magic egg

Identifies file types
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 Usage

Load this egg like so:

```
(require-extension magic)
```

2 Documentation

These functions operate on the magic database file which is described in magic(5). For more information, consult the libmagic(3) manual page.

2.1 Procedures

```
(magic-open FLAGS) -> MAGIC-T
(magic-load MAGIC-T FILENAME)
(magic-error MAGIC-T) -> STRING
(magic-file MAGIC-T FILENAME) -> STRING
(magic-close MAGIC-T)
(magic-setflags MAGIC-T FLAGS)
(magic-errno MAGIC-T) -> INT
```

2.2 Flags

```
MAGIC_NONE
MAGIC_DEBUG
MAGIC_SYMLINK
MAGIC_COMPRESS
MAGIC_DEVICES
MAGIC_MIME
MAGIC_CONTINUE
MAGIC_CHECK
MAGIC_PRESERVE_ATIME
MAGIC_RAW
MAGIC_ERROR
```

3 Examples

```
(display "load extension") (newline)
(require-extension magic)

(display "create cookie") (newline)
(define cookie (magic-open (+ MAGIC_MIME MAGIC_SYMLINK)))

(display "open the file") (newline)
(magic-load cookie #f)

(display "test file") (newline)
(display (magic-file cookie "/bin/ls")) (newline)

(display "close") (newline)
(magic-close cookie)
```

4 License

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