

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 {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 Unicode characters (not bytes).
- Buffer – Returns the number of bytes in the buffer.

function {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 **(get) key**

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

function (get) value

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

function (get) call stack

Returns collection of strings indicating the current call stack. The first entry is always "root".

Core Properties

public readonly newline is "\n"

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