

uuid-lib egg

OSF DCE 1.1 UUID
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:

`syntax-case`

1.3 Usage

Load this egg like so:

```
(require-extension uuid-lib)
```

2 Documentation

Wrapper for `uuid/uuid.h` procedures on MacOS X, and Linux.

This is a module. You must `(import uuid-lib)` to access these procedures.

2.1 Predicates

`uuid?` [procedure]

`(uuid? UUID)`

Is `UUID` a `uuid`?

`uuid-null?` [procedure]

`(uuid-null? UUID)`

Is `UUID` the "null" `uuid`?

`uuid=?` [procedure]

`(uuid=? UUID1 UUID2)`

Are `UUID1` and `UUID2` equal?

`uuid<>?` [procedure]

`(uuid<>? UUID1 UUID2)`

Are `UUID1` and `UUID2` not equal?

`uuid<?` [procedure]

`(uuid<? UUID1 UUID2)`

Does `UUID1` order below `UUID2`?

`uuid>?` [procedure]

`(uuid>? UUID1 UUID2)`

Does `UUID1` order above `UUID2`?

`uuid<=?` [procedure]

`(uuid<=? UUID1 UUID2)`

Does `UUID1` order below or the same as `UUID2`?

`uuid>=?` [procedure]

`(uuid>=? UUID1 UUID2)`

Does `UUID1` order above or the same as `UUID2`?

2.2 Operations

`uuid-clear!` [procedure]

`(uuid-clear! UUID)`

Returns the `UUID` set to the null `uuid`.

`uuid-copy` [procedure]

`(uuid-copy UUID)`

Returns a copy of the `UUID`.

`uuid-generate` [procedure]

`(uuid-generate [#:method #f])`

Returns a new uuid.

Method is `#f`, `'random`, or `'time`.

`uuid-parse` [procedure]

`(uuid-parse UUID-TEXT)`

Returns a new uuid from the UUID external string representation `UUID-TEXT`.

`uuid-unparse` [procedure]

`(uuid-unparse UUID [#:case #f])`

Returns the external string representation of `UUID`.

Case is `#f`, `'upper`, or `'lower`.

2.3 Errors

Argument errors are signalled using `error`.

When a non-uuid is given as an argument the result is `#f`.

3 License

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