

ripemd egg

RIPE Message Digest
Extension for Chicken Scheme
Version 1.0

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1 About this egg

1.1 Version history

1.0 Initial release

1.2 Requirements

This egg requires the following extensions:

`message-digest`

1.3 Usage

Load this egg like so:

`(require-extension ripemd)`

2 Documentation

RIPEMD-160 software written by Antoon Bosselaers, available at [AB-9601](#).

2.1 Digest Procedures

The acceptable input objects for the digest procedures are strings, input-ports, byte-vectors, or anything that can be converted to a byte-vector. See [message-digest](#) for more information.

`ripemd128:digest` [procedure]

(`ripemd128:digest` OBJECT)

Returns the 128-bit RIPE message digest of OBJECT as a hex string.

`ripemd160:digest` [procedure]

(`ripemd160:digest` OBJECT)

Returns the 160-bit RIPE message digest of OBJECT as a hex string.

`ripemd128:binary-digest` [procedure]

(`ripemd128:binary-digest` OBJECT)

Returns the 128-bit RIPE message digest of OBJECT as a string.

`ripemd160:binary-digest` [procedure]

(`ripemd160:binary-digest` OBJECT)

Returns the 160-bit RIPE message digest of OBJECT as a string.

`ripemd128:primitive` [procedure]

(`ripemd128:primitive`)

Returns the 128-bit RIPE message digest primitive object.

`ripemd160:primitive` [procedure]

(`ripemd160:primitive`)

Returns the 160-bit RIPE message digest primitive object.

3 License

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