

1 Notices for files contained in the filesystem images in this directory:  
2 =====  
3 Notices for file(s):  
4 /system/framework/qti-telephony-common.jar  
5 -----  
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122

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135

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139 code. If you link other code with the library, you must provide  
140 complete object files to the recipients, so that they can relink them  
141 with the library after making changes to the library and recompiling  
142 it. And you must show them these terms so they know their rights.  
143

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154

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160 consistent with the full freedom of use specified in this license.  
161

162 Most GNU software, including some libraries, is covered by the  
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165 is quite different from the ordinary General Public License. We use  
166 this license for certain libraries in order to permit linking those  
167 libraries into non-free programs.  
168

169 When a program is linked with a library, whether statically or using  
170 a shared library, the combination of the two is legally speaking a  
171 combined work, a derivative of the original library. The ordinary  
172 General Public License therefore permits such linking only if the  
173 entire combination fits its criteria of freedom. The Lesser General  
174 Public License permits more lax criteria for linking other code with  
175 the library.  
176

177 We call this license the "Lesser" General Public License because it  
178 does less to protect the user's freedom than the ordinary General  
179 Public License. It also provides other free software developers less  
180 of an advantage over competing non-free programs. These disadvantages  
181 are the reason we use the ordinary General Public License for many  
182 libraries. However, the Lesser license provides advantages in certain  
183 special circumstances.  
184

185 For example, on rare occasions, there may be a special need to  
186 encourage the widest possible use of a certain library, so that it becomes  
187 a de-facto standard. To achieve this, non-free programs must be

188 allowed to use the library. A more frequent case is that a free  
189 library does the same job as widely used non-free libraries. In this  
190 case, there is little to gain by limiting the free library to free  
191 software only, so we use the Lesser General Public License.

192  
193 In other cases, permission to use a particular library in non-free  
194 programs enables a greater number of people to use a large body of  
195 free software. For example, permission to use the GNU C Library in  
196 non-free programs enables many more people to use the whole GNU  
197 operating system, as well as its variant, the GNU/Linux operating  
198 system.

199  
200 Although the Lesser General Public License is Less protective of the  
201 users' freedom, it does ensure that the user of a program that is  
202 linked with the Library has the freedom and the wherewithal to run  
203 that program using a modified version of the Library.

204  
205 The precise terms and conditions for copying, distribution and  
206 modification follow. Pay close attention to the difference between a  
207 "work based on the library" and a "work that uses the library". The  
208 former contains code derived from the library, whereas the latter must  
209 be combined with the library in order to run.

210 **FF**

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219  
220 A "library" means a collection of software functions and/or data  
221 prepared so as to be conveniently linked with application programs  
222 (which use some of those functions and data) to form executables.

223  
224 The "Library", below, refers to any such software library or work  
225 which has been distributed under these terms. A "work based on the  
226 Library" means either the Library or any derivative work under  
227 copyright law: that is to say, a work containing the Library or a  
228 portion of it, either verbatim or with modifications and/or translated  
229 straightforwardly into another language. (Hereinafter, translation is  
230 included without limitation in the term "modification".)

231  
232 "Source code" for a work means the preferred form of the work for  
233 making modifications to it. For a library, complete source code means  
234 all the source code for all modules it contains, plus any associated  
235 interface definition files, plus the scripts used to control compilation  
236 and installation of the library.

237  
238 Activities other than copying, distribution and modification are not  
239 covered by this License; they are outside its scope. The act of  
240 running a program using the Library is not restricted, and output from  
241 such a program is covered only if its contents constitute a work based  
242 on the Library (independent of the use of the Library in a tool for  
243 writing it). Whether that is true depends on what the Library does  
244 and what the program that uses the Library does.

245  
246 1. You may copy and distribute verbatim copies of the Library's  
247 complete source code as you receive it, in any medium, provided that  
248 you conspicuously and appropriately publish on each copy an  
249 appropriate copyright notice and disclaimer of warranty; keep intact  
250 all the notices that refer to this License and to the absence of any  
251 warranty; and distribute a copy of this License along with the  
252 Library.

253  
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255 and you may at your option offer warranty protection in exchange for a  
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257 **FF**

258 2. You may modify your copy or copies of the Library or any portion  
259 of it, thus forming a work based on the Library, and copy and  
260 distribute such modifications or work under the terms of Section 1  
261 above, provided that you also meet all of these conditions:

- 262 a) The modified work must itself be a software library.
- 263
- 264 b) You must cause the files modified to carry prominent notices  
265 stating that you changed the files and the date of any change.
- 266
- 267 c) You must cause the whole of the work to be licensed at no  
268 charge to all third parties under the terms of this License.
- 269
- 270 d) If a facility in the modified Library refers to a function or a  
271 table of data to be supplied by an application program that uses  
272 the facility, other than as an argument passed when the facility  
273 is invoked, then you must make a good faith effort to ensure that,  
274 in the event an application does not supply such function or  
275 table, the facility still operates, and performs whatever part of  
276 its purpose remains meaningful.
- 277

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

284

285 These requirements apply to the modified work as a whole. If  
286 identifiable sections of that work are not derived from the Library,  
287 and can be reasonably considered independent and separate works in  
288 themselves, then this License, and its terms, do not apply to those  
289 sections when you distribute them as separate works. But when you  
290 distribute the same sections as part of a whole which is a work based  
291 on the Library, the distribution of the whole must be on the terms of  
292 this License, whose permissions for other licensees extend to the  
293 entire whole, and thus to each and every part regardless of who wrote  
294 it.

295

296 Thus, it is not the intent of this section to claim rights or contest  
297 your rights to work written entirely by you; rather, the intent is to  
298 exercise the right to control the distribution of derivative or  
299 collective works based on the Library.

300

301 In addition, mere aggregation of another work not based on the Library  
302 with the Library (or with a work based on the Library) on a volume of  
303 a storage or distribution medium does not bring the other work under  
304 the scope of this License.

305

306

307 3. You may opt to apply the terms of the ordinary GNU General Public  
308 License instead of this License to a given copy of the Library. To do  
309 this, you must alter all the notices that refer to this License, so  
310 that they refer to the ordinary GNU General Public License, version 2,  
311 instead of to this License. (If a newer version than version 2 of the  
312 ordinary GNU General Public License has appeared, then you can specify  
313 that version instead if you wish.) Do not make any other change in  
314 these notices.

315 **FF**

316 Once this change is made in a given copy, it is irreversible for  
317 that copy, so the ordinary GNU General Public License applies to all  
318 subsequent copies and derivative works made from that copy.

319

320 This option is useful when you wish to copy part of the code of  
321 the Library into a program that is not a library.

322

323 4. You may copy and distribute the Library (or a portion or  
324 derivative of it, under Section 2) in object code or executable form  
325 under the terms of Sections 1 and 2 above provided that you accompany

326 it with the complete corresponding machine-readable source code, which  
327 must be distributed under the terms of Sections 1 and 2 above on a  
328 medium customarily used for software interchange.

329  
330 If distribution of object code is made by offering access to copy  
331 from a designated place, then offering equivalent access to copy the  
332 source code from the same place satisfies the requirement to  
333 distribute the source code, even though third parties are not  
334 compelled to copy the source along with the object code.

335  
336 5. A program that contains no derivative of any portion of the  
337 Library, but is designed to work with the Library by being compiled or  
338 linked with it, is called a "work that uses the Library". Such a  
339 work, in isolation, is not a derivative work of the Library, and  
340 therefore falls outside the scope of this License.

341  
342 However, linking a "work that uses the Library" with the Library  
343 creates an executable that is a derivative of the Library (because it  
344 contains portions of the Library), rather than a "work that uses the  
345 library". The executable is therefore covered by this License.  
346 Section 6 states terms for distribution of such executables.

347  
348 When a "work that uses the Library" uses material from a header file  
349 that is part of the Library, the object code for the work may be a  
350 derivative work of the Library even though the source code is not.  
351 Whether this is true is especially significant if the work can be  
352 linked without the Library, or if the work is itself a library. The  
353 threshold for this to be true is not precisely defined by law.

354  
355 If such an object file uses only numerical parameters, data  
356 structure layouts and accessors, and small macros and small inline  
357 functions (ten lines or less in length), then the use of the object  
358 file is unrestricted, regardless of whether it is legally a derivative  
359 work. (Executables containing this object code plus portions of the  
360 Library will still fall under Section 6.)

361  
362 Otherwise, if the work is a derivative of the Library, you may  
363 distribute the object code for the work under the terms of Section 6.  
364 Any executables containing that work also fall under Section 6,  
365 whether or not they are linked directly with the Library itself.

366 **FF**  
367 6. As an exception to the Sections above, you may also combine or  
368 link a "work that uses the Library" with the Library to produce a  
369 work containing portions of the Library, and distribute that work  
370 under terms of your choice, provided that the terms permit  
371 modification of the work for the customer's own use and reverse  
372 engineering for debugging such modifications.

373  
374 You must give prominent notice with each copy of the work that the  
375 Library is used in it and that the Library and its use are covered by  
376 this License. You must supply a copy of this License. If the work  
377 during execution displays copyright notices, you must include the  
378 copyright notice for the Library among them, as well as a reference  
379 directing the user to the copy of this License. Also, you must do one  
380 of these things:

381  
382 a) Accompany the work with the complete corresponding  
383 machine-readable source code for the Library including whatever  
384 changes were used in the work (which must be distributed under  
385 Sections 1 and 2 above); and, if the work is an executable linked  
386 with the Library, with the complete machine-readable "work that  
387 uses the Library", as object code and/or source code, so that the  
388 user can modify the Library and then relink to produce a modified  
389 executable containing the modified Library. (It is understood  
390 that the user who changes the contents of definitions files in the  
391 Library will not necessarily be able to recompile the application  
392 to use the modified definitions.)

