

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
```

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> 2010-2011.

SEE ALSO

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