
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## [257/451] Notice ID: 7786b739ebd6e0420acdfb5d4a696e5b

**Referenced files/modules (2):**
1. libz-sys_v_1.1.8: //system/etc/linker.config.pb
2. libz-sys_v_1.1.8: //system/lib64/liblibz_sys.dylib.so

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## [258/451] Notice ID: 27d106bd9cfc4b0f79e0fc1844adc916

**Referenced files/modules (23):**
1. linker_32: //system/bin/bootstrap/linker
2. linker: //system/bin/bootstrap/linker64
3. linker_32: //system/bin/bootstrap/linker_asan
4. linker: //system/bin/bootstrap/linker_asan64
5. linker: //system/bin/bootstrap/linker_hwasan64
6. ldd: //system/bin/ldd
7. linker_32: //system/bin/linker
8. linker: //system/bin/linker64
9. linker_32: //system/bin/linker_asan
10. linker: //system/bin/linker_asan64
11. linker: //system/bin/linker_hwasan64
12. android_arm64_armv8-a_cortex-a55_static: //system/etc/linker.config.pb
13. android_arm_armv8-2a_cortex-a55_static: //system/etc/linker.config.pb
14. ld-android: //system/etc/linker.config.pb
15. ld-android_32: //system/etc/linker.config.pb
16. ldd: //system/etc/linker.config.pb
17. linker: //system/etc/linker.config.pb
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20. linker_sources_arm: //system/etc/linker.config.pb
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## [259/451] Notice ID: 9071c0af1120ea2ce3f049de701c46cf

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1. llvm/lib/Support: //system/etc/linker.config.pb

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### [260/451] Notice ID: 43fdaa303c1c5589ad60f4ffc6a0b9ce

**Referenced files/modules (6):**

1. llvm: //system/etc/linker.config.pb
2. llvm/lib/Bitcode/Reader: //system/etc/linker.config.pb
3. llvm/lib/IR: //system/etc/linker.config.pb
4. llvm/lib/MC: //system/etc/linker.config.pb
5. llvm/lib/MC/MCParser: //system/etc/linker.config.pb
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md5 contributions   llvm/lib/Support/MD5.cpp llvm/include/llvm/Support/MD5.h
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## [261/451] Notice ID: 47e311aa9caedd1b3abf098bd7814d1d

**Referenced files/modules (6):**

1. llvm: //system/etc/linker.config.pb
2. llvm/lib/Bitcode/Reader: //system/etc/linker.config.pb
3. llvm/lib/IR: //system/etc/linker.config.pb
4. llvm/lib/MC: //system/etc/linker.config.pb
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md5 contributions   llvm/lib/Support/MD5.cpp llvm/include/llvm/Support/MD5.h
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## [262/451] Notice ID: 1d13600d35d841f24921c4ba36a93f59

**Referenced files/modules (2):**
1. log_v_0.4.17: //system/etc/linker.config.pb
2. log_v_0.4.17: //system/lib64/liblog_rust.dylib.so

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### [263/451] Notice ID: ef478836c78b81024b5f15620fce6806

**Referenced files/modules (2):**
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2. log_v_0.4.17: //system/lib64/liblog_rust.dylib.so

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**Referenced files/modules (3):**
1. lzma/C: //system/etc/linker.config.pb
2. lzma/C: //system/lib/liblzma.so
3. lzma/C: //system/lib64/liblzma.so

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## [266/451] Notice ID: 50a0e730f16d0460ec02b1f66704b9ab

**Referenced files/modules (2):**
1. macaddr_v_1.0.1: //system/etc/linker.config.pb
2. macaddr_v_1.0.1: //system/lib64/libmacaddr.dylib.so

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## [267/451] Notice ID: 31c50371921e0fb731003bbc665f29bf

**Referenced files/modules (4):**
1. mdnsresponder: //system/bin/mdnsd
2. mdnsresponder: //system/etc/linker.config.pb
3. mdnsresponder: //system/lib/libmdnssd.so
4. mdnsresponder: //system/lib64/libmdnssd.so

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## [268/451] Notice ID: a1574130be3735fa47b2ac6ee6dba590

**Referenced files/modules (2):**
1. memoffset_v_0.8.0: //system/etc/linker.config.pb
2. memoffset_v_0.8.0: //system/lib64/libmemoffset.dylib.so

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### [269/451] Notice ID: 2db9e256c5a76652eab2960f5a6e1879

**Referenced files/modules (6):**
1. mime-support_v_Debian/3.63: //system/etc/linker.config.pb
2. mime-support_v_Debian/3.63: //system/framework/android.test.base.jar
3. mime-support_v_Debian/3.63: //system/framework/oat/arm/android.test.base.odex
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### [270/451] Notice ID: 3723389cefa40c1f86f2d5c122b17d31

**Referenced files/modules (2):**
1. minijail: //system/etc/linker.config.pb
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### [272/451] Notice ID: acd38581826c5370a3c2d7aa40ebecfb

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**Referenced files/modules (3):**

1. mksh_v_mksh-R59c: //system/bin/sh
2. mksh_v_mksh-R59c: //system/etc/linker.config.pb
3. mksh_v_mksh-R59c: //system/etc/mkshrc

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1. modp_b64: //system/etc/linker.config.pb

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 * http://modp.com/release/base64
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## [276/451] Notice ID: ac1cb0cf55c81fc1cf7dfe7194c95f26

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1. nanohttpd: //system/etc/linker.config.pb

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## [277/451] Notice ID: 35a561d49c7ee0ef3e5db23efb3bab7a

**Referenced files/modules (5):**
1. neven: //system/etc/linker.config.pb
2. neven: //system/lib/libFFTEm.so
3. neven: //system/lib64/libFFTEm.so
4. neven: //system/usr/share/bmd/RFFspeed_501.bmd
5. neven: //system/usr/share/bmd/RFFstd_501.bmd

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## [278/451] Notice ID: 0390a25ac3be97f91b5b9540e5e1f405

**Referenced files/modules (2):**
1. newfs_msdos_v_6424881cc82a65a833fc6fb79730474caedf6222: //system/bin/newfs_msdos
2. newfs_msdos_v_6424881cc82a65a833fc6fb79730474caedf6222: //system/etc/linker.config.pb

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### [279/451] Notice ID: a95f1aff48255390c7a4ee3e2066b9d4

**Referenced files/modules (1):**
1. nist-sip: //system/etc/linker.config.pb

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### [280/451] Notice ID: ccd7a7e44f176e97656d14a620034643

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NIST-CONDITIONS-OF-USE.txt
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Applies to the classes under the hierarchy "gov.nist" and under the "tools"
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```

---

### [281/451] Notice ID: c3daafddcb5c838aa721e37010f5dca1

**Referenced files/modules (2):**
1. nix_v_0.26.2: //system/etc/linker.config.pb
2. nix_v_0.26.2: //system/lib64/libnix.dylib.so

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## [282/451] Notice ID: 3a8cf0a877d7cb6a70c59ecbfea9e53d

**Referenced files/modules (1):**
1. nom_v_7.1.3: //system/etc/linker.config.pb

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## [283/451] Notice ID: 55719faa0112708e946b820b24b14097