393  
394 b) Use a suitable shared library mechanism for linking with the

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

401 c) Accompany the work with a written offer, valid for at  
402 least three years, to give the same user the materials  
403 specified in Subsection 6a, above, for a charge no more  
404 than the cost of performing this distribution.  
405

406 d) If distribution of the work is made by offering access to copy  
407 from a designated place, offer equivalent access to copy the above  
408 specified materials from the same place.  
409

410 e) Verify that the user has already received a copy of these  
411 materials or that you have already sent this user a copy.  
412

413 For an executable, the required form of the "work that uses the  
414 Library" must include any data and utility programs needed for  
415 reproducing the executable from it. However, as a special exception,  
416 the materials to be distributed need not include anything that is  
417 normally distributed (in either source or binary form) with the major  
418 components (compiler, kernel, and so on) of the operating system on  
419 which the executable runs, unless that component itself accompanies  
420 the executable.  
421

422 It may happen that this requirement contradicts the license  
423 restrictions of other proprietary libraries that do not normally  
424 accompany the operating system. Such a contradiction means you cannot  
425 use both them and the Library together in an executable that you  
426 distribute.  
427

428 **FF**  
429 7. You may place library facilities that are a work based on the  
430 Library side-by-side in a single library together with other library  
431 facilities not covered by this License, and distribute such a combined  
432 library, provided that the separate distribution of the work based on  
433 the Library and of the other library facilities is otherwise  
434 permitted, and provided that you do these two things:

435 a) Accompany the combined library with a copy of the same work  
436 based on the Library, uncombined with any other library  
437 facilities. This must be distributed under the terms of the  
438 Sections above.  
439

440 b) Give prominent notice with the combined library of the fact  
441 that part of it is a work based on the Library, and explaining  
442 where to find the accompanying uncombined form of the same work.  
443

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481 refrain entirely from distribution of the Library.

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553

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563

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587

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591

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593 library `Frob' (a library for tweaking knobs) written by James Random Hacker.  
594

595 <signature of Ty Coon>, 1 April 1990  
596 Ty Coon, President of Vice  
597

598 That's all there is to it!  
599  
600  
601

602 =====  
603 Notices for file(s):  
604 /system/bin/dnsmasq  
605 -----

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613  
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640 you have. You must make sure that they, too, receive or can get the  
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1219 //
1220 // See http://www.boost.org/libs/smart\_ptr/scoped\_ptr.htm for documentation.
1221 //
1222
1223 // scoped_ptr mimics a built-in pointer except that it guarantees deletion
1224 // of the object pointed to, either on destruction of the scoped_ptr or via
1225 // an explicit reset(). scoped_ptr is a simple solution for simple needs;
1226 // use shared_ptr or std::auto_ptr if your needs are more complex.
1227
1228 // scoped_ptr_malloc added in by Google. When one of
1229 // these goes out of scope, instead of doing a delete or delete[], it
1230 // calls free(). scoped_ptr_malloc<char> is likely to see much more
1231 // use than any other specializations.
1232
1233 // release() added in by Google. Use this to conditionally
1234 // transfer ownership of a heap-allocated object to the caller, usually on
1235 // method success.
1236
1237
1238 =====
1239 /*
1240 * Written by Wilco Dijkstra, 1996.
1241 * Refer to NOTICE file at the root of git project.
1242 *
1243 * Minor modifications in code style for WebRTC, 2012.
1244 */
1245
1246 // The following email record is related to source files spl_sqrt_floor.c
1247 // and spl_sqrt_floor.s in trunk/src/common_audio/signal_processing/.
1248 //
1249 //
1250 // From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
1251 // Date: Fri, Jun 24, 2011 at 3:20 AM
1252 // Subject: Re: sqrt routine
1253 // To: Kevin Ma <kma@google.com>
1254 // Hi Kevin,
1255 // Thanks for asking. Those routines are public domain (originally posted to
1256 // comp.sys.arm a long time ago), so you can use them freely for any purpose.
1257 // Cheers,
1258 // Wilco
1259 //
1260 // ----- Original Message -----
```

1261 // From: "Kevin Ma" <kma@google.com>  
1262 // To: <Wilco.Dijkstra@ntlworld.com>  
1263 // Sent: Thursday, June 23, 2011 11:44 PM  
1264 // Subject: Fwd: sqrt routine  
1265 // Hi Wilco,  
1266 // I saw your sqrt routine from several web sites, including  
1267 // http://www.finesse.demon.co.uk/steven/sqrt.html.  
1268 // Just wonder if there's any copyright information with your Successive  
1269 // approximation routines, or if I can freely use it for any purpose.  
1270 // Thanks.  
1271 // Kevin

1272  
1273 =====  
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2539  *
2540  * RiscBSD kernel project
2541  *
2542  * db_disasm.c
2543  *
2544  * Kernel disassembler
2545  *
2546  * Created      : 10/02/96
2547  *
2548  * Structured after the sparc/sparc/db_disasm.c by David S. Miller &
2549  * Paul Kranenburg
2550  *
2551  * This code is not complete. Not all instructions are disassembled.
2552  */
```

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4582 TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY  
4583 YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER  
4584 PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE  
4585 POSSIBILITY OF SUCH DAMAGES.

4586  
4587 END OF TERMS AND CONDITIONS

4588  
4589 How to Apply These Terms to Your New Programs

4590  
4591 If you develop a new program, and you want it to be of the greatest  
4592 possible use to the public, the best way to achieve this is to make it  
4593 free software which everyone can redistribute and change under these terms.

4594  
4595 To do so, attach the following notices to the program. It is safest  
4596 to attach them to the start of each source file to most effectively  
4597 convey the exclusion of warranty; and each file should have at least  
4598 the "copyright" line and a pointer to where the full notice is found.

4599  
4600 <one line to give the program's name and a brief idea of what it does.>  
4601 Copyright (C) <year> <name of author>

4602  
4603 This program is free software; you can redistribute it and/or modify  
4604 it under the terms of the GNU General Public License as published by  
4605 the Free Software Foundation; either version 2 of the License, or  
4606 (at your option) any later version.

4607  
4608 This program is distributed in the hope that it will be useful,  
4609 but WITHOUT ANY WARRANTY; without even the implied warranty of  
4610 MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
4611 GNU General Public License for more details.

4612  
4613 You should have received a copy of the GNU General Public License  
4614 along with this program; if not, write to the Free Software  
4615 Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

4616  
4617  
4618 Also add information on how to contact you by electronic and paper mail.

4619  
4620 If the program is interactive, make it output a short notice like this  
4621 when it starts in an interactive mode:

4622  
4623 Gnomovision version 69, Copyright (C) year name of author  
4624 Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
4625 This is free software, and you are welcome to redistribute it  
4626 under certain conditions; type `show c' for details.

4627  
4628 The hypothetical commands `show w' and `show c' should show the appropriate  
4629 parts of the General Public License. Of course, the commands you use may  
4630 be called something other than `show w' and `show c'; they could even be  
4631 mouse-clicks or menu items--whatever suits your program.

4632  
4633 You should also get your employer (if you work as a programmer) or your  
4634 school, if any, to sign a "copyright disclaimer" for the program, if  
4635 necessary. Here is a sample; alter the names:

4636  
4637 Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
4638 `Gnomovision' (which makes passes at compilers) written by James Hacker.

4639  
4640 <signature of Ty Coon>, 1 April 1989  
4641 Ty Coon, President of Vice

4642  
4643 This General Public License does not permit incorporating your program into  
4644 proprietary programs. If your program is a subroutine library, you may  
4645 consider it more useful to permit linking proprietary applications with the  
4646 library. If this is what you want to do, use the GNU Library General  
4647 Public License instead of this License.  
4648

=====  
4650 GNU LESSER GENERAL PUBLIC LICENSE  
4651 Version 2.1, February 1999

4652  
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4654 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
4655 Everyone is permitted to copy and distribute verbatim copies  
4656 of this license document, but changing it is not allowed.  
4657

4658 [This is the first released version of the Lesser GPL. It also counts  
4659 as the successor of the GNU Library Public License, version 2, hence  
4660 the version number 2.1.]

