sha2 egg

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Table of Contents

1 About this egg

1.1 Version history

`1.4`   Made C procedures static

`1.3`   Win32 support (hack)

`1.2`   Added dependency on message-digest egg

`1.1`   Removed dependency on format egg

`1.0`   Initial release

1.2 Usage

Load this egg like so:

```
(require-extension sha2)
```

2 Documentation

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.

`sha256:digest`   [procedure]

       `(sha256:digest OBJECT)`

    Returns the 256-bit checksum of `OBJECT` as a hex string.

`sha256:binary-digest`   [procedure]

       `(sha256:binary-digest OBJECT)`

    Returns the 256-bit checksum of `OBJECT` as a string.

`sha384:digest`   [procedure]

       `(sha384:digest OBJECT)`

    Returns the 384-bit checksum of `OBJECT` as a hex string.

`sha384:binary-digest`   [procedure]

       `(sha384:binary-digest OBJECT)`

    Returns the 512-bit checksum of `OBJECT` as a string.

`sha512:digest`   [procedure]

       `(sha512:digest OBJECT)`

    Returns the 256-bit checksum of `OBJECT` as a hex string.

`sha512:binary-digest`   [procedure]

       `(sha512:binary-digest OBJECT)`

    Returns the 512-bit checksum of `OBJECT` as a string.

`sha256:primitive`   [procedure]

       `(sha256:primitive)`

    Returns the 256-bit checksum primitive object.

`sha384:primitive`   [procedure]

       `(sha384:primitive)`

    Returns the 384-bit checksum primitive object.

`sha512:primitive`   [procedure]

       `(sha512:primitive)`

    Returns the 512-bit checksum primitive object.

3 License

Index