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6-67546-09 Rev D, SW Version 4.8

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Version 3, 29 June 2007

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David Goulet <david.goulet@polymtl.ca> July 18, 2011

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```
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```

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#include <urcu.h>
```

Dynamic-only linking with the LGPL library is used if `_LGPL_SOURCE` is not defined. It permits relinking with newer versions of the library, which is required by the LGPL license.

See lgpl-relicensing.txt for details.

## MIT-style license :

`xchg()` primitive has been rewritten from scratch starting from `atomic_ops 1.2` which has a MIT-style license that is intended to allow use in both free and proprietary software:

[http://www.hpl.hp.com/research/linux/atomic\\_ops/LICENSING.txt](http://www.hpl.hp.com/research/linux/atomic_ops/LICENSING.txt)

[http://www.hpl.hp.com/personal/Hans\\_Boehm/gc/gc\\_source/](http://www.hpl.hp.com/personal/Hans_Boehm/gc/gc_source/)

This MIT-style license (BSD like) apply to:

```
uatomic/gcc.h
uatomic/unknown.h
uatomic/generic.h
uatomic/sparc64.
uatomic/arm.h
uatomic/ppc.h
uatomic/x86.h
uatomic.h
```

MIT/X11 (BSD like) license apply to:

```
compiler.h
arch/s390.h
uatomic/alpha.h
uatomic/mips.h
uatomic/s390.h
system.h
```

## GPLv2

Library test code is distributed under the GPLv2 license. See gpl-2.0.txt for license details. See headers of individual files under tests/ for details.

## GPLv3 (or later)

The following build-related macro is under GPLv3 (or later):

m4/ax\_tls.m4

### Userspace RCU LGPLv2.1+ Relicensing

Mathieu Desnoyers May 13th, 2009

IBM Corporation allowed LGPLv2.1+ licensing of their contribution to the userspace RCU library in a patch submitted on May 8, 2009 from Paul E. McKenney and reviewed by Steven L. Bennett:

<http://lists.casi.polymtl.ca/pipermail/ltt-dev/2009-May/001584.html>

I (Mathieu Desnoyers) re-implemented ACCESS\_ONCE(), likely(), unlikely() and barrier() from scratch without reference to the original code.

commit id : 2dc5fa0f7cfbfb0a64a7a67b39626650e863f16a

Bert Wesarg <bert.wesarg@googlemail.com> approved LGPL relicensing of his patch in an email dated May 13, 2009:

<http://lkml.org/lkml/2009/5/13/16>

xchg() primitives has been rewritten from a MIT-licensed cmpxchg for Intel and powerpc. They are MIT-licensed and therefore usable in LGPL code.

This cmpxchg code was obtained from the atomic\_ops project:

[http://www.hpl.hp.com/research/linux/atomic\\_ops/](http://www.hpl.hp.com/research/linux/atomic_ops/)

I (Mathieu Desnoyers) wrote the remainder of the code.

The license for the library files in this project was therefore changed to LGPLv2.1 on May 13, 2009, as detailed in LICENSE.

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