4661 Preamble

4662  
4663  
4664 The licenses for most software are designed to take away your  
4665 freedom to share and change it. By contrast, the GNU General Public  
4666 Licenses are intended to guarantee your freedom to share and change  
4667 free software--to make sure the software is free for all its users.  
4668

4669 This license, the Lesser General Public License, applies to some  
4670 specially designated software packages--typically libraries--of the  
4671 Free Software Foundation and other authors who decide to use it. You  
4672 can use it too, but we suggest you first think carefully about whether  
4673 this license or the ordinary General Public License is the better  
4674 strategy to use in any particular case, based on the explanations below.  
4675

4676 When we speak of free software, we are referring to freedom of use,  
4677 not price. Our General Public Licenses are designed to make sure that  
4678 you have the freedom to distribute copies of free software (and charge  
4679 for this service if you wish); that you receive source code or can get  
4680 it if you want it; that you can change the software and use pieces of  
4681 it in new free programs; and that you are informed that you can do  
4682 these things.  
4683

4684 To protect your rights, we need to make restrictions that forbid  
4685 distributors to deny you these rights or to ask you to surrender these  
4686 rights. These restrictions translate to certain responsibilities for  
4687 you if you distribute copies of the library or if you modify it.  
4688

4689 For example, if you distribute copies of the library, whether gratis  
4690 or for a fee, you must give the recipients all the rights that we gave  
4691 you. You must make sure that they, too, receive or can get the source  
4692 code. If you link other code with the library, you must provide  
4693 complete object files to the recipients, so that they can relink them  
4694 with the library after making changes to the library and recompiling  
4695 it. And you must show them these terms so they know their rights.  
4696

4697 We protect your rights with a two-step method: (1) we copyright the  
4698 library, and (2) we offer you this license, which gives you legal  
4699 permission to copy, distribute and/or modify the library.  
4700

4701 To protect each distributor, we want to make it very clear that  
4702 there is no warranty for the free library. Also, if the library is  
4703 modified by someone else and passed on, the recipients should know  
4704 that what they have is not the original version, so that the original  
4705 author's reputation will not be affected by problems that might be  
4706 introduced by others.  
4707

4708 Finally, software patents pose a constant threat to the existence of  
4709 any free program. We wish to make sure that a company cannot  
4710 effectively restrict the users of a free program by obtaining a

4711 restrictive license from a patent holder. Therefore, we insist that  
4712 any patent license obtained for a version of the library must be  
4713 consistent with the full freedom of use specified in this license.  
4714

4715 Most GNU software, including some libraries, is covered by the  
4716 ordinary GNU General Public License. This license, the GNU Lesser  
4717 General Public License, applies to certain designated libraries, and  
4718 is quite different from the ordinary General Public License. We use  
4719 this license for certain libraries in order to permit linking those  
4720 libraries into non-free programs.  
4721

4722 When a program is linked with a library, whether statically or using  
4723 a shared library, the combination of the two is legally speaking a  
4724 combined work, a derivative of the original library. The ordinary  
4725 General Public License therefore permits such linking only if the  
4726 entire combination fits its criteria of freedom. The Lesser General  
4727 Public License permits more lax criteria for linking other code with  
4728 the library.  
4729

4730 We call this license the "Lesser" General Public License because it  
4731 does less to protect the user's freedom than the ordinary General  
4732 Public License. It also provides other free software developers less  
4733 of an advantage over competing non-free programs. These disadvantages  
4734 are the reason we use the ordinary General Public License for many  
4735 libraries. However, the Lesser license provides advantages in certain  
4736 special circumstances.  
4737

4738 For example, on rare occasions, there may be a special need to  
4739 encourage the widest possible use of a certain library, so that it becomes  
4740 a de-facto standard. To achieve this, non-free programs must be  
4741 allowed to use the library. A more frequent case is that a free  
4742 library does the same job as widely used non-free libraries. In this  
4743 case, there is little to gain by limiting the free library to free  
4744 software only, so we use the Lesser General Public License.  
4745

4746 In other cases, permission to use a particular library in non-free  
4747 programs enables a greater number of people to use a large body of  
4748 free software. For example, permission to use the GNU C Library in  
4749 non-free programs enables many more people to use the whole GNU  
4750 operating system, as well as its variant, the GNU/Linux operating  
4751 system.  
4752

4753 Although the Lesser General Public License is less protective of the  
4754 users' freedom, it does ensure that the user of a program that is  
4755 linked with the Library has the freedom and the wherewithal to run  
4756 that program using a modified version of the Library.  
4757

4758 The precise terms and conditions for copying, distribution and  
4759 modification follow. Pay close attention to the difference between a  
4760 "work based on the library" and a "work that uses the library". The  
4761 former contains code derived from the library, whereas the latter must  
4762 be combined with the library in order to run.  
4763

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4765 TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION  
4766

4767 0. This License Agreement applies to any software library or other  
4768 program which contains a notice placed by the copyright holder or  
4769 other authorized party saying it may be distributed under the terms of  
4770 this Lesser General Public License (also called "this License").  
4771 Each licensee is addressed as "you".  
4772

4773 A "library" means a collection of software functions and/or data  
4774 prepared so as to be conveniently linked with application programs  
4775 (which use some of those functions and data) to form executables.  
4776

4777 The "Library", below, refers to any such software library or work  
4778 which has been distributed under these terms. A "work based on the  
4779 Library" means either the Library or any derivative work under

4780 copyright law: that is to say, a work containing the Library or a  
4781 portion of it, either verbatim or with modifications and/or translated  
4782 straightforwardly into another language. (Hereinafter, translation is  
4783 included without limitation in the term "modification".)  
4784

4785 "Source code" for a work means the preferred form of the work for  
4786 making modifications to it. For a library, complete source code means  
4787 all the source code for all modules it contains, plus any associated  
4788 interface definition files, plus the scripts used to control compilation  
4789 and installation of the library.  
4790

4791 Activities other than copying, distribution and modification are not  
4792 covered by this License; they are outside its scope. The act of  
4793 running a program using the Library is not restricted, and output from  
4794 such a program is covered only if its contents constitute a work based  
4795 on the Library (independent of the use of the Library in a tool for  
4796 writing it). Whether that is true depends on what the Library does  
4797 and what the program that uses the Library does.  
4798

4799 1. You may copy and distribute verbatim copies of the Library's  
4800 complete source code as you receive it, in any medium, provided that  
4801 you conspicuously and appropriately publish on each copy an  
4802 appropriate copyright notice and disclaimer of warranty; keep intact  
4803 all the notices that refer to this License and to the absence of any  
4804 warranty; and distribute a copy of this License along with the  
4805 Library.  
4806

4807 You may charge a fee for the physical act of transferring a copy,  
4808 and you may at your option offer warranty protection in exchange for a  
4809 fee.  
4810

4811 **FF** 2. You may modify your copy or copies of the Library or any portion  
4812 of it, thus forming a work based on the Library, and copy and  
4813 distribute such modifications or work under the terms of Section 1  
4814 above, provided that you also meet all of these conditions:  
4815

4816 a) The modified work must itself be a software library.  
4817

4818 b) You must cause the files modified to carry prominent notices  
4819 stating that you changed the files and the date of any change.  
4820

4821 c) You must cause the whole of the work to be licensed at no  
4822 charge to all third parties under the terms of this License.  
4823

4824 d) If a facility in the modified Library refers to a function or a  
4825 table of data to be supplied by an application program that uses  
4826 the facility, other than as an argument passed when the facility  
4827 is invoked, then you must make a good faith effort to ensure that,  
4828 in the event an application does not supply such function or  
4829 table, the facility still operates, and performs whatever part of  
4830 its purpose remains meaningful.  
4831


4832 (For example, a function in a library to compute square roots has  
4833 a purpose that is entirely well-defined independent of the  
4834 application. Therefore, Subsection 2d requires that any  
4835 application-supplied function or table used by this function must  
4836 be optional: if the application does not supply it, the square  
4837 root function must still compute square roots.)  
4838

4839 These requirements apply to the modified work as a whole. If  
4840 identifiable sections of that work are not derived from the Library,  
4841 and can be reasonably considered independent and separate works in  
4842 themselves, then this License, and its terms, do not apply to those  
4843 sections when you distribute them as separate works. But when you  
4844 distribute the same sections as part of a whole which is a work based  
4845 on the Library, the distribution of the whole must be on the terms of  
4846 this License, whose permissions for other licensees extend to the  
4847 entire whole, and thus to each and every part regardless of who wrote  
4848 it.

4849  
4850 Thus, it is not the intent of this section to claim rights or contest  
4851 your rights to work written entirely by you; rather, the intent is to  
4852 exercise the right to control the distribution of derivative or  
4853 collective works based on the Library.  
4854

4855 In addition, mere aggregation of another work not based on the Library  
4856 with the Library (or with a work based on the Library) on a volume of  
4857 a storage or distribution medium does not bring the other work under  
4858 the scope of this License.  
4859

4860 3. You may opt to apply the terms of the ordinary GNU General Public  
4861 License instead of this License to a given copy of the Library. To do  
4862 this, you must alter all the notices that refer to this License, so  
4863 that they refer to the ordinary GNU General Public License, version 2,  
4864 instead of to this License. (If a newer version than version 2 of the  
4865 ordinary GNU General Public License has appeared, then you can specify  
4866 that version instead if you wish.) Do not make any other change in  
4867 these notices.

4868  Once this change is made in a given copy, it is irreversible for  
4869 that copy, so the ordinary GNU General Public License applies to all  
4870 subsequent copies and derivative works made from that copy.  
4871  
4872

4873 This option is useful when you wish to copy part of the code of  
4874 the Library into a program that is not a library.  
4875

4876 4. You may copy and distribute the Library (or a portion or  
4877 derivative of it, under Section 2) in object code or executable form  
4878 under the terms of Sections 1 and 2 above provided that you accompany  
4879 it with the complete corresponding machine-readable source code, which  
4880 must be distributed under the terms of Sections 1 and 2 above on a  
4881 medium customarily used for software interchange.  
4882

4883 If distribution of object code is made by offering access to copy  
4884 from a designated place, then offering equivalent access to copy the  
4885 source code from the same place satisfies the requirement to  
4886 distribute the source code, even though third parties are not  
4887 compelled to copy the source along with the object code.  
4888

4889 5. A program that contains no derivative of any portion of the  
4890 Library, but is designed to work with the Library by being compiled or  
4891 linked with it, is called a "work that uses the Library". Such a  
4892 work, in isolation, is not a derivative work of the Library, and  
4893 therefore falls outside the scope of this License.  
4894

4895 However, linking a "work that uses the Library" with the Library  
4896 creates an executable that is a derivative of the Library (because it  
4897 contains portions of the Library), rather than a "work that uses the  
4898 library". The executable is therefore covered by this License.  
4899 Section 6 states terms for distribution of such executables.  
4900

4901 When a "work that uses the Library" uses material from a header file  
4902 that is part of the Library, the object code for the work may be a  
4903 derivative work of the Library even though the source code is not.  
4904 Whether this is true is especially significant if the work can be  
4905 linked without the Library, or if the work is itself a library. The  
4906 threshold for this to be true is not precisely defined by law.  
4907

4908 If such an object file uses only numerical parameters, data  
4909 structure layouts and accessors, and small macros and small inline  
4910 functions (ten lines or less in length), then the use of the object  
4911 file is unrestricted, regardless of whether it is legally a derivative  
4912 work. (Executables containing this object code plus portions of the  
4913 Library will still fall under Section 6.)  
4914

4915 Otherwise, if the work is a derivative of the Library, you may  
4916 distribute the object code for the work under the terms of Section 6.  
4917 Any executables containing that work also fall under Section 6,



4918 whether or not they are linked directly with the Library itself.

