



Linux Ubuntu 22.4.5 Manual Pages on command 'Digest::BubbleBabble.3pm'

\$ man Digest::BubbleBabble.3pm

Digest::BubbleBabble(3pm) User Contributed Perl Documentation Digest::BubbleBabble(3pm)

NAME

Digest::BubbleBabble - Create bubble-babble fingerprints

SYNOPSIS

```
# Create a fingerprint of a simple string.
use Digest::BubbleBabble qw( bubblebabble );
my $fingerprint = bubblebabble( Digest => "Pineapple" );

# Create a fingerprint of a SHA-1 hash.
use Digest::SHA qw( sha1 );
$fingerprint = bubblebabble( Digest => sha1("hello" );
```

DESCRIPTION

Digest::BubbleBabble takes a message digest (often generated by either of the MD5 or SHA-1 message digest algorithms) and creates a fingerprint of that digest in "bubble babble" format. Bubble babble is a method of representing a message digest as a string of "real" words, to make the fingerprint easier to remember. The "words" are not necessarily real words, but they look more like words than a string of hex characters.

Bubble babble fingerprinting is used by the SSH2 suite (and, consequently, by Net::SSH::Perl, the Perl SSH implementation) to display easy-to-remember key fingerprints. The key (a DSA or RSA key) is converted into a textual form, digested using Digest::SHA, and run through bubblebabble to create the key fingerprint.

USAGE

Digest::BubbleBabble conditionally exports one function called bubblebabble; to import the function you must choose to import it, like this:

```
use Digest::BubbleBabble qw( bubblebabble );
```

```
bubblebabble( Digest => $digest )
```

Currently takes only one pair of arguments, the key of which must be Digest, the value of which is the actual message digest \$digest. You should generate this message digest yourself using either Digest::MD5 or Digest::SHA.

Returns the bubble babble form of the digest.

SEE ALSO

The BubbleBabble specification is available at:

<http://web.mit.edu/kenta/www/one/bubblebabble/spec/jrtrjwzi/draft-huima-01.txt>

LICENSE

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AUTHOR & COPYRIGHTS

Benjamin Trott, cpan@stupidfool.org

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