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. Seperated 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*.