4919 **¶¶**

4920 6. As an exception to the Sections above, you may also combine or  
4921 link a "work that uses the Library" with the Library to produce a  
4922 work containing portions of the Library, and distribute that work  
4923 under terms of your choice, provided that the terms permit  
4924 modification of the work for the customer's own use and reverse  
4925 engineering for debugging such modifications.

4926  
4927 You must give prominent notice with each copy of the work that the  
4928 Library is used in it and that the Library and its use are covered by  
4929 this License. You must supply a copy of this License. If the work  
4930 during execution displays copyright notices, you must include the  
4931 copyright notice for the Library among them, as well as a reference  
4932 directing the user to the copy of this License. Also, you must do one  
4933 of these things:

4934  
4935 a) Accompany the work with the complete corresponding  
4936 machine-readable source code for the Library including whatever  
4937 changes were used in the work (which must be distributed under  
4938 Sections 1 and 2 above); and, if the work is an executable linked  
4939 with the Library, with the complete machine-readable "work that  
4940 uses the Library", as object code and/or source code, so that the  
4941 user can modify the Library and then relink to produce a modified  
4942 executable containing the modified Library. (It is understood  
4943 that the user who changes the contents of definitions files in the  
4944 Library will not necessarily be able to recompile the application  
4945 to use the modified definitions.)

4946  
4947 b) Use a suitable shared library mechanism for linking with the  
4948 Library. A suitable mechanism is one that (1) uses at run time a  
4949 copy of the library already present on the user's computer system,  
4950 rather than copying library functions into the executable, and (2)  
4951 will operate properly with a modified version of the library, if  
4952 the user installs one, as long as the modified version is  
4953 interface-compatible with the version that the work was made with.

4954  
4955 c) Accompany the work with a written offer, valid for at  
4956 least three years, to give the same user the materials  
4957 specified in Subsection 6a, above, for a charge no more  
4958 than the cost of performing this distribution.

4959  
4960 d) If distribution of the work is made by offering access to copy  
4961 from a designated place, offer equivalent access to copy the above  
4962 specified materials from the same place.

4963  
4964 e) Verify that the user has already received a copy of these  
4965 materials or that you have already sent this user a copy.

4966  
4967 For an executable, the required form of the "work that uses the  
4968 Library" must include any data and utility programs needed for  
4969 reproducing the executable from it. However, as a special exception,  
4970 the materials to be distributed need not include anything that is  
4971 normally distributed (in either source or binary form) with the major  
4972 components (compiler, kernel, and so on) of the operating system on  
4973 which the executable runs, unless that component itself accompanies  
4974 the executable.

4975  
4976 It may happen that this requirement contradicts the license  
4977 restrictions of other proprietary libraries that do not normally  
4978 accompany the operating system. Such a contradiction means you cannot  
4979 use both them and the Library together in an executable that you  
4980 distribute.

4981 **¶¶**

4982 7. You may place library facilities that are a work based on the  
4983 Library side-by-side in a single library together with other library  
4984 facilities not covered by this License, and distribute such a combined  
4985 library, provided that the separate distribution of the work based on  
4986 the Library and of the other library facilities is otherwise

4987 permitted, and provided that you do these two things:

4988

4989 a) Accompany the combined library with a copy of the same work  
4990 based on the Library, uncombined with any other library  
4991 facilities. This must be distributed under the terms of the  
4992 Sections above.

4993

4994 b) Give prominent notice with the combined library of the fact  
4995 that part of it is a work based on the Library, and explaining  
4996 where to find the accompanying uncombined form of the same work.

4997

4998 8. You may not copy, modify, sublicense, link with, or distribute  
4999 the Library except as expressly provided under this License. Any  
5000 attempt otherwise to copy, modify, sublicense, link with, or  
5001 distribute the Library is void, and will automatically terminate your  
5002 rights under this License. However, parties who have received copies,  
5003 or rights, from you under this License will not have their licenses  
5004 terminated so long as such parties remain in full compliance.

5005

5006 9. You are not required to accept this License, since you have not  
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5013 the Library or works based on it.

5014

5015 10. Each time you redistribute the Library (or any work based on the  
5016 Library), the recipient automatically receives a license from the  
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5018 subject to these terms and conditions. You may not impose any further  
5019 restrictions on the recipients' exercise of the rights granted herein.  
5020 You are not responsible for enforcing compliance by third parties with  
5021 this License.

5022

5023 11. If, as a consequence of a court judgment or allegation of patent  
5024 infringement or for any other reason (not limited to patent issues),  
5025 conditions are imposed on you (whether by court order, agreement or  
5026 otherwise) that contradict the conditions of this License, they do not  
5027 excuse you from the conditions of this License. If you cannot  
5028 distribute so as to satisfy simultaneously your obligations under this  
5029 License and any other pertinent obligations, then as a consequence you  
5030 may not distribute the Library at all. For example, if a patent  
5031 license would not permit royalty-free redistribution of the Library by  
5032 all those who receive copies directly or indirectly through you, then  
5033 the only way you could satisfy both it and this License would be to  
5034 refrain entirely from distribution of the Library.

5035

5036 If any portion of this section is held invalid or unenforceable under any  
5037 particular circumstance, the balance of the section is intended to apply,  
5038 and the section as a whole is intended to apply in other circumstances.

5039

5040 It is not the purpose of this section to induce you to infringe any  
5041 patents or other property right claims or to contest validity of any  
5042 such claims; this section has the sole purpose of protecting the  
5043 integrity of the free software distribution system which is  
5044 implemented by public license practices. Many people have made  
5045 generous contributions to the wide range of software distributed  
5046 through that system in reliance on consistent application of that  
5047 system; it is up to the author/donor to decide if he or she is willing  
5048 to distribute software through any other system and a licensee cannot  
5049 impose that choice.

5050

5051 This section is intended to make thoroughly clear what is believed to  
5052 be a consequence of the rest of this License.

5053

5054 12. If the distribution and/or use of the Library is restricted in  
5055 certain countries either by patents or by copyrighted interfaces, the

5056 original copyright holder who places the Library under this License may add  
5057 an explicit geographical distribution limitation excluding those countries,  
5058 so that distribution is permitted only in or among countries not thus  
5059 excluded. In such case, this License incorporates the limitation as if  
5060 written in the body of this License.  
5061

5062 13. The Free Software Foundation may publish revised and/or new  
5063 versions of the Lesser General Public License from time to time.  
5064 Such new versions will be similar in spirit to the present version,  
5065 but may differ in detail to address new problems or concerns.  
5066

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5072 license version number, you may choose any version ever published by  
5073 the Free Software Foundation.  
5074

FF

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5076 programs whose distribution conditions are incompatible with these,  
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5078 copyrighted by the Free Software Foundation, write to the Free  
5079 Software Foundation; we sometimes make exceptions for this. Our  
5080 decision will be guided by the two goals of preserving the free status  
5081 of all derivatives of our free software and of promoting the sharing  
5082 and reuse of software generally.  
5083

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5085  
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5089 OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY  
5090 KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE  
5091 IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
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5093 LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME  
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5095

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5100 CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE  
5101 LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING  
5102 RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A  
5103 FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF  
5104 SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH  
5105 DAMAGES.  
5106

#### 5107 END OF TERMS AND CONDITIONS

FF

#### 5109 How to Apply These Terms to Your New Libraries

5110  
5111 If you develop a new library, and you want it to be of the greatest  
5112 possible use to the public, we recommend making it free software that  
5113 everyone can redistribute and change. You can do so by permitting  
5114 redistribution under these terms (or, alternatively, under the terms of the  
5115 ordinary General Public License).  
5116

5117 To apply these terms, attach the following notices to the library. It is  
5118 safest to attach them to the start of each source file to most effectively  
5119 convey the exclusion of warranty; and each file should have at least the  
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6576 Python was created in the early 1990s by Guido van Rossum at Stichting  
6577 Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands  
6578 as a successor of a language called ABC. Guido remains Python's  
6579 principal author, although it includes many contributions from others.

6580  
6581 In 1995, Guido continued his work on Python at the Corporation for  
6582 National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
6583 in Reston, Virginia where he released several versions of the  
6584 software.

