

## 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     _num  
_inc     _dec  
__strip_zeros  _copy
```

## 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.

## SEE ALSO

*Math::BigInt*, *Math::BigFloat*, *Math::BigInt::GMP*, *Math::BigInt::FastCalc* and *Math::BigInt::Pari*.