NAME

Dumpvalue - provides screen dump of Perl data.

SYNOPSIS

use Dumpvalue;
my $dumper = new Dumpvalue;
$dumper->set(globPrint => 1);
$dumper->dumpValue("::*");
$dumper->dumpvars('main');
my $dump = $dumper->stringify($some_value);

DESCRIPTION

Creation

A new dumper is created by a call

$d = new Dumpvalue(option1 => value1, option2 => value2)

Recognized options:

arrayDepth, hashDepth
  Print only first N elements of arrays and hashes. If false, prints all the elements.
compactDump, veryCompact
  Change style of array and hash dump. If true, short array may be printed on one line.
globPrint
  Whether to print contents of globs.
dumpDBFiles
  Dump arrays holding contents of debugged files.
dumpPackages
  Dump symbol tables of packages.
dumpReused
  Dump contents of "reused" addresses.
tick, quoteHighBit, printUndef
  Change style of string dump. Default value of tick is auto, one can enable either
double-quotish dump, or single-quotish by setting it to " or '. By default, characters with high
bit set are printed as is. If quoteHighBit is set, they will be quoted.
usageOnly
  rudimentally per-package memory usage dump. If set, dumpvars calculates total size of
strings in variables in the package.
unctrl
  Changes the style of printout of strings. Possible values are unctrl and quote.
subdump
  Whether to try to find the subroutine name given the reference.
bareStringify
  Whether to write the non-overloaded form of the stringify-overloaded objects.
quoteHighBit
   Whether to print chars with high bit set in binary or "as is".

stopDbSignal
   Whether to abort printing if debugger signal flag is raised.

Later in the life of the object the methods may be queries with get() method and set() method (which accept multiple arguments).

Methods

dumpValue
   $dumper->dumpValue($value);
   $dumper->dumpValue([$value1, $value2]);

   Prints a dump to the currently selected filehandle.

dumpValues
   $dumper->dumpValues($value1, $value2);

   Same as $dumper->dumpValue([$value1, $value2]); >.

stringify
   my $dump = $dumper->stringify($value [, $noticks] );

   Returns the dump of a single scalar without printing. If the second argument is true, the return value does not contain enclosing ticks. Does not handle data structures.

dumpvars
   $dumper->dumpvars('my_package');
   $dumper->dumpvars('my_package', 'foo', '-bar$', '!......');

   The optional arguments are considered as literal strings unless they start with ~ or !, in which case they are interpreted as regular expressions (possibly negated).
   The second example prints entries with names foo, and also entries with names which ends on bar, or are shorter than 5 chars.

set_quote
   $d->set_quote('"');

   Sets tick and unctrl options to suitable values for printout with the given quote char. Possible values are auto, ' and ".

set_unctrl
   $d->set_unctrl('unctrl');

   Sets unctrl option with checking for an invalid argument. Possible values are unctrl and quote.

compactDump
   $d->compactDump(1);

   Sets compactDump option. If the value is 1, sets to a reasonable big number.

veryCompact
   $d->veryCompact(1);
Sets compactDump and veryCompact options simultaneously.

set

$d->set(option1 => value1, option2 => value2);

get

@values = $d->get('option1', 'option2');