6585  
6586 In May 2000, Guido and the Python core development team moved to  
6587 BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
6588 year, the PythonLabs team moved to Digital Creations (now Zope  
6589 Corporation, see <http://www.zope.com>). In 2001, the Python Software  
6590 Foundation (PSF, see <http://www.python.org/psf/>) was formed, a  
6591 non-profit organization created specifically to own Python-related  
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6600	Release	Derived	Year	Owner	GPL-
6601		from			compatible? (1)
6603	0.9.0 thru 1.2		1991-1995	CWI	yes
6604	1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
6605	1.6	1.5.2	2000	CNRI	no
6606	2.0	1.6	2000	BeOpen.com	no
6607	1.6.1	1.6	2001	CNRI	yes (2)
6608	2.1	2.0+1.6.1	2001	PSF	no
6609	2.0.1	2.0+1.6.1	2001	PSF	yes
6610	2.1.1	2.1+2.0.1	2001	PSF	yes
6611	2.2	2.1.1	2001	PSF	yes
6612	2.1.2	2.1.1	2002	PSF	yes
6613	2.1.3	2.1.2	2002	PSF	yes
6614	2.2.1	2.2	2002	PSF	yes
6615	2.2.2	2.2.1	2002	PSF	yes
6616	2.2.3	2.2.2	2003	PSF	yes
6617	2.3	2.2.2	2002-2003	PSF	yes
6618	2.3.1	2.3	2002-2003	PSF	yes
6619	2.3.2	2.3.1	2002-2003	PSF	yes
6620	2.3.3	2.3.2	2002-2003	PSF	yes
6621	2.3.4	2.3.3	2004	PSF	yes
6622	2.3.5	2.3.4	2005	PSF	yes
6623	2.4	2.3	2004	PSF	yes
6624	2.4.1	2.4	2005	PSF	yes
6625	2.4.2	2.4.1	2005	PSF	yes
6626	2.4.3	2.4.2	2006	PSF	yes
6627	2.4.4	2.4.3	2006	PSF	yes
6628	2.5	2.4	2006	PSF	yes
6629	2.5.1	2.5	2007	PSF	yes
6630	2.5.2	2.5.1	2008	PSF	yes
6631	2.5.3	2.5.2	2008	PSF	yes
6632	2.6	2.5	2008	PSF	yes
6633	2.6.1	2.6	2008	PSF	yes
6634	2.6.2	2.6.1	2009	PSF	yes
6635	2.6.3	2.6.2	2009	PSF	yes
6636	2.6.4	2.6.3	2009	PSF	yes
6637	2.6.5	2.6.4	2010	PSF	yes
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6639  
6640 Footnotes:

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6648 (2) According to Richard Stallman, 1.6.1 is not GPL-compatible,  
6649 because its license has a choice of law clause. According to  
6650 CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1  
6651 is "not incompatible" with the GPL.  
6652

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8303 /system/fonts/NotoNaskhArabic-Bold.ttf
8304 /system/fonts/NotoNaskhArabic-Regular.ttf
8305 /system/fonts/NotoNaskhArabicUI-Bold.ttf
8306 /system/fonts/NotoNaskhArabicUI-Regular.ttf
8307 /system/fonts/NotoSansArmenian-Bold.ttf
8308 /system/fonts/NotoSansArmenian-Regular.ttf
8309 /system/fonts/NotoSansBalinese-Regular.ttf
8310 /system/fonts/NotoSansBamum-Regular.ttf
8311 /system/fonts/NotoSansBatak-Regular.ttf
8312 /system/fonts/NotoSansBengali-Bold.ttf
8313 /system/fonts/NotoSansBengali-Regular.ttf
8314 /system/fonts/NotoSansBengaliUI-Bold.ttf
8315 /system/fonts/NotoSansBengaliUI-Regular.ttf
8316 /system/fonts/NotoSansBuginese-Regular.ttf
8317 /system/fonts/NotoSansBuhid-Regular.ttf
8318 /system/fonts/NotoSansCJK-Regular.ttc
8319 /system/fonts/NotoSansCanadianAboriginal-Regular.ttf
8320 /system/fonts/NotoSansCham-Bold.ttf
8321 /system/fonts/NotoSansCham-Regular.ttf
8322 /system/fonts/NotoSansCherokee-Regular.ttf
8323 /system/fonts/NotoSansCoptic-Regular.ttf
8324 /system/fonts/NotoSansDevanagari-Bold.ttf
8325 /system/fonts/NotoSansDevanagari-Regular.ttf
8326 /system/fonts/NotoSansDevanagariUI-Bold.ttf
8327 /system/fonts/NotoSansDevanagariUI-Regular.ttf
8328 /system/fonts/NotoSansEthiopic-Bold.ttf
8329 /system/fonts/NotoSansEthiopic-Regular.ttf
8330 /system/fonts/NotoSansGeorgian-Bold.ttf
8331 /system/fonts/NotoSansGeorgian-Regular.ttf
8332 /system/fonts/NotoSansGlagolitic-Regular.ttf
8333 /system/fonts/NotoSansGujarati-Bold.ttf
8334 /system/fonts/NotoSansGujarati-Regular.ttf
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8335 /system/fonts/NotoSansGujaratiUI-Bold.ttf  
8336 /system/fonts/NotoSansGujaratiUI-Regular.ttf  
8337 /system/fonts/NotoSansGurmukhi-Bold.ttf  
8338 /system/fonts/NotoSansGurmukhi-Regular.ttf  
8339 /system/fonts/NotoSansGurmukhiUI-Bold.ttf  
8340 /system/fonts/NotoSansGurmukhiUI-Regular.ttf  
8341 /system/fonts/NotoSansHanunoo-Regular.ttf  
8342 /system/fonts/NotoSansHebrew-Bold.ttf  
8343 /system/fonts/NotoSansHebrew-Regular.ttf  
8344 /system/fonts/NotoSansJavanese-Regular.ttf  
8345 /system/fonts/NotoSansKannada-Bold.ttf  
8346 /system/fonts/NotoSansKannada-Regular.ttf  
8347 /system/fonts/NotoSansKannadaUI-Bold.ttf  
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8386 /system/fonts/NotoSansSymbols-Regular-Subsetting2.ttf  
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10002 Android adaptation and tweak by Jim Huang <jserv@0xlab.org>.  
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Origin: <http://code.google.com/p/y2038>

Modified for Bionic by the Android Open Source Project

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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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19362 Emulation of getentropy(2) as documented at:  
19363 <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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19927 Jean-loup Gailly	Mark Adler
19928 jloup@gzip.org	madler@alumni.caltech.edu

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21848 /system/bin/racoon

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22145 sha2.h

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22147 Version 1.0.0beta1

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22262 @(#)queue.h 8.5 (Berkeley) 8/20/94  
22263 \$FreeBSD: src/sys/sys/queue.h,v 1.58 2004/04/07 04:19:49 imp Exp \$  
22264

22265 04/24/2004 Backport to v1.45 functionality for ipsec-tools  
22266 Heiko Hund <heiko@ist.eigentlich.net>  
22267  
22268  
22269

22270 =====

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22629 /system/bin/app\_process32  
22630 /system/bin/cmd  
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22645 /system/bin/service  
22646 /system/bin/wm  
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22648 /system/fonts/AndroidClock.ttf  
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22737 /system/lib/libutils.a  
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22740 /system/lib/soundfx/libbundlewrapper.so  
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22742 /system/lib/soundfx/libreverbwrapper.so  
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22757 /system/xbin/ksminfo  
22758 /system/xbin/latencytop  
22759 /system/xbin/librank  
22760 /system/xbin/procmem  
22761 /system/xbin/procrank  
22762 /system/xbin/rawbu  
22763 /system/xbin/showmap  
22764 /system/xbin/showslab  
22765 /system/xbin/su  
22766 /system/xbin/taskstats  
22767 -----

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22786  
22787 1. Definitions.

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22791  
22792 "Licensor" shall mean the copyright owner or entity authorized by  
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22794  
22795 "Legal Entity" shall mean the union of the acting entity and all  
22796 other entities that control, are controlled by, or are under common  
22797 control with that entity. For the purposes of this definition,  
22798 "control" means (i) the power, direct or indirect, to cause the  
22799 direction or management of such entity, whether by contract or  
22800 otherwise, or (ii) ownership of fifty percent (50%) or more of the  
22801 outstanding shares, or (iii) beneficial ownership of such entity.  
22802

22803  
22804 "You" (or "Your") shall mean an individual or Legal Entity  
22805 exercising permissions granted by this License.

22806  
22807 "Source" form shall mean the preferred form for making modifications,  
22808 including but not limited to software source code, documentation  
22809 source, and configuration files.

22810  
22811 "Object" form shall mean any form resulting from mechanical  
22812 transformation or translation of a Source form, including but  
22813 not limited to compiled object code, generated documentation,  
22814 and conversions to other media types.

22815  
22816 "Work" shall mean the work of authorship, whether in Source or  
22817 Object form, made available under the License, as indicated by a  
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22819 (an example is provided in the Appendix below).

22820  
22821 "Derivative Works" shall mean any work, whether in Source or Object  
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22827  
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22957  
22958  
22959 =====  
22960 Notices for file(s):

22961 /system/lib/libnl.a  
22962 /system/lib/libnl.so

-----  
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22973 as the successor of the GNU Library Public License, version 2, hence  
22974 the version number 2.1.]

22975  
22976 Preamble

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22996 these things.

22997  
22998 To protect your rights, we need to make restrictions that forbid  
22999 distributors to deny you these rights or to ask you to surrender these  
23000 rights. These restrictions translate to certain responsibilities for  
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23002  
23003 For example, if you distribute copies of the library, whether gratis  
23004 or for a fee, you must give the recipients all the rights that we gave  
23005 you. You must make sure that they, too, receive or can get the source  
23006 code. If you link other code with the library, you must provide  
23007 complete object files to the recipients, so that they can relink them  
23008 with the library after making changes to the library and recompiling  
23009 it. And you must show them these terms so they know their rights.

23010  
23011 We protect your rights with a two-step method: (1) we copyright the  
23012 library, and (2) we offer you this license, which gives you legal  
23013 permission to copy, distribute and/or modify the library.

