

xxexpr egg

Manipulation of eXtended Xml EXPReSSions
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 xxexpr)
```

2 Documentation

This extension provides functions for manipulating XML expressions that follow this grammar:

```

XXEXPR      ::= node
node        ::= (child . node) | ()
child       ::= edge | atom | special
edge        ::= (tag . node) | (tag ((attr atom) ...) . node)
              | (tag (@ (attr atom) ...) . node)
atom        ::= <non-list>

```

Note in particular that `write-xxexpr` and friends take a *node* as their argument, not an *edge*.

`xml-empty-tags-mode` [parameter]
 (xml-empty-tags-mode [BOOL])

Controls whether empty tags should be displayed as `<.../>` or as separate open- and close-tags (default is `#t`).

`xml-double-quotes-mode` [parameter]
 (xml-double-quotes-mode [BOOL])

Controls whether attribute values should be enclosed in double or single quotes (default is `#f`).

`xxexpr->string` [procedure]
 (xxexpr->string EXPR)

Transforms an expression into a string.

`xxexpr->string/notags` [procedure]
 (xxexpr->string/notags EXPR)

Transforms an expression into a string but omit tags from output.

`write-xxexpr` [procedure]
 (write-xxexpr EXPR [PORT])

Writes an XML representation of `EXPR` to `PORT` which defaults to the value of `(current-output-port)`.

`pretty-print-xxexpr` [procedure]
 (pretty-print-xxexpr EXPR [PORT])

Writes an XML representation of `EXPR` to `PORT` with proper indentation.

`write-xxexpr/notags` [procedure]
 (write-xxexpr/notags EXPR [PORT])

Writes an expression to the given port and omits tags.

3 License

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