`CGore-Utilities`:
A Library for Ansi Common Lisp

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Chapter 1

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The `String` Package

The `String` package contains useful tools for working with strings.

9.1 Functions

9.1.1 The `Character-Range` Function

The `character-range` function returns a list of characters from the *start* to the *end* character. Note that this is returning a list, not a string.

Syntax

`(character-range` *start end*`)` $\Longrightarrow$ `'(`*start ... end*`)`

Arguments and Values

Start The character to start the range with, inclusive.

End The character to end the range with, inclusive.

Examples

```
(character-range #\a #\e) ⟹ '(#\a #\b #\c #\d #\e)
(character-range #\e #\a) ⟹ '(#\a #\b #\c #\d #\e)
```

9.1.2 The `Character-Ranges` Function

The `character-ranges` function is a convenience wrapper for `character-range` function, concatenating several calls and making the resultant list contain only unique instances.

Syntax

`(character-ranges` *start*$_1$ *end*$_1$ ... $\Longrightarrow$ `'(`*character*$_1$ ...`)`

Arguments and Values

Start$_n$ The character to start the nth range with, inclusive.

End$_n$ The character to end the nth range with, inclusive.

Examples

```
(character-ranges #\a #\c #\x #\z) ⟹ '(#\a #\b #\c #\x #\y #\z)
(character-ranges #\a #\c #\a #\c) ⟹ '(#\a #\b #\c)
```

9.1.3 The `Escape-Tildes` Function

9.1.4 The `Replace-Char` Function

9.1.5 The `StrCat` Function

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