23014  
23015 To protect each distributor, we want to make it very clear that  
23016 there is no warranty for the free library. Also, if the library is  
23017 modified by someone else and passed on, the recipients should know  
23018 that what they have is not the original version, so that the original  
23019 author's reputation will not be affected by problems that might be  
23020 introduced by others.

23021   
23022 Finally, software patents pose a constant threat to the existence of  
23023 any free program. We wish to make sure that a company cannot  
23024 effectively restrict the users of a free program by obtaining a  
23025 restrictive license from a patent holder. Therefore, we insist that  
23026 any patent license obtained for a version of the library must be  
23027 consistent with the full freedom of use specified in this license.

23028  
23029 Most GNU software, including some libraries, is covered by the

23030 ordinary GNU General Public License. This license, the GNU Lesser  
23031 General Public License, applies to certain designated libraries, and  
23032 is quite different from the ordinary General Public License. We use  
23033 this license for certain libraries in order to permit linking those  
23034 libraries into non-free programs.  
23035

23036 When a program is linked with a library, whether statically or using  
23037 a shared library, the combination of the two is legally speaking a  
23038 combined work, a derivative of the original library. The ordinary  
23039 General Public License therefore permits such linking only if the  
23040 entire combination fits its criteria of freedom. The Lesser General  
23041 Public License permits more lax criteria for linking other code with  
23042 the library.  
23043

23044 We call this license the "Lesser" General Public License because it  
23045 does Less to protect the user's freedom than the ordinary General  
23046 Public License. It also provides other free software developers Less  
23047 of an advantage over competing non-free programs. These disadvantages  
23048 are the reason we use the ordinary General Public License for many  
23049 libraries. However, the Lesser license provides advantages in certain  
23050 special circumstances.  
23051

23052 For example, on rare occasions, there may be a special need to  
23053 encourage the widest possible use of a certain library, so that it becomes  
23054 a de-facto standard. To achieve this, non-free programs must be  
23055 allowed to use the library. A more frequent case is that a free  
23056 library does the same job as widely used non-free libraries. In this  
23057 case, there is little to gain by limiting the free library to free  
23058 software only, so we use the Lesser General Public License.  
23059

23060 In other cases, permission to use a particular library in non-free  
23061 programs enables a greater number of people to use a large body of  
23062 free software. For example, permission to use the GNU C Library in  
23063 non-free programs enables many more people to use the whole GNU  
23064 operating system, as well as its variant, the GNU/Linux operating  
23065 system.  
23066

23067 Although the Lesser General Public License is Less protective of the  
23068 users' freedom, it does ensure that the user of a program that is  
23069 linked with the Library has the freedom and the wherewithal to run  
23070 that program using a modified version of the Library.  
23071

23072 The precise terms and conditions for copying, distribution and  
23073 modification follow. Pay close attention to the difference between a  
23074 "work based on the library" and a "work that uses the library". The  
23075 former contains code derived from the library, whereas the latter must  
23076 be combined with the library in order to run.  
23077

23077 **FF**

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23081 0. This License Agreement applies to any software library or other  
23082 program which contains a notice placed by the copyright holder or  
23083 other authorized party saying it may be distributed under the terms of  
23084 this Lesser General Public License (also called "this License").  
23085 Each licensee is addressed as "you".  
23086

23087 A "library" means a collection of software functions and/or data  
23088 prepared so as to be conveniently linked with application programs  
23089 (which use some of those functions and data) to form executables.  
23090

23091 The "Library", below, refers to any such software library or work  
23092 which has been distributed under these terms. A "work based on the  
23093 Library" means either the Library or any derivative work under  
23094 copyright law: that is to say, a work containing the Library or a  
23095 portion of it, either verbatim or with modifications and/or translated  
23096 straightforwardly into another language. (Hereinafter, translation is  
23097 included without limitation in the term "modification".)  
23098

23099 "Source code" for a work means the preferred form of the work for  
23100 making modifications to it. For a library, complete source code means  
23101 all the source code for all modules it contains, plus any associated  
23102 interface definition files, plus the scripts used to control compilation  
23103 and installation of the library.  
23104

23105 Activities other than copying, distribution and modification are not  
23106 covered by this License; they are outside its scope. The act of  
23107 running a program using the Library is not restricted, and output from  
23108 such a program is covered only if its contents constitute a work based  
23109 on the Library (independent of the use of the Library in a tool for  
23110 writing it). Whether that is true depends on what the Library does  
23111 and what the program that uses the Library does.  
23112

23113 1. You may copy and distribute verbatim copies of the Library's  
23114 complete source code as you receive it, in any medium, provided that  
23115 you conspicuously and appropriately publish on each copy an  
23116 appropriate copyright notice and disclaimer of warranty; keep intact  
23117 all the notices that refer to this License and to the absence of any  
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23119 Library.  
23120

23121 You may charge a fee for the physical act of transferring a copy,  
23122 and you may at your option offer warranty protection in exchange for a  
23123 fee.  
23124

23125 2. You may modify your copy or copies of the Library or any portion  
23126 of it, thus forming a work based on the Library, and copy and  
23127 distribute such modifications or work under the terms of Section 1  
23128 above, provided that you also meet all of these conditions:  
23129

- 23130 a) The modified work must itself be a software library.
- 23131
- 23132 b) You must cause the files modified to carry prominent notices  
23133 stating that you changed the files and the date of any change.  
23134
- 23135 c) You must cause the whole of the work to be licensed at no  
23136 charge to all third parties under the terms of this License.  
23137
- 23138 d) If a facility in the modified Library refers to a function or a  
23139 table of data to be supplied by an application program that uses  
23140 the facility, other than as an argument passed when the facility  
23141 is invoked, then you must make a good faith effort to ensure that,  
23142 in the event an application does not supply such function or  
23143 table, the facility still operates, and performs whatever part of  
23144 its purpose remains meaningful.  
23145

23146 (For example, a function in a library to compute square roots has  
23147 a purpose that is entirely well-defined independent of the  
23148 application. Therefore, Subsection 2d requires that any  
23149 application-supplied function or table used by this function must  
23150 be optional: if the application does not supply it, the square  
23151 root function must still compute square roots.)  
23152

23153 These requirements apply to the modified work as a whole. If  
23154 identifiable sections of that work are not derived from the Library,  
23155 and can be reasonably considered independent and separate works in  
23156 themselves, then this License, and its terms, do not apply to those  
23157 sections when you distribute them as separate works. But when you  
23158 distribute the same sections as part of a whole which is a work based  
23159 on the Library, the distribution of the whole must be on the terms of  
23160 this License, whose permissions for other licensees extend to the  
23161 entire whole, and thus to each and every part regardless of who wrote  
23162 it.  
23163

23164 Thus, it is not the intent of this section to claim rights or contest  
23165 your rights to work written entirely by you; rather, the intent is to  
23166 exercise the right to control the distribution of derivative or  
23167 collective works based on the Library.

23168  
23169 In addition, mere aggregation of another work not based on the Library  
23170 with the Library (or with a work based on the Library) on a volume of  
23171 a storage or distribution medium does not bring the other work under  
23172 the scope of this License.  
23173

23174 3. You may opt to apply the terms of the ordinary GNU General Public  
23175 License instead of this License to a given copy of the Library. To do  
23176 this, you must alter all the notices that refer to this License, so  
23177 that they refer to the ordinary GNU General Public License, version 2,  
23178 instead of to this License. (If a newer version than version 2 of the  
23179 ordinary GNU General Public License has appeared, then you can specify  
23180 that version instead if you wish.) Do not make any other change in  
23181 these notices.

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23183 Once this change is made in a given copy, it is irreversible for  
23184 that copy, so the ordinary GNU General Public License applies to all  
23185 subsequent copies and derivative works made from that copy.  
23186

23187 This option is useful when you wish to copy part of the code of  
23188 the Library into a program that is not a library.  
23189

23190 4. You may copy and distribute the Library (or a portion or  
23191 derivative of it, under Section 2) in object code or executable form  
23192 under the terms of Sections 1 and 2 above provided that you accompany  
23193 it with the complete corresponding machine-readable source code, which  
23194 must be distributed under the terms of Sections 1 and 2 above on a  
23195 medium customarily used for software interchange.  
23196

23197 If distribution of object code is made by offering access to copy  
23198 from a designated place, then offering equivalent access to copy the  
23199 source code from the same place satisfies the requirement to  
23200 distribute the source code, even though third parties are not  
23201 compelled to copy the source along with the object code.  
23202

23203 5. A program that contains no derivative of any portion of the  
23204 Library, but is designed to work with the Library by being compiled or  
23205 linked with it, is called a "work that uses the Library". Such a  
23206 work, in isolation, is not a derivative work of the Library, and  
23207 therefore falls outside the scope of this License.  
23208

23209 However, linking a "work that uses the Library" with the Library  
23210 creates an executable that is a derivative of the Library (because it  
23211 contains portions of the Library), rather than a "work that uses the  
23212 library". The executable is therefore covered by this License.  
23213 Section 6 states terms for distribution of such executables.  
23214

23215 When a "work that uses the Library" uses material from a header file  
23216 that is part of the Library, the object code for the work may be a  
23217 derivative work of the Library even though the source code is not.  
23218 Whether this is true is especially significant if the work can be  
23219 linked without the Library, or if the work is itself a library. The  
23220 threshold for this to be true is not precisely defined by law.  
23221

23222 If such an object file uses only numerical parameters, data  
23223 structure layouts and accessors, and small macros and small inline  
23224 functions (ten lines or less in length), then the use of the object  
23225 file is unrestricted, regardless of whether it is legally a derivative  
23226 work. (Executables containing this object code plus portions of the  
23227 Library will still fall under Section 6.)  
23228