**Referenced files/modules (8):**
1. noto-fonts/emoji-compat: //system/etc/linker.config.pb
2. notosanscjk_v_2.004: //system/etc/linker.config.pb
3. notoserifcjk_v_1.001: //system/etc/linker.config.pb
4. noto-fonts/emoji-compat: //system/fonts/NotoColorEmoji.ttf
5. noto-fonts/emoji-compat: //system/fonts/NotoColorEmojiFlags.ttf
6. noto-fonts/emoji-compat: //system/fonts/NotoColorEmojiLegacy.ttf
7. notosanscjk_v_2.004: //system/fonts/NotoSansCJK-Regular.ttc
8. notoserifcjk_v_1.001: //system/fonts/NotoSerifCJK-Regular.ttc

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## [284/451] Notice ID: bfb47a262feb217f297d17ee03049a29

**Referenced files/modules (4):**
1. noto-fonts/emoji-compat: //system/etc/linker.config.pb
2. noto-fonts/emoji-compat: //system/fonts/NotoColorEmoji.ttf
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## [285/451] Notice ID: f319a2b8bcf8e25835957d7835f177b0

**Referenced files/modules (3):**
1. notonaskharabic_v_1.080: //system/etc/linker.config.pb
2. notonaskharabic_v_1.080: //system/fonts/NotoNaskhArabic-Bold.ttf
3. notonaskharabic_v_1.080: //system/fonts/NotoNaskhArabic-Regular.ttf

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## [286/451] Notice ID: 6536de90aa507e8786e54037026bbc81

**Referenced files/modules (136):**

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2. notosansanatolianhieroglyphs_v_2.000: //system/etc/linker.config.pb
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4. notosansbhaiksuki_v_1.900: //system/etc/linker.config.pb
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6. notosanscarian_v_1.050: //system/etc/linker.config.pb
7. notosanscuneiform_v_1.050: //system/etc/linker.config.pb
8. notosanscypriot_v_1.030: //system/etc/linker.config.pb
9. notosansdeseret_v_1.020: //system/etc/linker.config.pb
10. notosansdevanagariui_v_2.000: //system/etc/linker.config.pb
11. notosansegyptianhieroglyphs_v_1.040: //system/etc/linker.config.pb
12. notosanselbasan_v_2.000: //system/etc/linker.config.pb
13. notosansglagolitic_v_1.040: //system/etc/linker.config.pb
14. notosansgothic_v_1.030: //system/etc/linker.config.pb
15. notosansgujaratiui_v_1.030: //system/etc/linker.config.pb
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17. notosansgurmukhiui_v_2.001: //system/etc/linker.config.pb
18. notosanshatran_v_2.000: //system/etc/linker.config.pb
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39. notosansogham_v_1.040: //system/etc/linker.config.pb
40. notosansolditalic_v_1.020: //system/etc/linker.config.pb
41. notosansoldnortharabian_v_2.000: //system/etc/linker.config.pb
42. notosansoldpermic_v_2.000: //system/etc/linker.config.pb
43. notosansoldpersian_v_1.040: //system/etc/linker.config.pb
44. notosansoldsoutharabian_v_1.030: //system/etc/linker.config.pb
45. notosansoldturkic_v_1.020: //system/etc/linker.config.pb
46. notosansoriyaui_v_1.010: //system/etc/linker.config.pb
47. notosanspalmyrene_v_2.000: //system/etc/linker.config.pb
48. notosansphagspa_v_1.030: //system/etc/linker.config.pb
49. notosansphoenician_v_1.040: //system/etc/linker.config.pb
50. notosansrunic_v_1.020: //system/etc/linker.config.pb
51. notosanssamaritan_v_1.030: //system/etc/linker.config.pb
52. notosansshavian_v_1.030: //system/etc/linker.config.pb
53. notosanssinhalaui_v_2.001: //system/etc/linker.config.pb
54. notosanssoyombo_v_2.000: //system/etc/linker.config.pb
55. notosanstamilui_v_2.003: //system/etc/linker.config.pb
56. notosansteluguui_v_2.004: //system/etc/linker.config.pb
57. notosansthaiui_v_1.040: //system/etc/linker.config.pb
58. notosansugaritic_v_1.020: //system/etc/linker.config.pb
59. notoserif_v_1.070: //system/etc/linker.config.pb
60. notoserifmyanmar_v_2.001: //system/etc/linker.config.pb
61. notoserifnyiakengpuachuehmong_v_1.000: //system/etc/linker.config.pb
62. notoserifyezidi_v_1.000: //system/etc/linker.config.pb
63. notonaskharabicui_v_1.080: //system/fonts/NotoNaskhArabicUI-Bold.ttf
64. notonaskharabicui_v_1.080: //system/fonts/NotoNaskhArabicUI-Regular.ttf
65. notosansanatolianhieroglyphs_v_2.000: //system/fonts/NotoSansAnatolianHieroglyphs-Regular.otf
66. notosansbengaliui_v_2.001: //system/fonts/NotoSansBengaliUI-VF.ttf
67. notosansbhaiksuki_v_1.900: //system/fonts/NotoSansBhaiksuki-Regular.otf
68. notosansbrahmi_v_1.030: //system/fonts/NotoSansBrahmi-Regular.ttf
69. notosanscarian_v_1.050: //system/fonts/NotoSansCarian-Regular.ttf
70. notosanscuneiform_v_1.050: //system/fonts/NotoSansCuneiform-Regular.ttf
71. notosanscypriot_v_1.030: //system/fonts/NotoSansCypriot-Regular.ttf
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73. notosansdevanagariui_v_2.000: //system/fonts/NotoSansDevanagariUI-VF.ttf
74. notosansegyptianhieroglyphs_v_1.040: //system/fonts/NotoSansEgyptianHieroglyphs-Regular.ttf
75. notosanselbasan_v_2.000: //system/fonts/NotoSansElbasan-Regular.otf
76. notosansglagolitic_v_1.040: //system/fonts/NotoSansGlagolitic-Regular.ttf
77. notosansgothic_v_1.030: //system/fonts/NotoSansGothic-Regular.ttf
78. notosansgujaratiui_v_1.030: //system/fonts/NotoSansGujaratiUI-Bold.ttf
79. notosansgujaratiui_v_1.030: //system/fonts/NotoSansGujaratiUI-Regular.ttf
80. notosansgunjalagondi_v_1.001: //system/fonts/NotoSansGunjalaGondi-Regular.otf
81. notosansgurmukhiui_v_2.001: //system/fonts/NotoSansGurmukhiUI-VF.ttf
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83. notosansimperialaramaic_v_1.030: //system/fonts/NotoSansImperialAramaic-Regular.ttf
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85. notosansinscriptionalparthian_v_1.030: //system/fonts/NotoSansInscriptionalParthian-Regular.ttf
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87. notosanskannadaui_v_2.003: //system/fonts/NotoSansKannadaUI-VF.ttf
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91. notosanslaoui_v_1.030: //system/fonts/NotoSansLaoUI-Bold.ttf
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93. notosanslineara_v_2.000: //system/fonts/NotoSansLinearA-Regular.otf
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96. notosanslydian_v_1.030: //system/fonts/NotoSansLydian-Regular.ttf
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102. notosansmyanmarui_v_2.000: //system/fonts/NotoSansMyanmarUI-Bold.otf
103. notosansmyanmarui_v_2.000: //system/fonts/NotoSansMyanmarUI-Medium.otf
104. notosansmyanmarui_v_2.000: //system/fonts/NotoSansMyanmarUI-Regular.otf
105. notosansnko_todelist_v_1.020: //system/fonts/NotoSansNKo-Regular.ttf
106. notosansnabataean_v_2.000: //system/fonts/NotoSansNabataean-Regular.otf
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110. notosansoldpermic_v_2.000: //system/fonts/NotoSansOldPermic-Regular.otf
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115. notosansoriyaui_v_1.010: //system/fonts/NotoSansOriyaUI-Regular.ttf
116. notosanspalmyrene_v_2.000: //system/fonts/NotoSansPalmyrene-Regular.otf

