
NAME

is_uint - Return true if auguement is a unsigned integer.

is_int - Return true if auguement is a signed integer.

is_ureal - Return true if auguement is a unsigned real.

is_real - Return true if auguement is a signed real.

SYNOPSIS

is_uint *NUM*

is_int *NUM*

is_ureal *NUM*

is_real *NUM*

DESCRIPTION

is_uint returns success if *NUM* is an unsigned integer, e.g. 99

is_int returns success if *NUM* is a signed integer, e.g., 99, +99 & -99

is_ureal returns success if *NUM* is an unsigned real, e.g., 99 & 99.99

is_real returns success if *NUM* is a signed real, e.g., 99, +99, -99, 99.99, +99.99 & -99.99

ARGUMENTS & OPTIONS

NUM

is an variable or value that may have a numerical value. (required)

SECURITY

NOTE: These functions do not require the user to run as root.

NOTE: These functions do not contain security info.

AVAILABILITY

These fuctions are available in the Bash Olaus Library.

EXAMPLES

Included a couple of examples.

```
if is_uint 299792458; then echo "299792458 is an unsigned integer." else echo "299792458 is not an unsigned integer." fi
```

```
NUM=0.66274 if is_ureal $NUM; then echo "$NUM is an unsigned real." else echo "$NUM is not an unsigned real." fi
```

NOTES & CAVEATS

No notes or caveats.

DIAGNOSTICS

These functions return an exit code of 0.

CONFIGURATION AND ENVIRONMENT

No environmental variables are harmed by these functions.

DEPENDENCIES

There are

INCOMPATIBILITIES

There are no known incompatibilities.

FILES

N/A

STANDARDS

N/A

VERSION

Version 1.0.0

BUGS AND LIMITATIONS

There are no known bugs in this module.

Please report problems to <Maintainer name(s)> (<contact address>)

Patches are welcome.

AUTHOR

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HISTORY

\$Revision\$

\$Id\$

2025-02-23 - Function created Mark

RESOURCES

Barrett, Daniel J., *et al.* 2005

Daniel J. Barrett, Richard E. Silverman, and Robert G. Byrnes. 2005. *SSH, the Secure Shell: The Definitive Guide*, 2nd Edition. (Sebastopol: O'Reilly Media)

Robbins, Arnold and Nelson H. F. Beebe 2005

Arnold Robbins and Nelson H. F. Beebe. 2005. *Classic Shell Scripting*. (Sebastopol: O'Reilly Media)

SEE ALSO

ols_begin

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