23229 Otherwise, if the work is a derivative of the Library, you may  
23230 distribute the object code for the work under the terms of Section 6.  
23231 Any executables containing that work also fall under Section 6,  
23232 whether or not they are linked directly with the Library itself.  
23233

23234 **FF**  
23235 6. As an exception to the Sections above, you may also combine or  
23236 link a "work that uses the Library" with the Library to produce a  
work containing portions of the Library, and distribute that work

23237 under terms of your choice, provided that the terms permit  
23238 modification of the work for the customer's own use and reverse  
23239 engineering for debugging such modifications.  
23240

23241 You must give prominent notice with each copy of the work that the  
23242 Library is used in it and that the Library and its use are covered by  
23243 this License. You must supply a copy of this License. If the work  
23244 during execution displays copyright notices, you must include the  
23245 copyright notice for the Library among them, as well as a reference  
23246 directing the user to the copy of this License. Also, you must do one  
23247 of these things:  
23248

23249 a) Accompany the work with the complete corresponding  
23250 machine-readable source code for the Library including whatever  
23251 changes were used in the work (which must be distributed under  
23252 Sections 1 and 2 above); and, if the work is an executable linked  
23253 with the Library, with the complete machine-readable "work that  
23254 uses the Library", as object code and/or source code, so that the  
23255 user can modify the Library and then relink to produce a modified  
23256 executable containing the modified Library. (It is understood  
23257 that the user who changes the contents of definitions files in the  
23258 Library will not necessarily be able to recompile the application  
23259 to use the modified definitions.)  
23260

23261 b) Use a suitable shared library mechanism for linking with the  
23262 Library. A suitable mechanism is one that (1) uses at run time a  
23263 copy of the library already present on the user's computer system,  
23264 rather than copying library functions into the executable, and (2)  
23265 will operate properly with a modified version of the library, if  
23266 the user installs one, as long as the modified version is  
23267 interface-compatible with the version that the work was made with.  
23268

23269 c) Accompany the work with a written offer, valid for at  
23270 least three years, to give the same user the materials  
23271 specified in Subsection 6a, above, for a charge no more  
23272 than the cost of performing this distribution.  
23273

23274 d) If distribution of the work is made by offering access to copy  
23275 from a designated place, offer equivalent access to copy the above  
23276 specified materials from the same place.  
23277

23278 e) Verify that the user has already received a copy of these  
23279 materials or that you have already sent this user a copy.  
23280

23281 For an executable, the required form of the "work that uses the  
23282 Library" must include any data and utility programs needed for  
23283 reproducing the executable from it. However, as a special exception,  
23284 the materials to be distributed need not include anything that is  
23285 normally distributed (in either source or binary form) with the major  
23286 components (compiler, kernel, and so on) of the operating system on  
23287 which the executable runs, unless that component itself accompanies  
23288 the executable.  
23289

23290 It may happen that this requirement contradicts the license  
23291 restrictions of other proprietary libraries that do not normally  
23292 accompany the operating system. Such a contradiction means you cannot  
23293 use both them and the Library together in an executable that you  
23294 distribute.  
23295

23296 **FF**  
23297 7. You may place library facilities that are a work based on the  
23298 Library side-by-side in a single library together with other library  
23299 facilities not covered by this License, and distribute such a combined  
23300 library, provided that the separate distribution of the work based on  
23301 the Library and of the other library facilities is otherwise  
23302 permitted, and provided that you do these two things:

23303 a) Accompany the combined library with a copy of the same work  
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/system/bin/setup\_fs  
/system/lib/libext4\_utils.so  
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26697 /system/vendor/lib/libbtnv.so  
26698 -----

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26705  
26706 NOTICES:

26707  
26708 =====  
=====

26709  
26710 1.

26711 /\*  
26712 \* FILE: sha2.c  
26713 \* AUTHOR: Aaron D. Gifford <me@aarongifford.com>  
26714 \*  
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26740



```

26741 * SUCH DAMAGE.
26742 *
26743 * $Id: sha2.c,v 1.1 2001/11/08 00:01:51 adg Exp adg $
26744 */
26745 File: LLM_sp_sha2.c
26746
26747
26748 /*
26749 * FILE: sha2.h
26750 * AUTHOR: Aaron D. Gifford <me@aarongifford.com>
26751 *
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26776 * OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
26777 * SUCH DAMAGE.
26778 *
26779 * $Id: sha2.h,v 1.1 2001/11/08 00:02:01 adg Exp adg $
26780 */
26781 File: LLM_sp_sha2.h
26782
26783 =====
26784
26785 2.
26786
26787 /* utility to create the register check tables
26788 * this includes inlined list.h safe for userspace.
26789 *
26790 * Copyright 2009 Jerome Glisse
26791 * Copyright 2009 Red Hat Inc.
26792 *
26793 * Authors:
26794 * Jerome Glisse
26795 * Dave Airlie
26796 */
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26803  
26804  
26805  
26806

\*/  
File: comm\_lib.h

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=====

26807  
26808  
26809

3.

26810  
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26814  
26815  
26816  
26817

/\* crypto/aes/aes.h -\*- mode:C; c-file-style: "eay" -\*- \*/

/\* =====

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\* =====

\*

\*/

26857  
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26861  
26862

File Name list: aes.h, aes\_locl.h

=====

```

=====
26863
26864 4.
26865
26866 /* crypto/aes/aes_core.c -*- mode:C; c-file-style: "eay" -*- */
26867 /**
26868  * rijndael-alg-fst.c
26869  *
26870  * @version 3.0 (December 2000)
26871  *
26872  * Optimised ANSI C code for the Rijndael cipher (now AES)
26873  *
26874  * @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
26875  * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
26876  * @author Paulo Barreto <paulo.barreto@terra.com.br>
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26891  */
26892 File: aes_core.c
26893
=====

```

```

26895
26896 5.
26897
26898 /*=====
26899
26900
26901
26902
26903
26904
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```

EDIT HISTORY FOR FILE

```

$Header: //depot/asic/msmshared/sec/sec/MSM_SEC.03.03.08.xx/aes.h#1 $
$DateTime: 2006/12/11 00:43:21 $ $Author: davidf $

```

when	who	what, where, why
11/12/04	rv	changes to correct LINT errors
02/02/04	rwh	Small mods to open source.

```

=====*/
/*
I retain copyright in this code but I encourage its free use provided
that I don't carry any responsibility for the results. I am especially
happy to see it used in free and open source software. If you do use
it I would appreciate an acknowledgement of its origin in the code or
the product that results and I would also appreciate knowing a liittle
about the use to which it is being put.

Dr B. R. Gladman <brg@gladman.uk.net> 1st June 2001.

This is an implementation of the AES encryption algorithm (Rijndael)
designed by Joan Daemen and Vincent Rijmen. This version is designed
to provide both fixed and dynamic block and key lengths and can also
run with either big or little endian internal byte order.

NOTE: Input block and key lengths are given in terms of the lengths of
the byte arrays involved, the legal values being 16, 24 and 32.

```

## A. THE CIPHER INTERFACE

```
26930
26931
26932 byte          (an unsigned 8-bit type)
26933 word         (an unsigned 32-bit type)
26934 aes_ret:     (a signed 16 bit type for function return values)
26935     aes_good  (value != 0, a good return)
26936     aes_bad   (value == 0, an error return)
26937 enum aes_key: (encryption direction)
26938     enc       (set key for encryption)
26939     dec       (set key for decryption)
26940     both      (set key for both)
26941 class or struct aes (structure for context)
```

### C subroutine calls:

```
26944
26945 aes_ret set_blk(const word block_length, aes *cx) (variable block size)
26946 aes_ret set_key(const byte key[], const word key_length,
26947               const enum aes_key direction, aes *cx)
26948 aes_ret encrypt(const byte input_blk[], byte output_blk[], const aes *cx)
26949 aes_ret decrypt(const byte input_blk[], byte output_blk[], const aes *cx)
```

26950  
26951 IMPORTANT NOTE: If you are using this C interface and your compiler does  
26952 not set the memory used for objects to zero before use, you will need to  
26953 ensure that cx.mode is set to zero before using the C subroutine calls.

### C++ aes class subroutines:

```
26954
26955
26956 aes_ret set_blk(const word block_length) (variable block size)
26957 aes_ret set_key(const byte key[], const word key_length,
26958               const aes_key direction)
26959 aes_ret encrypt(const byte input_blk[], byte output_blk[]) const
26960 aes_ret decrypt(const byte input_blk[], byte output_blk[]) const
```

26961  
26962 The block length inputs to set\_block and set\_key are in numbers of  
26963 BYTES, not bits. The calls to subroutines must be made in the above  
26964 order but multiple calls can be made without repeating earlier calls  
26965 if their parameters have not changed. If the cipher block length is  
26966 variable but set\_blk has not been called before cipher operations a  
26967 value of 16 is assumed (that is, the AES block size). In contrast to  
26968 earlier versions the block and key length parameters are now checked  
26969 for correctness and the encryption and decryption routines check to  
26970 ensure that an appropriate key has been set before they are called.