117. notosansphagspa_v_1.030: //system/fonts/NotoSansPhagsPa-Regular.ttf
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120. notosanssamaritan_v_1.030: //system/fonts/NotoSansSamaritan-Regular.ttf
121. notosansshavian_v_1.030: //system/fonts/NotoSansShavian-Regular.ttf
122. notosanssinhalaui_v_2.001: //system/fonts/NotoSansSinhalaUI-VF.ttf
123. notosanssoyombo_v_2.000: //system/fonts/NotoSansSoyombo-VF.ttf
124. notosanstamilui_v_2.003: //system/fonts/NotoSansTamilUI-VF.ttf
125. notosansteluguui_v_2.004: //system/fonts/NotoSansTeluguUI-VF.ttf
126. notosansthaiui_v_1.040: //system/fonts/NotoSansThaiUI-Bold.ttf
127. notosansthaiui_v_1.040: //system/fonts/NotoSansThaiUI-Regular.ttf
128. notosansugaritic_v_1.020: //system/fonts/NotoSansUgaritic-Regular.ttf
129. notoserif_v_1.070: //system/fonts/NotoSerif-Bold.ttf
130. notoserif_v_1.070: //system/fonts/NotoSerif-BoldItalic.ttf
131. notoserif_v_1.070: //system/fonts/NotoSerif-Italic.ttf
132. notoserif_v_1.070: //system/fonts/NotoSerif-Regular.ttf
133. notoserifmyanmar_v_2.001: //system/fonts/NotoSerifMyanmar-Bold.otf
134. notoserifmyanmar_v_2.001: //system/fonts/NotoSerifMyanmar-Regular.otf
135. notoserifnyiakengpuachuehmong_v_1.000: //system/fonts/NotoSerifNyiakengPuachueHmong-VF.ttf
136. notoserifyezidi_v_1.000: //system/fonts/NotoSerifYezidi-VF.ttf

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## [287/451] Notice ID: 7ce7cd1b58b3d864c1b05f4c236207c2

**Referenced files/modules (2):**
1. notosansadlam_v_3.000: //system/etc/linker.config.pb
2. notosansadlam_v_3.000: //system/fonts/NotoSansAdlam-VF.ttf

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## [288/451] Notice ID: 129f4bf6f716a318449821610548e081

**Referenced files/modules (4):**
1. notosansarmenian_v_2.005: //system/etc/linker.config.pb
2. notoserifarmenian_v_2.005: //system/etc/linker.config.pb
3. notosansarmenian_v_2.005: //system/fonts/NotoSansArmenian-VF.ttf
4. notoserifarmenian_v_2.005: //system/fonts/NotoSerifArmenian-VF.ttf

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## [289/451] Notice ID: 2f98c99ef876c9684509e8e6d06b1df9

**Referenced files/modules (2):**

1. notosansavestan_v_1.040: //system/etc/linker.config.pb
2. notosansavestan_v_1.040: //system/fonts/NotoSansAvestan-Regular.ttf

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### [291/451] Notice ID: 6c4e2fb415ed3d36a4f6ec5b6e4e9a49

**Referenced files/modules (2):**
1. notosansbamum_v_1.030: //system/etc/linker.config.pb
2. notosansbamum_v_1.030: //system/fonts/NotoSansBamum-Regular.ttf

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## [292/451] Notice ID: 206d2fa0896affbf11b01562a112865b

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1. notosansbassavah_v_2.000: //system/etc/linker.config.pb
2. notosansbassavah_v_2.000: //system/fonts/NotoSansBassaVah-Regular.otf

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2. notosansbatak_v_1.050: //system/fonts/NotoSansBatak-Regular.ttf

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## [294/451] Notice ID: 27d6f757607bd15e2c6570de7ac9e2df

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2. notoserifbengali_v_2.001: //system/etc/linker.config.pb
3. notosansbengali_v_2.001: //system/fonts/NotoSansBengali-VF.ttf
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## [298/451] Notice ID: 265982c65278c0a3f23fe60006ceadcc

**Referenced files/modules (2):**
1. notosanschakma_v_2.001: //system/etc/linker.config.pb
2. notosanschakma_v_2.001: //system/fonts/NotoSansChakma-Regular.otf

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## [299/451] Notice ID: 7adf5d4c6b5c843ce585cf078d586386

**Referenced files/modules (3):**
1. notosanscham_v_1.020: //system/etc/linker.config.pb
2. notosanscham_v_1.020: //system/fonts/NotoSansCham-Bold.ttf
3. notosanscham_v_1.020: //system/fonts/NotoSansCham-Regular.ttf

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1. notosanscherokee_v_2.000: //system/etc/linker.config.pb
2. notosanscherokee_v_2.000: //system/fonts/NotoSansCherokee-Regular.ttf

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2. notosanscoptic_v_1.030: //system/fonts/NotoSansCoptic-Regular.ttf

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2. notoserifdevanagari_v_2.001: //system/etc/linker.config.pb
3. notosansdevanagari_v_2.000: //system/fonts/NotoSansDevanagari-VF.ttf
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## [305/451] Notice ID: 9ba86f5c4df1fbee190265f08c6cb5b6

**Referenced files/modules (2):**
1. notosansgrantha_v_2.001: //system/etc/linker.config.pb
2. notosansgrantha_v_2.001: //system/fonts/NotoSansGrantha-Regular.ttf

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## [306/451] Notice ID: 8b279ba8a1befe8cc66cadd8f71894ef

**Referenced files/modules (5):**
1. notosansgujarati_v_1.030: //system/etc/linker.config.pb
2. notoserifgujarati_v_2.002: //system/etc/linker.config.pb
3. notosansgujarati_v_1.030: //system/fonts/NotoSansGujarati-Bold.ttf
4. notosansgujarati_v_1.030: //system/fonts/NotoSansGujarati-Regular.ttf
5. notoserifgujarati_v_2.002: //system/fonts/NotoSerifGujarati-VF.ttf

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## [307/451] Notice ID: 9772d5413ba1c27a4ebd1fd8a68948f0

**Referenced files/modules (4):**
1. notosansgurmukhi_v_2.001: //system/etc/linker.config.pb
2. notoserifgurmukhi_v_2.001: //system/etc/linker.config.pb
3. notosansgurmukhi_v_2.001: //system/fonts/NotoSansGurmukhi-VF.ttf
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1. notosanshanifirohingya_v_2.002: //system/etc/linker.config.pb
2. notosanshanifirohingya_v_2.002: //system/fonts/NotoSansHanifiRohingya-Regular.otf

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4. notosanshebrew_v_1.040: //system/fonts/NotoSansHebrew-Regular.ttf
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**Referenced files/modules (2):**
1. notosansjavanese_v_2.000: //system/etc/linker.config.pb
2. notosansjavanese_v_2.000: //system/fonts/NotoSansJavanese-Regular.otf

