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***Rocky Enterprise Linux 9.2 Manual Pages on command 'Math::BigInt::FastCalc.3perl'***

***\$ man Math::BigInt::FastCalc.3perl***

Math::BigInt::FastCalc(3perl) Perl Programmers Reference Guide Math::BigInt::FastCalc(3perl)

NAME

Math::BigInt::FastCalc - Math::BigInt::Calc with some XS for more speed

SYNOPSIS

```
# to use it with Math::BigInt
use Math::BigInt lib => 'FastCalc';

# to use it with Math::BigFloat
use Math::BigFloat lib => 'FastCalc';

# to use it with Math::BigRat
use Math::BigRat lib => 'FastCalc';
```

DESCRIPTION

Math::BigInt::FastCalc inherits from Math::BigInt::Calc.

Provides support for big integer calculations. Not intended to be used by other modules.

Other modules which sport the same functions can also be used to support Math::BigInt, like Math::BigInt::GMP or Math::BigInt::Pari.

In order to allow for multiple big integer libraries, Math::BigInt was rewritten to use library modules for core math routines. Any module which follows the same API as this can be used instead by using the following:

```
use Math::BigInt lib => 'libname';
```

'libname' is either the long name ('Math::BigInt::Pari'), or only the short version like 'Pari'. To use this library:

```
use Math::BigInt lib => 'FastCalc';
```

STORAGE

Math::BigInt::FastCalc works exactly like Math::BigInt::Calc. Numbers are stored in decimal form chopped into parts.

## METHODS

The following functions are now implemented in FastCalc.xs:

```
_is_odd    _is_even    _is_one    _is_zero
_is_two    _is_ten
_zero      _one        _two        _ten
_acmp      _len
_inc       _dec
__strip_zeros  _copy
```

## BUGS

Please report any bugs or feature requests to "bug-math-bigint-fastcalc at rt.cpan.org", or through the web interface at <https://rt.cpan.org/Ticket/Create.html?Queue=Math-BigInt-FastCalc> (requires login). We will be notified, and then you'll automatically be notified of progress on your bug as I make changes.

## SUPPORT

You can find documentation for this module with the perldoc command.

```
perldoc Math::BigInt::FastCalc
```

You can also look for information at:

? RT: CPAN's request tracker

```
<https://rt.cpan.org/Public/Dist/Display.html?Name=Math-BigInt-FastCalc>
```

? AnnoCPAN: Annotated CPAN documentation

```
<http://annocpan.org/dist/Math-BigInt-FastCalc>
```

? CPAN Ratings

```
<http://cpanratings.perl.org/dist/Math-BigInt-FastCalc>
```

? Search CPAN

```
<http://search.cpan.org/dist/Math-BigInt-FastCalc/>
```

? CPAN Testers Matrix

```
<http://matrix.cpan testers.org/?dist=Math-BigInt-FastCalc>
```

? The Bignum mailing list

? Post to mailing list

```
"bignum at lists.scsys.co.uk"
```

? [View mailing list](#)

<<http://lists.scsys.co.uk/pipermail/bignum/>>

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<<http://lists.scsys.co.uk/cgi-bin/mailman/listinfo/bignum>>

## LICENSE

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

## AUTHORS

Original math code by Mark Biggar, rewritten by Tels <<http://bloodgate.com/>> in late 2000.

Separated from BigInt and shaped API with the help of John Peacock.

Fixed, sped-up and enhanced by Tels <http://bloodgate.com> 2001-2003. Further streamlining (api\_version 1 etc.) by Tels 2004-2007.

Bug-fixing by Peter John Acklam <[pjacklam@online.no](mailto:pjacklam@online.no)> 2010-2016.

## SEE ALSO

Math::BigInt::Lib for a description of the API.

Alternative libraries Math::BigInt::Calc, Math::BigInt::GMP, and Math::BigInt::Pari.

Some of the modules that use these libraries Math::BigInt, Math::BigFloat, and Math::BigRat.

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