

Jinx Core Library

Using the Core Library

The Jinx core library contains a number of functions that are generally useful, such as outputting debug text and manipulating collections. To use the core library in a Jinx script, you must add the following text to the beginning of your script:

```
import core

-- other script code follows...
```

Core Functions

function write {params}

The write function sends text to the registered debug out function. It will attempt to convert any parameter type to a string, and will iterate over the values of a collection, sending each value to the debug out function in turn.

function write line {params}

Operates similarly to the write function, but sends a newline character when finished.

function return {param} (get) size

Returns the count or size of param as an integer for supported types, otherwise returns null.

- Collection – Returns the number of elements.
- String – Returns the number of characters.
- Buffer – Returns the number of bytes in the buffer.

function return {params} (is) empty

Returns true or false for supported types, otherwise returns null.

- Collection – Returns true if empty, false if not.
- String – Returns true if empty, false if not.
- Buffer – Returns true if empty, false if not.

function return {params} key

Returns collection element's key for iterator param, and returns null for all other types or if element is not in collection.

function return {params} value

Returns collection element's value for iterator `param`, and returns `null` for all other types or if element is not in collection.

Core Properties

public readonly newline is "\n"

The public property `newline` is primarily intended for use as a parameter for the `write` or `write line` functions.