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fontconfig-2.8.0.tar.gz

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/\*  
Some improvements suggested by:  
Phil Endecott and Frank Gennari  
Cygwin fix provided by:  
Scott McMurray  
\*/

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//
// See http://www.boost.org/libs/smart\_ptr/scoped\_ptr.htm for documentation.
//
```

```
// scoped_ptr mimics a built-in pointer except that it guarantees deletion
// of the object pointed to, either on destruction of the scoped_ptr or via
// an explicit reset(). scoped_ptr is a simple solution for simple needs;
// use shared_ptr or std::auto_ptr if your needs are more complex.
```

```
// scoped_ptr_malloc added in by Google. When one of
// these goes out of scope, instead of doing a delete or delete[], it
```

```
// calls free().  scoped_ptr_malloc<char> is likely to see much more
// use than any other specializations.

// release() added in by Google. Use this to conditionally
// transfer ownership of a heap-allocated object to the caller, usually on
// method success.
```

```
=====
/*
 * Written by Wilco Dijkstra, 1996.
 * Refer to NOTICE file at the root of git project.
 *
 * Minor modifications in code style for WebRTC, 2012.
 */

// The following email record is related to source files spl_sqrt_floor.c
// and spl_sqrt_floor.s in trunk/src/common_audio/signal_processing/.
//
//
// From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
// Date: Fri, Jun 24, 2011 at 3:20 AM
// Subject: Re: sqrt routine
// To: Kevin Ma <kma@google.com>
// Hi Kevin,
// Thanks for asking. Those routines are public domain (originally posted to
// comp.sys.arm a long time ago), so you can use them freely for any purpose.
// Cheers,
// Wilco
//
// ----- Original Message -----
// From: "Kevin Ma" <kma@google.com>
// To: <Wilco.Dijkstra@ntlworld.com>
// Sent: Thursday, June 23, 2011 11:44 PM
// Subject: Fwd: sqrt routine
// Hi Wilco,
// I saw your sqrt routine from several web sites, including
// http://www.finesse.demon.co.uk/steven/sqrt.html.
// Just wonder if there's any copyright information with your Successive
// approximation routines, or if I can freely use it for any purpose.
// Thanks.
// Kevin
```

```
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```

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```
/*      $NetBSD: disassem.c,v 1.14 2003/03/27 16:58:36 mycroft Exp $      */
```

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/*-
```

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\* db\_disasm.c  
\*  
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\*  
\* 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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/system/bin/mediaextractor



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/system/lib/libmediacodecservice.so  
/system/lib/libmediaextractorservice.so  
/system/lib/libsoftkeymasterdevice.so

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/system/fonts/Roboto-BlackItalic.ttf

/system/fonts/Roboto-Bold.ttf

/system/fonts/Roboto-BoldItalic.ttf

/system/fonts/Roboto-Italic.ttf

/system/fonts/Roboto-Light.ttf

/system/fonts/Roboto-LightItalic.ttf

/system/fonts/Roboto-Medium.ttf

/system/fonts/Roboto-MediumItalic.ttf

/system/fonts/Roboto-Regular.ttf  
/system/fonts/Roboto-Thin.ttf  
/system/fonts/Roboto-ThinItalic.ttf  
/system/fonts/RobotoCondensed-Bold.ttf  
/system/fonts/RobotoCondensed-BoldItalic.ttf  
/system/fonts/RobotoCondensed-Italic.ttf  
/system/fonts/RobotoCondensed-Light.ttf  
/system/fonts/RobotoCondensed-LightItalic.ttf  
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/system/lib/libskia\_static.a

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/system/lib/libc/core_debug.bc
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/system/framework/bmgr.jar  
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Android adaptation and tweak by Jim Huang <[jserv@0xlab.org](mailto:jserv@0xlab.org)>.