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**Referenced files/modules (4):**
1. notosanskannada_v_2.001: //system/etc/linker.config.pb
2. notoserifkannada_v_2.002: //system/etc/linker.config.pb
3. notosanskannada_v_2.001: //system/fonts/NotoSansKannada-VF.ttf
4. notoserifkannada_v_2.002: //system/fonts/NotoSerifKannada-VF.ttf

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2. notosanskayahli_v_1.020: //system/fonts/NotoSansKayahLi-Regular.ttf

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## [314/451] Notice ID: 47499c857a0c8d3fbd2aa09c5c52de98

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2. notoserifkhmer_v_2.001: //system/etc/linker.config.pb
3. notosanskhmer_v_1.901: //system/fonts/NotoSansKhmer-VF.ttf
4. notoserifkhmer_v_2.001: //system/fonts/NotoSerifKhmer-Bold.otf
5. notoserifkhmer_v_2.001: //system/fonts/NotoSerifKhmer-Regular.otf

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## [318/451] Notice ID: 6c75ec0626b2eb742c15f047493dee21

**Referenced files/modules (2):**
1. notosanslimbu_v_1.050: //system/etc/linker.config.pb
2. notosanslimbu_v_1.050: //system/fonts/NotoSansLimbu-Regular.ttf

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## [319/451] Notice ID: eaaf9fc37cccf1f488b1c6d24345ed49

**Referenced files/modules (2):**
1. notosanslisu_v_1.030: //system/etc/linker.config.pb
2. notosanslisu_v_1.030: //system/fonts/NotoSansLisu-Regular.ttf

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## [320/451] Notice ID: 48115bda9c31caa01fc96ef2cbf71a9b

**Referenced files/modules (4):**
1. notosansmalayalam_v_2.001: //system/etc/linker.config.pb
2. notoserifmalayalam_v_2.001: //system/etc/linker.config.pb
3. notosansmalayalam_v_2.001: //system/fonts/NotoSansMalayalam-VF.ttf
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1. notosansmasaramgondi_v_1.002: //system/etc/linker.config.pb
2. notosansmasaramgondi_v_1.002: //system/fonts/NotoSansMasaramGondi-Regular.otf

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2. notosansmedefaidrin_v_1.001: //system/fonts/NotoSansMedefaidrin-VF.ttf

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2. notosansmeeteimayek_v_1.040: //system/fonts/NotoSansMeeteiMayek-Regular.ttf

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## [325/451] Notice ID: b7c5ae3c78de9fbd85e99a0b33953ec8

**Referenced files/modules (2):**
1. notosansmodi_v_2.000: //system/etc/linker.config.pb
2. notosansmodi_v_2.000: //system/fonts/NotoSansModi-Regular.ttf

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**Referenced files/modules (2):**
1. notosansmongolian_v_1.040: //system/etc/linker.config.pb
2. notosansmongolian_v_1.040: //system/fonts/NotoSansMongolian-Regular.ttf

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2. notosansmro_v_2.000: //system/fonts/NotoSansMro-Regular.otf

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2. notosansmultani_v_2.000: //system/fonts/NotoSansMultani-Regular.otf

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**Referenced files/modules (4):**
1. notosansmyanmar_v_2.001: //system/etc/linker.config.pb
2. notosansmyanmar_v_2.001: //system/fonts/NotoSansMyanmar-Bold.otf
3. notosansmyanmar_v_2.001: //system/fonts/NotoSansMyanmar-Medium.otf
4. notosansmyanmar_v_2.001: //system/fonts/NotoSansMyanmar-Regular.otf

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2. notosansnewtailue_v_1.050: //system/fonts/NotoSansNewTaiLue-Regular.ttf

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## [332/451] Notice ID: 5be7ee730d76b0f2bf65e36265286de9

**Referenced files/modules (2):**
1. notosansolchiki_v_1.030: //system/etc/linker.config.pb
2. notosansolchiki_v_1.030: //system/fonts/NotoSansOlChiki-Regular.ttf

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## [333/451] Notice ID: 702f72f828ca7404ed70ab4d0e44884c

**Referenced files/modules (3):**
1. notosansoriya_v_1.010: //system/etc/linker.config.pb
2. notosansoriya_v_1.010: //system/fonts/NotoSansOriya-Bold.ttf
3. notosansoriya_v_1.010: //system/fonts/NotoSansOriya-Regular.ttf

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**Referenced files/modules (2):**
1. notosansosage_v_2.000: //system/etc/linker.config.pb
2. notosansosage_v_2.000: //system/fonts/NotoSansOsage-Regular.ttf

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2. notosansosmanya_v_1.030: //system/fonts/NotoSansOsmanya-Regular.ttf

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## [336/451] Notice ID: c7a40afcba091e16ee8c5e60600a271a

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2. notosanspahawhhmong_v_2.000: //system/fonts/NotoSansPahawhHmong-Regular.otf

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2. notosanspaucinhau_v_2.000: //system/fonts/NotoSansPauCinHau-Regular.otf

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## [339/451] Notice ID: 0fbb63684cdc75680a90d1cf864654b2

**Referenced files/modules (2):**
1. notosanssaurashtra_v_1.040: //system/etc/linker.config.pb
2. notosanssaurashtra_v_1.040: //system/fonts/NotoSansSaurashtra-Regular.ttf

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## [340/451] Notice ID: 77498b6fc22a65b1189519dda04752c3

**Referenced files/modules (2):**
1. notosanssharada_v_2.000: //system/etc/linker.config.pb
2. notosanssharada_v_2.000: //system/fonts/NotoSansSharada-Regular.otf

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### [341/451] Notice ID: f30b1f3fe2674aec21ca23891a2e1ce1

**Referenced files/modules (4):**
1. notosanssinhala_v_2.001: //system/etc/linker.config.pb
2. notoserifsinhala_v_2.002: //system/etc/linker.config.pb
3. notosanssinhala_v_2.001: //system/fonts/NotoSansSinhala-VF.ttf
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1. notosanssorasompeng_v_2.000: //system/etc/linker.config.pb
2. notosanssorasompeng_v_2.000: //system/fonts/NotoSansSoraSompeng-Regular.otf

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2. notosanssundanese_v_1.050: //system/fonts/NotoSansSundanese-Regular.ttf

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2. notosanssymbols_v_1.090: //system/fonts/NotoSansSymbols-Regular-Subsetted.ttf
3. notosanssymbols_v_1.090: //system/fonts/NotoSansSymbols-Regular-Subsetted2.ttf

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## [346/451] Notice ID: ed4ebb2952a50cc40ca3b072318abef6

**Referenced files/modules (4):**
1. notosanssyriac_v_1.040: //system/etc/linker.config.pb
2. notosanssyriac_v_1.040: //system/fonts/NotoSansSyriacEastern-Regular.ttf
3. notosanssyriac_v_1.040: //system/fonts/NotoSansSyriacEstrangela-Regular.ttf
4. notosanssyriac_v_1.040: //system/fonts/NotoSansSyriacWestern-Regular.ttf

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1. notosanstagalog_v_1.030: //system/etc/linker.config.pb
2. notosanstagalog_v_1.030: //system/fonts/NotoSansTagalog-Regular.ttf