## B. BYTE ORDER WITHIN 32 BIT WORDS

26971  
26972  
26973  
26974  
26975 The fundamental data processing units in Rijndael are 8-bit bytes. The  
26976 input, the output and the key input are all enumerated arrays of bytes  
26977 in which bytes are numbered starting at zero and increasing to one less  
26978 than the number of bytes in the array in question. When these inputs  
26979 and outputs are considered as bit sequences, the n'th byte contains  
26980 bits 8n to 8n+7 of the sequence with the lower numbered bit mapped to  
26981 the most significant bit within the byte (i.e. that having a numeric  
26982 value of 128). However, Rijndael can be implemented more efficiently  
26983 using 32-bit words to process 4 bytes at a time provided that the order  
26984 of bytes within words is known. This order is called big-endian if the  
26985 lowest numbered bytes in words have the highest numeric significance  
26986 and little-endian if the opposite applies. This code can work in either  
26987 order irrespective of the native order of the machine on which it runs.  
26988 The byte order used internally is set by defining INTERNAL\_BYTE\_ORDER  
26989 whereas the order for all inputs and outputs is specified by defining  
26990 EXTERNAL\_BYTE\_ORDER, the only purpose of the latter being to determine  
26991 if a byte order change is needed immediately after input and immediately  
26992 before output to account for the use of a different internal byte order.  
26993 In almost all situations both of these defines will be set to the native  
26994 order of the processor on which the code is to run but other settings  
26995 may sometimes be useful in special circumstances.

```
26996
26997 #define INTERNAL_BYTE_ORDER LITTLE_ENDIAN
26998 #define EXTERNAL_BYTE_ORDER LITTLE_ENDIAN
```

```

26999
27000 C. COMPILATION
27001
27002 To compile AES (Rijndael) for use in C code
27003 a. Exclude the AES_DLL define in aes.h
27004 b. Exclude the AES_IN_CPP define in aes.h
27005
27006 To compile AES (Rijndael) for use in in C++ code
27007 a. Exclude the AES_DLL define in aes.h
27008 b. Include the AES_IN_CPP define in aes.h
27009
27010 To compile AES (Rijndael) in C as a Dynamic Link Library
27011 a. Include the AES_DLL define in aes.h
27012 b. Compile the DLL. If using the test files, exclude aes.c from
27013 the test build project and compile it with the same defines
27014 as used for the DLL (ensure that the DLL path is correct)
27015
27016 D. CONFIGURATION OPTIONS (see also aes.c)
27017
27018 1. define BLOCK_SIZE to set the cipher block size (16, 24 or 32) or
27019 leave this undefined for dynamically variable block size (this will
27020 result in much slower code).
27021
27022 2. set AES_IN_CPP to use the code from C++ rather than C
27023
27024 3. set AES_DLL if AES (Rijndael) is to be compiled to a DLL
27025
27026 4. set INTERNAL_BYTE_ORDER to one of the above constants to set the
27027 internal byte order (the order used within the algorithm code)
27028
27029 5. set EXTERNAL_BYTE_ORDER to one of the above constants to set the byte
27030 order used at the external interfaces for the input, output and key
27031 byte arrays.
27032
27033 IMPORTANT NOTE: BLOCK_SIZE is in BYTES: 16, 24, 32 or undefined for aes.c
27034 and 16, 20, 24, 28, 32 or undefined for aes++.c. If left undefined a
27035 slower version providing variable block length is compiled
27036
27037 #define BLOCK_SIZE 16
27038
27039 Define AES_IN_CPP if you intend to use the AES C++ class rather than the
27040 C code directly.
27041
27042 #define AES_IN_CPP
27043
27044 Define AES_DLL if you wish to compile the code to produce a Windows DLL
27045
27046 #define AES_DLL
27047
27048 */
27049 File: aes.h
27050
27051 /*=====
27052
27053 EDIT HISTORY FOR FILE
27054
27055 $Header: //depot/asic/msmshared/sec/sec/MSM_SEC.03.03.08.xx/aes_tab.h#1 $
27056 $DateTime: 2006/12/11 00:43:21 $ $Author: davidf $
27057
27058 when who what, where, why
27059 -----
27060 11/12/04 rv changes to correct LINT errors
27061 02/02/04 rwh Small mods to open source.
27062
27063 =====*/
27064
27065 /*lint -e146 -e303 */
27066 /* 146: Assuming a binary constant */
27067 /* 303: String too long (try +macros) */
27068
27069 /*
27070 I retain copyright in this code but I encourage its free use provided
27071 that I don't carry any responsibility for the results. I am especially

```

27068 happy to see it used in free and open source software. If you do use  
27069 it I would appreciate an acknowledgement of its origin in the code or  
27070 the product that results and I would also appreciate knowing a liittle  
27071 about the use to which it is being put.  
27072

27073 Dr B. R. Gladman <brg@gladman.uk.net> 1st June 2001.

27074 \*/

27075 File: aes\_tab.h

27076 =====

27077 =====

27078 6.

27079 =====

27080 =====

27080 #FILE:Conftest.py

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27102 #

27103 #

27104 #

27105 # The purpose of this module is to define how a check is to be performed.

27106 # Use one of the Check...() functions below.

27107 #

27108 #

27109 #

27110 # A context class is used that defines functions for carrying out the tests,

27111 # logging and messages. The following methods and members must be present:

27112 #

27113 # context.Display(msg) Function called to print messages that are normally

27114 # displayed for the user. Newlines are explicitly used.

27115 # The text should also be written to the logfile!

27116 #

27117 # context.Log(msg) Function called to write to a log file.

27118 #

27119 # context.BuildProg(text, ext)

27120 # Function called to build a program, using "ext" for the

27121 # file extention. Must return an empty string for

27122 # success, an error message for failure.

27123 # For reliable test results building should be done just

27124 # like an actual program would be build, using the same

27125 # command and arguments (including configure results so

27126 # far).

27127 #

27128 # context.CompileProg(text, ext)

27129 # Function called to compile a program, using "ext" for

27130 # the file extention. Must return an empty string for

27131 # success, an error message for failure.

27132 # For reliable test results compiling should be done just

27133 # like an actual source file would be compiled, using the

27134 # same command and arguments (including configure results

```

27135 # so far).
27136 #
27137 # context.AppendLIBS(lib_name_list)
27138 # Append "lib_name_list" to the value of LIBS.
27139 # "lib_namelist" is a list of strings.
27140 # Return the value of LIBS before changing it (any type
27141 # can be used, it is passed to SetLIBS() later.)
27142 #
27143 # context.PrependLIBS(lib_name_list)
27144 # Prepend "lib_name_list" to the value of LIBS.
27145 # "lib_namelist" is a list of strings.
27146 # Return the value of LIBS before changing it (any type
27147 # can be used, it is passed to SetLIBS() later.)
27148 #
27149 # context.SetLIBS(value)
27150 # Set LIBS to "value". The type of "value" is what
27151 # AppendLIBS() returned.
27152 # Return the value of LIBS before changing it (any type
27153 # can be used, it is passed to SetLIBS() later.)
27154 #
27155 # context.headerfilename
27156 # Name of file to append configure results to, usually
27157 # "confdefs.h".
27158 # The file must not exist or be empty when starting.
27159 # Empty or None to skip this (some tests will not work!).
27160 #
27161 # context.config_h (may be missing). If present, must be a string, which
27162 # will be filled with the contents of a config_h file.
27163 #
27164 # context vardict Dictionary holding variables used for the tests and
27165 # stores results from the tests, used for the build
27166 # commands.
27167 # Normally contains "CC", "LIBS", "CPPFLAGS", etc.
27168 #
27169 # context.havedict Dictionary holding results from the tests that are to
27170 # be used inside a program.
27171 # Names often start with "HAVE_". These are zero
27172 # (feature not present) or one (feature present). Other
27173 # variables may have any value, e.g., "PERLVERSION" can
27174 #
27175 =====
27176 =====
27177 Notices for file(s):
27178 /system/bin/fsck_msdos
27179 -----
27180 /*
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27210 \*/

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27212  
27213  
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\*  
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29899  
29900 `Replaceable` is an interface representing a  
29901 string of characters that supports the replacement of a range of  
29902 itself with a new string of characters. It is used by APIs that  
29903 change a piece of text while retaining metadata. Metadata is data  
29904 other than the Unicode characters returned by `char32At()`. One  
29905 example of metadata is style attributes; another is an edit  
29906 history, marking each character with an author and revision number.  
29907

29908 

An implicit aspect of the `Replaceable` API is that  
29909 during a replace operation, new characters take on the metadata of  
29910 the old characters. For example, if the string "the **bold**  
29911 font" has range (4, 8) replaced with "strong", then it becomes "the  
29912 **strong** font".

29913  
29914 

`Replaceable` specifies ranges using a start  
29915 offset and a limit offset. The range of characters thus specified  
29916 includes the characters at offset start..limit-1. That is, the  
29917 start offset is inclusive, and the limit offset is exclusive.

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`Replaceable` also includes API to access characters  
29920 in the string: `length()`, `charAt()`,  
29921 `char32At()`, and `extractBetween()`.

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For a subclass to support metadata, typical behavior of  
29924 `replace()` is the following:

- 29925
  - 29926 `Set the metadata of the new text to the metadata of the first`  
29927 `character replaced`
  - 29928 `If no characters are replaced, use the metadata of the`  
29929 `previous character`
  - 29930 `If there is no previous character (i.e. start == 0), use the`  
29931 `following character`
  - 29932 `If there is no following character (i.e. the replaceable was`  
29933 `empty), use default metadata`
  - 29934 `If the code point U+FFFF is seen, it should be interpreted as`  
29935 `a special marker having no metadata`

29936

29937

29938 If this is not the behavior, the subclass should document any differences.

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29942  
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29944 @author Alan Liu

29945 @stable ICU 2.0

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29947 -----

29948 `ReplaceableString` is an adapter class that implements the  
29949 `Replaceable` API around an ordinary `StringBuffer`.

29950 

Note: This class does not support attributes and is not  
29951 intended for general use. Most clients will need to implement  
29952 `{@link Replaceable}` in their text representation class.

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29956  
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29958 @see Replaceable

29959 @author Alan Liu

29960 @stable ICU 2.0

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