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Emulation of getentropy(2) as documented at:  
<http://www.openbsd.org/cgi-bin/man.cgi/OpenBSD-current/man2/getentropy.2>

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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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/system/lib/libz.a  
/system/lib/libz.so

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Mark Adler  
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Notices for file(s):

/system/lib/libjni\_jpegutil.so  
/system/lib/libjni\_tinyplanet.so

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/system/lib/lib\_driver\_cmd\_qcwcw.a  
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Notices for file(s):  
/system/bin/content  
/system/framework/content.jar  
/system/priv-app/FusedLocation/FusedLocation.apk  
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/system/lib/libipsec.a

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sha2.h

Version 1.0.0beta1

Written by Aaron D. Gifford <me@aarongifford.com>

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\$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>

=====  
Notices for file(s):

/recovery/root/sbin/recovery  
/root/init  
/system/app/Calendar/Calendar.apk  
/system/app/CertInstaller/CertInstaller.apk  
/system/app/CubeLiveWallpapers/CubeLiveWallpapers.apk  
/system/app/DeskClock/DeskClock.apk  
/system/app/Email/Email.apk  
/system/app/ExtShared/ExtShared.apk  
/system/app/HTMLViewer/HTMLViewer.apk  
/system/app/LiveWallpapersPicker/LiveWallpapersPicker.apk  
/system/app/Music/Music.apk  
/system/app/PrintRecommendationService/PrintRecommendationService.apk  
/system/app/PrintSpooler/PrintSpooler.apk  
/system/app/QuickSearchBox/QuickSearchBox.apk  
/system/app/SoundRecorder/SoundRecorder.apk  
/system/app/UserDictionaryProvider/UserDictionaryProvider.apk  
/system/bin/am  
/system/bin/app\_process32  
/system/bin/cmd  
/system/bin/debuggerd  
/system/bin/dexdump  
/system/bin/drmservice  
/system/bin/dumpsys  
/system/bin/hid  
/system/bin/logcat  
/system/bin/logwrapper  
/system/bin/media  
/system/bin/mediaserver  
/system/bin/requestsync  
/system/bin/rild

/system/bin/run-as  
/system/bin/service  
/system/bin/wm  
/system/etc/permissions/android.software.live\_wallpaper.xml  
/system/fonts/AndroidClock.ttf  
/system/fonts/DroidSansMono.ttf  
/system/framework/am.jar  
/system/framework/framework-res.apk  
/system/framework/hid.jar  
/system/framework/ime.jar  
/system/framework/input.jar  
/system/framework/media\_cmd.jar  
/system/framework/monkey.jar  
/system/framework/pm.jar  
/system/framework/requestsync.jar  
/system/framework/svc.jar  
/system/framework/wm.jar  
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/system/lib/libhardware\_legacy.so  
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/system/lib/libhwui\_static.a  
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/system/lib/libpixelflinger.so  
/system/lib/libpower.so

/system/lib/libreference-ril.so  
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/system/lib/libreverb.a  
/system/lib/libril.so  
/system/lib/libserviceutility.so  
/system/lib/libsoundpool.so  
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/system/lib/libstagefright.so  
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Notices for file(s):

/system/lib/libnl.a

/system/lib/libnl.so  
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/system/priv-app/CallLogBackup/CallLogBackup.apk

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/system/lib/libvpx.a

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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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`Replaceable` 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.

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

`Replaceable` 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.

`Replaceable` also includes API to access characters in the string: `length()`, `charAt()`, `char32At()`, and `extractBetween()`.

For a subclass to support metadata, typical behavior of `replace()` is the following:

- 

- Set the metadata of the new text to the metadata of the first character replaced

- If no characters are replaced, use the metadata of the previous character

- If there is no previous character (i.e. `start == 0`), use the following character

- If there is no following character (i.e. the replaceable was empty), use default metadata

- If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata

- 



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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`ReplaceableString` is an adapter class that implements the `Replaceable` API around an ordinary `StringBuffer`.

**Note:** This class does not support attributes and is not intended for general use. Most clients will need to implement [Replaceable](#) in their text representation class.