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1. notosanstagbanwa_v_1.040: //system/etc/linker.config.pb
2. notosanstagbanwa_v_1.040: //system/fonts/NotoSansTagbanwa-Regular.ttf

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2. notosanstaile_v_1.040: //system/fonts/NotoSansTaiLe-Regular.ttf

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## [353/451] Notice ID: 79660b08f2b23ddd7c6fa790c5713192

**Referenced files/modules (4):**
1. notosanstamil_v_2.001: //system/etc/linker.config.pb
2. notoseriftamil_v_2.001: //system/etc/linker.config.pb
3. notosanstamil_v_2.001: //system/fonts/NotoSansTamil-VF.ttf
4. notoseriftamil_v_2.001: //system/fonts/NotoSerifTamil-VF.ttf

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1. notosanstelugu_v_2.004: //system/etc/linker.config.pb
2. notoseriftelugu_v_2.001: //system/etc/linker.config.pb
3. notosanstelugu_v_2.004: //system/fonts/NotoSansTelugu-VF.ttf
4. notoseriftelugu_v_2.001: //system/fonts/NotoSerifTelugu-VF.ttf

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## [355/451] Notice ID: 899df7ef6bcd448b2787a312ac59f9eb

**Referenced files/modules (3):**
1. notosansthaana_v_1.020: //system/etc/linker.config.pb
2. notosansthaana_v_1.020: //system/fonts/NotoSansThaana-Bold.ttf
3. notosansthaana_v_1.020: //system/fonts/NotoSansThaana-Regular.ttf

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## [356/451] Notice ID: d7c94b25f07127276c3e513f9f9d2b33

**Referenced files/modules (6):**
1. notosansthai_v_1.040: //system/etc/linker.config.pb
2. notoserifthai_v_2.000: //system/etc/linker.config.pb
3. notosansthai_v_1.040: //system/fonts/NotoSansThai-Bold.ttf
4. notosansthai_v_1.040: //system/fonts/NotoSansThai-Regular.ttf
5. notoserifthai_v_2.000: //system/fonts/NotoSerifThai-Bold.ttf
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### [357/451] Notice ID: 6c9deecca425b714ba33ccf4b4005b17

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1. notosanstifinagh_v_2.002: //system/etc/linker.config.pb
2. notosanstifinagh_v_2.002: //system/fonts/NotoSansTifinagh-Regular.otf

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2. notosanswancho_v_2.000: //system/fonts/NotoSansWancho-Regular.otf

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## [360/451] Notice ID: 525347c1200dae08547c256d353f74f0

**Referenced files/modules (2):**
1. notosanswarangciti_v_3.000: //system/etc/linker.config.pb
2. notosanswarangciti_v_3.000: //system/fonts/NotoSansWarangCiti-Regular.otf

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1. notosansyi_v_1.020: //system/etc/linker.config.pb
2. notosansyi_v_1.020: //system/fonts/NotoSansYi-Regular.ttf

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**Referenced files/modules (2):**
1. notoserifahom_v_2.000: //system/etc/linker.config.pb
2. notoserifahom_v_2.000: //system/fonts/NotoSansAhom-Regular.otf

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**Referenced files/modules (2):**
1. notoserifdogra_v_1.004: //system/etc/linker.config.pb
2. notoserifdogra_v_1.004: //system/fonts/NotoSerifDogra-Regular.ttf

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2. notoseriftibetan_v_2.001: //system/fonts/NotoSerifTibetan-VF.ttf

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2. num_cpus_v_1.15.0: //system/lib64/libnum_cpus.dylib.so

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3. openjdk_lambda_duplicate_stub_files: //system/etc/linker.config.pb
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-----------------------------------------------------------------------

<code>Replaceable</code> is an interface representing a
string of characters that supports the replacement of a range of
itself with a new string of characters.  It is used by APIs that
change a piece of text while retaining metadata.  Metadata is data
other than the Unicode characters returned by char32At().  One
example of metadata is style attributes; another is an edit
history, marking each character with an author and revision number.

<p>An implicit aspect of the <code>Replaceable</code> API is that
during a replace operation, new characters take on the metadata of
the old characters.  For example, if the string "the <b>bold</b>
font" has range (4, 8) replaced with "strong", then it becomes "the
<b>strong</b> font".

<p><code>Replaceable</code> specifies ranges using a start
offset and a limit offset.  The range of characters thus specified
includes the characters at offset start..limit-1.  That is, the
start offset is inclusive, and the limit offset is exclusive.

<p><code>Replaceable</code> also includes API to access characters
```

```
in the string: <code>length()</code>, <code>charAt()</code>,
<code>char32At()</code>, and <code>extractBetween()</code>.

<p>For a subclass to support metadata, typical behavior of
<code>replace()</code> is the following:
<ul>
  <li>Set the metadata of the new text to the metadata of the first
  character replaced</li>
  <li>If no characters are replaced, use the metadata of the
  previous character</li>
  <li>If there is no previous character (i.e. start == 0), use the
  following character</li>
  <li>If there is no following character (i.e. the replaceable was
  empty), use default metadata<br>
  <li>If the code point U+FFFF is seen, it should be interpreted as
  a special marker having no metadata<li>
  </li>
</ul>
If this is not the behavior, the subclass should document any differences.

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@author Alan Liu
@stable ICU 2.0

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<code>ReplaceableString</code> is an adapter class that implements the
<code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.

<p><em>Note:</em> This class does not support attributes and is not
intended for general use.  Most clients will need to implement
{@link Replaceable} in their text representation class.

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@see Replaceable
@author Alan Liu
@stable ICU 2.0

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## [371/451] Notice ID: d7955e80f0427e97cb0d5b990e9be24c

**Referenced files/modules (1):**
1. openssl_v_0.10.43: //system/etc/linker.config.pb

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### [372/451] Notice ID: 25863362242de2a23785f2a9e13dab8c

**Referenced files/modules (2):**
1. os_str_bytes_v_6.4.1: //system/etc/linker.config.pb
2. os_str_bytes_v_6.4.1: //system/lib64/libos_str_bytes.dylib.so

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### [373/451] Notice ID: 9eaf956dc88fa310546fa40f18f9f7b0

**Referenced files/modules (2):**
1. os_str_bytes_v_6.4.1: //system/etc/linker.config.pb
2. os_str_bytes_v_6.4.1: //system/lib64/libos_str_bytes.dylib.so

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### [374/451] Notice ID: 2ddb23e63b1f9c3c46aaa4195f819a6d

**Referenced files/modules (24):**
1. packages_modules_adb_license: //system/apex/com.android.adbd.capex
2. packages_modules_appsearch_license: //system/apex/com.android.appsearch.capex
3. modules/adb: //system/bin/abb
4. AppSearch/current: //system/etc/linker.config.pb
5. modules/AppSearch: //system/etc/linker.config.pb
6. modules/AppSearch/framework: //system/etc/linker.config.pb
7. modules/AppSearch/service: //system/etc/linker.config.pb
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## [375/451] Notice ID: b9d2af29990963c7f142dfa92561a003

**Referenced files/modules (3):**
1. packages_modules_DnsResolver_license: //system/apex/com.android.resolv.capex
2. modules/DnsResolver: //system/etc/linker.config.pb
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## [376/451] Notice ID: 9645f39e9db895a4aa6e02cb57294595

