**Getopt::Long**

[Getopt::Long](http://perldoc.perl.org/Getopt/Long.html) can be thought of as a successor to Getopt::Std. While it provides far too many options to cover here, and since the perldoc is very well written, I’ll only provide a simple example:

#!/usr/bin/perl

use strict;

use warnings;

use Getopt::Long;

use Data::Dumper;

my %opts;

GetOptions(\%opts,

'foobar|f=s',

'barfoo|b=i',

);

print Dumper %opts;

This results in the following:

$ getopt-long.pl --foobar=foo --barfoo=bar

Value "bar" invalid for option barfoo (number expected)

$VAR1 = 'foobar';

$VAR2 = 'foo';

$ getopt-long.pl --foobar=foo --barfoo=5

$VAR1 = 'barfoo';

$VAR2 = 5;

$VAR3 = 'foobar';

$VAR4 = 'foo';

$ getopt-long.pl -f foo -b 5

$VAR1 = 'barfoo';

$VAR2 = 5;

$VAR3 = 'foobar';

$VAR4 = 'foo';

**Pros**

* This module is also a standard Perl module
* Promotes POD documentation for --help text (see perldoc)
* Supports both long and short switches
* Provides support for optional and required options as well as variable type

**Cons**

* None, in my opinion.