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@see [Replaceable](#)

@author Alan Liu

@stable ICU 2.0

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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/system/bin/tc

/system/lib/libiprouteutil.so

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/system/lib/libcrypto\_static.a  
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```

- \* /kernel
- \* /recovery/root/sbin/mkfs.f2fs
- \* /recovery/root/sbin/recovery
- \* /root/file\_contexts.bin
- \* /root/init
- \* /root/property\_contexts
- \* /root/sbin/adbd
- \* /root/sbin/slideshow
- \* /root/seapp\_contexts
- \* /root/selinux\_version
- \* /root/sepolicy
- \* /root/service\_contexts
- \* /system/app/Calendar/Calendar.apk
- \* /system/app/CertInstaller/CertInstaller.apk
- \* /system/app/CubeLiveWallpapers/CubeLiveWallpapers.apk
- \* /system/app/DeskClock/DeskClock.apk
- \* /system/app/Email/Email.apk
- \* /system/app/ExactCalculator/ExactCalculator.apk
- \* /system/app/ExtShared/ExtShared.apk
- \* /system/app/HTMLViewer/HTMLViewer.apk
- \* /system/app/LatinIME/LatinIME.apk
- \* /system/app/LiveWallpapersPicker/LiveWallpapersPicker.apk
- \* /system/app/Music/Music.apk
- \* /system/app/PrintRecommendationService/PrintRecommendationService.apk
- \* /system/app/PrintSpooler/PrintSpooler.apk
- \* /system/app/QuickSearchBox/QuickSearchBox.apk
- \* /system/app/SoundRecorder/SoundRecorder.apk
- \* /system/app/UserDictionaryProvider/UserDictionaryProvider.apk
- \* /system/bin/am
- \* /system/bin/app\_process32
- \* /system/bin/applypatch
- \* /system/bin/appops
- \* /system/bin/appwidget
- \* /system/bin/atrace
- \* /system/bin/bu
- \* /system/bin/clatd
- \* /system/bin/cmd
- \* /system/bin/content
- \* /system/bin/debuggerd
- \* /system/bin/dexdump
- \* /system/bin/dnsmasq
- \* /system/bin/dpm
- \* /system/bin/drmservice
- \* /system/bin/dumpsys
- \* /system/bin/fsck.f2fs
- \* /system/bin/fsck\_msdos
- \* /system/bin/grep
- \* /system/bin/gzip
- \* /system/bin/hid
- \* /system/bin/ip
- \* /system/bin/ip6tables
- \* /system/bin/iptables
- \* /system/bin/linker
- \* /system/bin/logcat

- \* /system/bin/logwrapper
- \* /system/bin/make\_ext4fs
- \* /system/bin/make\_f2fs
- \* /system/bin/mdnsd
- \* /system/bin/media
- \* /system/bin/mediacodec
- \* /system/bin/mediaextractor
- \* /system/bin/mediaserver
- \* /system/bin/mtpd
- \* /system/bin/ping
- \* /system/bin/ping6
- \* /system/bin/pppd
- \* /system/bin/racoon
- \* /system/bin/requestsync
- \* /system/bin/rild
- \* /system/bin/run-as
- \* /system/bin/service
- \* /system/bin/sgdisk
- \* /system/bin/sh
- \* /system/bin/sm
- \* /system/bin/tc
- \* /system/bin/telecom
- \* /system/bin/tinycap
- \* /system/bin/tinymix
- \* /system/bin/tinyplay
- \* /system/bin/toolbox
- \* /system/bin/toybox
- \* /system/bin/wm
- \* /system/etc/clatd.conf
- \* /system/etc/mkshrc
- \* /system/etc/permissions/android.software.live\_wallpaper.xml
- \* /system/etc/security/mac\_permissions.xml
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- \* /system/priv-app/TeleService/TeleService.apk
- \* /system/priv-app/TelephonyProvider/TelephonyProvider.apk
- \* /system/xbin/sqlite3

Notices for file(s):  
/system/lib/libfec\_rs.a

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Version 2.1, February 1999

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General 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 special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be 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 non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the user's freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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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.

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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.

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- 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 Library" must include any data and utility programs needed for 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 components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.