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289. frameworks/base/packages/SettingsProvider: //system/priv-app/SettingsProvider/oat/arm64/SettingsProvider.vdex
290. system/extras/su: //system/xbin/su

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2. pdfium/constants: //system/etc/linker.config.pb
3. pdfium/core/fdrm: //system/etc/linker.config.pb
4. pdfium/core/fpdfapi/cmaps: //system/etc/linker.config.pb
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2. perfetto: //system/bin/mm_events
3. perfetto: //system/bin/perfetto
4. perfetto: //system/bin/traced
5. perfetto: //system/bin/traced_perf
6. perfetto: //system/bin/traced_probes
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9. prebuilts/runtime/mainline/platform/sdk: //system/etc/linker.config.pb
10. perfetto: //system/lib/heapprofd_client.so
11. perfetto: //system/lib/heapprofd_client_api.so
12. perfetto: //system/lib64/heapprofd_client.so
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## [379/451] Notice ID: 2ee41112a44fe7014dce33e26468ba93

**Referenced files/modules (2):**
1. pin-project-lite_v_0.2.9: //system/etc/linker.config.pb
2. pin-project-lite_v_0.2.9: //system/lib64/libpin_project_lite.dylib.so

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## [380/451] Notice ID: 14941112c0f271c50028aac82df494a6

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2. pin-utils_v_0.1.0: //system/lib64/libpin_utils.dylib.so

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## [381/451] Notice ID: 1d92c6023837592b6664900ea2804146

**Referenced files/modules (2):**
1. pin-utils_v_0.1.0: //system/etc/linker.config.pb
2. pin-utils_v_0.1.0: //system/lib64/libpin_utils.dylib.so

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## [383/451] Notice ID: a0f1a51804617ebdf5b189ce33676cff

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1. ppv-lite86_v_0.2.17: //system/etc/linker.config.pb
2. ppv-lite86_v_0.2.17: //system/lib64/libppv_lite86.dylib.so

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## [384/451] Notice ID: f506965760cf1b01ce337cc6b6540d40

**Referenced files/modules (2):**
1. ppv-lite86_v_0.2.17: //system/etc/linker.config.pb
2. ppv-lite86_v_0.2.17: //system/lib64/libppv_lite86.dylib.so

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## [385/451] Notice ID: e10c08acc507bfe0d65695c7c093426b

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1. prebuilts/runtime/mainline/runtime/sdk: //system/app/Camera2/lib/arm64/libjni_jpegutil.so
2. prebuilts/runtime/mainline/runtime/sdk: //system/etc/linker.config.pb

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Android adaptation and tweak by Jim Huang <jserv@0xlab.org>.

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strtok_r, from Berkeley strtok
Oct 13, 1998 by Wes Peters <wes@softweyr.com>

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Theo de Raadt <deraadt@openbsd.org> came up with the idea of using
such a mathematical system to generate more random (yet non-repeating)
ids to solve the resolver/named problem.  But Niels designed the
actual system based on the constraints.

Later modified by Damien Miller to wrap the LCG output in a 15-bit
permutation generator based on a Luby-Rackoff block cipher. This
ensures the output is non-repeating and preserves the MSB twiddle
trick, but makes it more resistant to LCG prediction.

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The argument reduction and testing for exceptional cases was
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## [388/451] Notice ID: 250ecefb9dbfce4fb4675fdc90fd5da7

**Referenced files/modules (1):**
1. proc-macro-error-attr_v_1.0.4: //system/etc/linker.config.pb

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## [389/451] Notice ID: 72f63335a66e7d0cd77aa938ae12fa7c

**Referenced files/modules (2):**
1. proc-macro-error-attr_v_1.0.4: //system/etc/linker.config.pb
2. proc-macro-error_v_1.0.4: //system/etc/linker.config.pb

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1. proc-macro-error_v_1.0.4: //system/etc/linker.config.pb

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## [391/451] Notice ID: b1a3f076cdcd334a681558ac44e1a648

**Referenced files/modules (2):**
1. protobuf-support_v_3.2.0: //system/etc/linker.config.pb
2. protobuf_v_3.2.0: //system/etc/linker.config.pb

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2. protobuf_v21.7: //system/framework/android.test.base.jar
3. protobuf_v21.7: //system/framework/oat/arm/android.test.base.odex
4. protobuf_v21.7: //system/framework/oat/arm/android.test.base.vdex
5. protobuf_v21.7: //system/framework/oat/arm64/android.test.base.odex
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## [393/451] Notice ID: 32fca950b950de5ac6d6f81c5f5ad589

**Referenced files/modules (6):**
1. QUnit: //system/etc/linker.config.pb
2. QUnit: //system/framework/android.test.base.jar
3. QUnit: //system/framework/oat/arm/android.test.base.odex
4. QUnit: //system/framework/oat/arm/android.test.base.vdex
5. QUnit: //system/framework/oat/arm64/android.test.base.odex
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## [394/451] Notice ID: 86438b2332d07437f7ddc2fe9fe4edd2

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1. rand_chacha_v_0.3.1: //system/etc/linker.config.pb
2. rand_core_v_0.6.4: //system/etc/linker.config.pb
3. rand_v_0.8.5: //system/etc/linker.config.pb
4. rand_v_0.8.5: //system/lib64/librand.dylib.so
5. rand_chacha_v_0.3.1: //system/lib64/librand_chacha.dylib.so
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## [395/451] Notice ID: a8c92db7c50b3ecfb197fe292b8efb46

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2. rand_core_v_0.6.4: //system/lib64/librand_core.dylib.so

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2. rand_v_0.8.5: //system/lib64/librand.dylib.so

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### [398/451] Notice ID: 2b42edef8fa55315f34f2370b4715ca9

**Referenced files/modules (2):**
1. rust/beto-rust/nearby: //system/etc/linker.config.pb
2. rust/beto-rust/nearby: //system/lib64/libukey2_jni.so

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**Referenced files/modules (2):**
1. ryu_v_1.0.13: //system/etc/linker.config.pb
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## [400/451] Notice ID: e4224ccaecb14d942c71d31bef20d78c

**Referenced files/modules (2):**
1. ryu_v_1.0.13: //system/etc/linker.config.pb
2. ryu_v_1.0.13: //system/lib64/libryu.dylib.so

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## [401/451] Notice ID: 2d6cf6428ad8a78a9380b5484dca5cd1

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1. scrypt: //system/etc/linker.config.pb

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## [402/451] Notice ID: 8eda4f979e4e6ebc26ec47fc5e8cbf9a

**Referenced files/modules (6):**
1. sdk: //system/etc/linker.config.pb
2. sdk: //system/framework/android.test.base.jar
3. sdk: //system/framework/oat/arm/android.test.base.odex
4. sdk: //system/framework/oat/arm/android.test.base.vdex
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April 10, 2009

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### [403/451] Notice ID: 84b4d2c6ef954a2d4081e775a270d0d0

**Referenced files/modules (3):**
1. selinux/libselinux: //system/etc/linker.config.pb
2. selinux/libselinux: //system/lib/libselinux.so
3. selinux/libselinux: //system/lib64/libselinux.so

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### [404/451] Notice ID: a6f89e2100d9b6cdffcea4f398e37343

