

NAME

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

SYNOPSIS

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*.

DESCRIPTION

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';
```

Note that from *Math::BigInt* v1.76 onwards, FastCalc will be loaded automatically, if possible.

STORAGE

FastCalc works exactly like Calc, in stores the numbers 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/>

* Subscribe/Unsubscribe

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

LICENSE

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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> 2010-2015.

SEE ALSO

`Math::BigInt`, `Math::BigFloat`, and the other backends `Math::BigInt::Calc`, `Math::BigInt::GMP`, and `Math::BigInt::Pari`.