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b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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Phil Endecott and Frank Gennari  
Cygwin fix provided by:  
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//
// See http://www.boost.org/libs/smart\_ptr/scoped\_ptr.htm for documentation.
//
//
// scoped_ptr mimics a built-in pointer except that it guarantees deletion
// of the object pointed to, either on destruction of the scoped_ptr or via
// an explicit reset(). scoped_ptr is a simple solution for simple needs;
// use shared_ptr or std::auto_ptr if your needs are more complex.
//
// scoped_ptr_malloc added in by Google. When one of
// these goes out of scope, instead of doing a delete or delete[], it
// calls free(). scoped_ptr_malloc<char> is likely to see much more
// use than any other specializations.
//
// release() added in by Google. Use this to conditionally
// transfer ownership of a heap-allocated object to the caller, usually on
// method success.
```

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/\*

\* Written by Wilco Dijkstra, 1996.  
\* Refer to NOTICE file at the root of git project.  
\*  
\* Minor modifications in code style for WebRTC, 2012.  
\*/

// The following email record is related to source files spl\_sqrt\_floor.c  
// and spl\_sqrt\_floor.s in trunk/src/common\_audio/signal\_processing/.

//

//

// From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>  
// Date: Fri, Jun 24, 2011 at 3:20 AM  
// Subject: Re: sqrt routine  
// To: Kevin Ma <kma@google.com>  
// Hi Kevin,  
// Thanks for asking. Those routines are public domain (originally posted to  
// comp.sys.arm a long time ago), so you can use them freely for any purpose.  
// Cheers,  
// Wilco

//

// ----- Original Message -----

// From: "Kevin Ma" <kma@google.com>  
// To: <Wilco.Dijkstra@ntlworld.com>  
// Sent: Thursday, June 23, 2011 11:44 PM  
// Subject: Fwd: sqrt routine  
// Hi Wilco,  
// I saw your sqrt routine from several web sites, including  
// <http://www.finesse.demon.co.uk/steven/sqrt.html>.  
// Just wonder if there's any copyright information with your Successive  
// approximation routines, or if I can freely use it for any purpose.  
// Thanks.  
// Kevin

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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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/system/framework/bmgr.jar

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2001 September 15

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

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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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sha2.h

Version 1.0.0beta1

Written by Aaron D. Gifford <me@aarongifford.com>

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 \$FreeBSD: src/sys/sys/queue.h,v 1.58 2004/04/07 04:19:49 imp Exp \$

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 Heiko Hund <heiko@ist.eigentlich.net>

Notices for file(s):

/recovery/root/sbin/recovery  
 /root/init  
 /system/app/Calendar/Calendar.apk  
 /system/app/CertInstaller/CertInstaller.apk  
 /system/app/CubeLiveWallpapers/CubeLiveWallpapers.apk  
 /system/app/DeskClock/DeskClock.apk  
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 /system/app/HTMLViewer/HTMLViewer.apk  
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 /system/app/UserDictionaryProvider/UserDictionaryProvider.apk  
 /system/bin/am  
 /system/bin/app\_process32  
 /system/bin/cmd  
 /system/bin/debuggerd  
 /system/bin/dexdump

/system/bin/drmservice  
/system/bin/dumppipe  
/system/bin/hid  
/system/bin/logcat  
/system/bin/logwrapper  
/system/bin/media  
/system/bin/mediaserver  
/system/bin/requestsync  
/system/bin/rild  
/system/bin/run-as  
/system/bin/service  
/system/bin/wm  
/system/etc/permissions/android.software.live\_wallpaper.xml  
/system/fonts/AndroidClock.ttf  
/system/fonts/DroidSansMono.ttf  
/system/framework/am.jar  
/system/framework/framework-res.apk  