**Referenced files/modules (1):**
1. selinux/libsepol: //system/etc/linker.config.pb

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Any executables containing that work also fall under Section 6,
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b) Use a suitable shared library mechanism for linking with the
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copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
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1. selinux/secilc: //system/bin/secilc
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### [408/451] Notice ID: 09833d0487ddca0ba1667b10066567de

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2. skia_v_f24059cf165ab84fd46f4caa6df72d0ec55393a4: //system/lib/libskia.so
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**Referenced files/modules (3):**

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2. skia_v_f24059cf165ab84fd46f4caa6df72d0ec55393a4: //system/lib/libskia.so
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### [412/451] Notice ID: 74813087164a1f74ce0dd6ad756b84c0

**Referenced files/modules (1):**
1. smallvec_v_1.10.0: //system/etc/linker.config.pb

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### [413/451] Notice ID: 322c286e61fd68ae58fde1b3a97639a9

**Referenced files/modules (3):**
1. sonivox/arm-wt-22k: //system/etc/linker.config.pb
2. sonivox/arm-wt-22k: //system/lib/libsonivox.so
3. sonivox/arm-wt-22k: //system/lib64/libsonivox.so

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### [414/451] Notice ID: cafc6e14d22bbf8b79f48817efdb91d1

**Referenced files/modules (7):**
1. source-sans-pro_v_94dff3eaa9301b6640cccc63c56d6ff33d82882c: //system/etc/linker.config.pb
2. source-sans-pro_v_94dff3eaa9301b6640cccc63c56d6ff33d82882c: //system/fonts/SourceSansPro-Bold.ttf
3. source-sans-pro_v_94dff3eaa9301b6640cccc63c56d6ff33d82882c: //system/fonts/SourceSansPro-BoldItalic.ttf
4. source-sans-pro_v_94dff3eaa9301b6640cccc63c56d6ff33d82882c: //system/fonts/SourceSansPro-Italic.ttf
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**Referenced files/modules (3):**
1. speex_v_SpeexDSP-1.2.1: //system/etc/linker.config.pb
2. speex_v_SpeexDSP-1.2.1: //system/lib/libspeexresampler.so
3. speex_v_SpeexDSP-1.2.1: //system/lib64/libspeexresampler.so

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1. spin_v_0.9.7: //system/etc/linker.config.pb
2. zip_v_0.6.4: //system/etc/linker.config.pb
3. zip_v_0.6.4: //system/lib64/libzip.dylib.so

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1. sqlite/dist: //system/bin/sqlite3
2. sqlite/dist: //system/etc/linker.config.pb
3. sqlite/dist: //system/lib/libsqlite.so
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1. system/core/libsync: //system/etc/linker.config.pb
2. system/core/libsync: //system/lib/libsync.so
3. system/core/libsync: //system/lib64/libsync.so

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2. system/core/toolbox: //system/bin/getprop
3. system/core/toolbox: //system/bin/modprobe
4. system/core/toolbox: //system/bin/setprop
5. system/core/toolbox: //system/bin/start
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1. system/extras/iotop: //system/bin/iotop
2. system/extras/simpleperf: //system/bin/simpleperf
3. system/extras/simpleperf/simpleperf_app_runner: //system/bin/simpleperf_app_runner
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**Referenced files/modules (7):**
1. system/extras/profcollectd: //system/bin/profcollectctl
2. system/extras/profcollectd: //system/bin/profcollectd
3. system/extras/profcollectd: //system/etc/linker.config.pb
4. system/extras/profcollectd/libprofcollectd: //system/etc/linker.config.pb
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**Referenced files/modules (1):**
1. system/extras/verity: //system/etc/linker.config.pb

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1. system/incremental_delivery/incfs: //system/etc/linker.config.pb
2. system/incremental_delivery/libdataloader: //system/etc/linker.config.pb
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## [426/451] Notice ID: e832036c59491b20e1665b084eaee6cf

**Referenced files/modules (3):**
1. system/libbase: //system/etc/linker.config.pb
2. system/libbase: //system/lib/libbase.so
3. system/libbase: //system/lib64/libbase.so

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### [427/451] Notice ID: 3a3d49ac6f626a1c55697e9e40a94546

**Referenced files/modules (36):**

1. system/security/identity: //system/bin/credstore
2. system/security/fsverity_init: //system/bin/fsverity_init
3. system/security/keystore2: //system/bin/keystore2
4. system/security/keystore: //system/bin/keystore_cli_v2
5. system/security/ondevice-signing: //system/bin/odsign
6. system/security/prng_seeder: //system/bin/prng_seeder
7. system/security/fsverity_init: //system/etc/linker.config.pb
8. system/security/identity: //system/etc/linker.config.pb
9. system/security/keystore: //system/etc/linker.config.pb
10. system/security/keystore-engine: //system/etc/linker.config.pb
11. system/security/keystore2: //system/etc/linker.config.pb
12. system/security/keystore2/aaid: //system/etc/linker.config.pb
13. system/security/keystore2/aidl: //system/etc/linker.config.pb
14. system/security/keystore2/apc_compat: //system/etc/linker.config.pb
15. system/security/keystore2/legacykeystore: //system/etc/linker.config.pb
16. system/security/keystore2/selinux: //system/etc/linker.config.pb
17. system/security/keystore2/src/crypto: //system/etc/linker.config.pb
18. system/security/keystore2/src/km_compat: //system/etc/linker.config.pb
19. system/security/keystore2/src/vintf: //system/etc/linker.config.pb
20. system/security/ondevice-signing: //system/etc/linker.config.pb
21. system/security/prng_seeder: //system/etc/linker.config.pb
22. system/security/provisioner/support: //system/etc/linker.config.pb
23. system/security/identity: //system/framework/android.test.base.jar
24. system/security/keystore2/aidl: //system/framework/android.test.base.jar
25. system/security/identity: //system/framework/oat/arm/android.test.base.odex
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28. system/security/keystore2/aidl: //system/framework/oat/arm/android.test.base.vdex
29. system/security/identity: //system/framework/oat/arm64/android.test.base.odex
30. system/security/keystore2/aidl: //system/framework/oat/arm64/android.test.base.odex
31. system/security/identity: //system/framework/oat/arm64/android.test.base.vdex
32. system/security/keystore2/aidl: //system/framework/oat/arm64/android.test.base.vdex
33. system/security/identity: //system/lib64/libcredstore_aidl.so
34. system/security/keystore: //system/lib64/libkeystore-attestation-application-id.so
35. system/security/keystore-engine: //system/lib64/libkeystore-engine.so
36. system/security/provisioner/support: //system/lib64/librkp_support.so

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## [428/451] Notice ID: 6553f4761e321f456cf3df6e01369579