/system/framework/hid.jar  
/system/framework/ime.jar  
/system/framework/input.jar  
/system/framework/media\_cmd.jar  
/system/framework/monkey.jar  
/system/framework/pm.jar  
/system/framework/requestsync.jar  
/system/framework/svc.jar  
/system/framework/wm.jar  
/system/lib/drm/libfdlockengine.so  
/system/lib/libandroid\_runtime.so  
/system/lib/libandroidfw.so  
/system/lib/libaudioflinger.so  
/system/lib/libaudiorecsampler.so  
/system/lib/libcamera\_client.so  
/system/lib/libcameraservice.so  
/system/lib/libcutils.a  
/system/lib/libcutils.so  
/system/lib/libdrmframework.so  
/system/lib/libdrmframeworkcommon.a  
/system/lib/libdrmpassthruplugin.so  
/system/lib/libdrmutility.a  
/system/lib/libfusesideload.a  
/system/lib/libhardware.so  
/system/lib/libhardware\_legacy.so  
/system/lib/libhwui.so  
/system/lib/libhwui\_static.a  
/system/lib/libinit.a  
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/system/lib/libmedia.so  
/system/lib/libmedia\_helper.a  
/system/lib/libmedia\_jni.so  
/system/lib/libmediaplayerservice.so  
/system/lib/libmtp.so  
/system/lib/libmusicbundle.a  
/system/lib/libnativehelper.so

/system/lib/libnetutils.so  
/system/lib/libpixelflinger.so  
/system/lib/libpower.so  
/system/lib/libreference-ril.so  
/system/lib/libregistermsexec.a  
/system/lib/libreverb.a  
/system/lib/libril.so  
/system/lib/libserviceutility.so  
/system/lib/libsoundpool.so  
/system/lib/libsqlite3\_android.a  
/system/lib/libstagefright.so  
/system/lib/libstagefright\_aacenc.a  
/system/lib/libstagefright\_amrnb\_common.so  
/system/lib/libstagefright\_amrnbdec.a  
/system/lib/libstagefright\_amrnbenc.a  
/system/lib/libstagefright\_amrwbdec.a  
/system/lib/libstagefright\_amrwbenc.a  
/system/lib/libstagefright\_avc\_common.so  
/system/lib/libstagefright\_color\_conversion.a  
/system/lib/libstagefright\_enc\_common.so  
/system/lib/libstagefright\_foundation.so  
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/system/lib/libstagefright\_soft\_vpxdec.so  
/system/lib/libstagefright\_timedtext.a  
/system/lib/libstagefright\_yuv.so  
/system/lib/libui.so  
/system/lib/libutils.a  
/system/lib/libutils.so  
/system/lib/soundfx/libaudiopreprocessing.so  
/system/lib/soundfx/libbundlewrapper.so  
/system/lib/soundfx/libdownmix.so  
/system/lib/soundfx/libreverbwrapper.so

/system/lib/soundfx/libvisualizer.so  
/system/priv-app/CalendarProvider/CalendarProvider.apk  
/system/priv-app/CellBroadcastReceiver/CellBroadcastReceiver.apk  
/system/priv-app/Contacts/Contacts.apk  
/system/priv-app/ContactsProvider/ContactsProvider.apk  
/system/priv-app/DownloadProvider/DownloadProvider.apk  
/system/priv-app/ExtServices/ExtServices.apk  
/system/priv-app/InputDevices/InputDevices.apk  
/system/priv-app/MediaProvider/MediaProvider.apk  
/system/priv-app/PackageInstaller/PackageInstaller.apk  
/system/priv-app/Provision/Provision.apk  
/system/priv-app/Settings/Settings.apk  
/system/priv-app/SettingsProvider/SettingsProvider.apk  
/system/priv-app/SystemUI/SystemUI.apk  
/system/priv-app/TeleService/TeleService.apk  
/system/priv-app/TelephonyProvider/TelephonyProvider.apk

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bspatch.c

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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.  
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`Replaceable` 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.

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

`Replaceable` 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.

`Replaceable` also includes API to access characters

in the string: `length()`, `charAt()`,  
`char32At()`, and `extractBetween()`.

For a subclass to support metadata, typical behavior of  
`replace()` 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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`ReplaceableString` is an adapter class that implements the  
`Replaceable` API around an ordinary `StringBuffer`.

<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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