**Referenced files/modules (23):**

1. system/sepolicy: /obj/ETC/file_contexts.bin_intermediates/file_contexts.bin
2. system/sepolicy: //obj/ETC/file_contexts.bin_intermediates/file_contexts.bin
3. system/sepolicy: //system/etc/linker.config.pb
4. system/sepolicy/apex: //system/etc/linker.config.pb
5. system/sepolicy/compat: //system/etc/linker.config.pb
6. system/sepolicy/contexts: //system/etc/linker.config.pb
7. system/sepolicy/mac_permissions: //system/etc/linker.config.pb
8. system/sepolicy: //system/etc/selinux/bug_map
9. system/sepolicy/compat: //system/etc/selinux/mapping/29.0.compat.cil
10. system/sepolicy/compat: //system/etc/selinux/mapping/30.0.compat.cil
11. system/sepolicy/compat: //system/etc/selinux/mapping/31.0.compat.cil
12. system/sepolicy/compat: //system/etc/selinux/mapping/32.0.compat.cil
13. system/sepolicy/compat: //system/etc/selinux/mapping/33.0.compat.cil
14. system/sepolicy: //system/etc/selinux/mapping/34.0.cil
15. system/sepolicy/contexts: //system/etc/selinux/plat_file_contexts
16. system/sepolicy/contexts: //system/etc/selinux/plat_hwservice_contexts
17. system/sepolicy/contexts: //system/etc/selinux/plat_keystore2_key_contexts
18. system/sepolicy/mac_permissions: //system/etc/selinux/plat_mac_permissions.xml
19. system/sepolicy/contexts: //system/etc/selinux/plat_property_contexts
20. system/sepolicy/contexts: //system/etc/selinux/plat_seapp_contexts
21. system/sepolicy: //system/etc/selinux/plat_sepolicy.cil
22. system/sepolicy: //system/etc/selinux/plat_sepolicy_and_mapping.sha256
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## [429/451] Notice ID: ef1a352b901ee7b75a75df8171d6aca7

**Referenced files/modules (2):**
1. system/timezone/output_data/iana: //system/etc/linker.config.pb
2. system/timezone/output_data/iana: //system/usr/share/zoneinfo/tzdata

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## [430/451] Notice ID: 7b4baeedfe2d40cb03536573bc2c89b1

**Referenced files/modules (100):**
1. system_bpfprogs_license: //system/etc/bpf/fuseMedia.o
2. system_bpfprogs_license: //system/etc/bpf/timeInState.o
3. android_common: //system/etc/linker.config.pb
4. android_common_apex31: //system/etc/linker.config.pb
5. art/current/sdk: //system/etc/linker.config.pb
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## [431/451] Notice ID: c380edf2be58390b9b47e9c4d32db3bd

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1. system_bt_license: //system/apex/com.android.btservices.apex
2. Bluetooth/current: //system/etc/linker.config.pb
3. modules/Bluetooth/apex: //system/etc/linker.config.pb
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## [432/451] Notice ID: 5eb289217c160e2920d2e35bddc36453

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1. tcpdump_v_tcpdump-4.99.3: //system/bin/tcpdump
2. libpcap_v_libpcap-1.10.3: //system/etc/linker.config.pb
3. tcpdump_v_tcpdump-4.99.3: //system/etc/linker.config.pb
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### [435/451] Notice ID: e04cd6fa58488e016f7fb648ebea1db4

**Referenced files/modules (7):**

1. tinyalsa: //system/bin/tinycap

2. tinyalsa: //system/bin/tinymix
3. tinyalsa: //system/bin/tinypcminfo
4. tinyalsa: //system/bin/tinyplay
5. tinyalsa: //system/etc/linker.config.pb
6. tinyalsa: //system/lib/libtinyalsa.so
7. tinyalsa: //system/lib64/libtinyalsa.so

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## [436/451] Notice ID: 135624eef03e1f1101b9ba9ac9b5fffd

**Referenced files/modules (3):**
1. tinyxml2_v_9.0.0: //system/etc/linker.config.pb
2. tinyxml2_v_9.0.0: //system/lib/libtinyxml2.so
3. tinyxml2_v_9.0.0: //system/lib64/libtinyxml2.so

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## [437/451] Notice ID: 25e61c25c35faf8f5e0a85a0916d7e5d

**Referenced files/modules (1):**
1. tokio-macros_v_1.8.2: //system/etc/linker.config.pb

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## [438/451] Notice ID: ebe0e556d437b72c6d17b3f2ab672cd2

**Referenced files/modules (2):**
1. tokio_v_1.25.0: //system/etc/linker.config.pb
2. tokio_v_1.25.0: //system/lib64/libtokio.dylib.so

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## [439/451] Notice ID: 78659a599b9325da368f2f1eb88f19c7

**Referenced files/modules (179):**
1. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/[
2. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/acpi
3. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/base64
4. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/basename
5. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/blockdev
6. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/brctl
7. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cal
8. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cat
9. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chattr
10. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chcon

11. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chgrp
12. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chmod
13. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chown
14. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chroot
15. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/chrt
16. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cksum
17. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/clear
18. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cmp
19. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/comm
20. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cp
21. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cpio
22. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/cut
23. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/date
24. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/dd
25. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/devmem
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29. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/dmesg
30. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/dos2unix
31. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/du
32. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/echo
33. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/egrep
34. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/env
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42. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/flock
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71. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/log
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83. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/mkfifo
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90. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/mountpoint
91. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/mv
92. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/nc
93. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/netcat
94. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/netstat
95. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/nice
96. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/nl
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98. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/nproc
99. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/nsenter
100. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/od

101. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/paste
102. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/patch
103. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/pgrep
104. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/pidof
105. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/pkill
106. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/pmap
107. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/printenv
108. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/printf
109. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/ps
110. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/pwd
111. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/readelf
112. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/readlink
113. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/realpath
114. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/renice
115. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/restorecon
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131. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/sleep
132. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/sort
133. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/split
134. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/stat
135. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/strings
136. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/stty
137. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/swapoff
138. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/swapon
139. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/sync
140. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/sysctl
141. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/tac
142. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/tail
143. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/tar
144. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/taskset
145. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/tee
146. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/test
147. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/time
148. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/timeout
149. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/top
150. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/touch
151. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/toybox
152. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/tr
153. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/true
154. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/truncate
155. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/tty
156. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uclampset
157. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/ulimit
158. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/umount
159. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uname
160. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uniq
161. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/unix2dos
162. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/unlink
163. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/unshare
164. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uptime
165. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/usleep
166. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uudecode
167. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uuencode
168. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/uuidgen
169. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/vi
170. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/vmstat
171. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/watch
172. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/wc
173. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/which
174. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/whoami
175. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/xargs
176. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/xxd
177. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/yes
178. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/bin/zcat
179. toybox_v_d45ee3a2bc6271110312f01be867a9b6b91dd07f: //system/etc/linker.config.pb

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### [440/451] Notice ID: ca9bfd32facbba043e680825b56c91fb

**Referenced files/modules (1):**
1. unicode-ident_v_1.0.8: //system/etc/linker.config.pb

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### [442/451] Notice ID: 22fde48a02d39c887b315b40aac65f90

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2. uuid_v_1.3.0: //system/lib64/libuuid.dylib.so

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## [444/451] Notice ID: 6e8dee932c26f2dab503abf70c96d8bb

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### [445/451] Notice ID: c6926d0cb07d296f886ab6e0cc5a85b7

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1. which_v_4.4.0: //system/etc/linker.config.pb

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### [447/451] Notice ID: 17ea2e1749a9d1d905753de4c26bec16

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## [449/451] Notice ID: 8c75f2b4df47a77f9445315a9500cd1c

**Referenced files/modules (3):**
1. zlib_v_fa5dc4750029333c2486efa38eec7d13890108ed: //system/etc/linker.config.pb
2. zlib_v_fa5dc4750029333c2486efa38eec7d13890108ed: //system/lib/libz.so
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**Referenced files/modules (1):**
1. zstd_v1.5.2: //system/etc/linker.config.pb

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