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Class: Object::Inputs
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Class: Object::Controller
Class: Object::Controller
Class: Object::Array
Class: Object::Keyboard
Class: Object::Mouse

#### Global Object Space

- #<Class:BasicObject>::#<Class:Object>
- #<Class:Enumerator>::#<Class:Enumerator::Lazy>
- #<Class:Exception>::#<Class:File::FileError>
- #<Class:Exception>::#<Class:NoMemoryError>
- #<Class:Exception>::#<Class:ScriptError>
- #<Class:Exception>::#<Class:StandardError>
- #<Class:Exception>::#<Class:SystemStackError>
- #<Class:File::FileError>::#<Class:File::NoFileError>
- #<Class:File::FileError>::#<Class:File::PermissionError>
- #<Class:File::FileError>::#<Class:File::UnableToStat>
- #<Class:IO>::#<Class:File>
- #<Class:IOError>::#<Class:EOFError>
- #<Class:IndexError>::#<Class:KeyError>
- #<Class:IndexError>::#<Class:StopIteration>
- #<Class:Integer>::#<Class:Fixnum>
- #<Class:Module>::#<Class:#<Class:Easing>>
- #<Class:Module>::#<Class:#<Class:Enumerable>>
- #<Class:Module>::#<Class:#<Class:GC>>
- #<Class:Module>::#<Class:Kernel>>
- #<Class:Module>::#<Class:Math>>
- #<Class:Module>::#<Class:#<Class:ObjectSpace>>
- #<Class:Module>::#<Class:Class>
- #<Class:NameError>::#<Class:NoMethodError>
- #<Class:Numeric>::#<Class:Float>
- #<Class:Numeric>::#<Class:Integer>
- #<Class:Object>::#<Class:#<Object:Ox11d51fe20>>>
- #<Class:Object>::#<Class:Array>
- #<Class:Object>::#<Class:Controller>
- #<Class:Object>::#<Class:ControllerKeys>
- #<Class:Object>::#<Class:DragonRuby>
- #<Class:Object>::#<Class:DragonRubyArgs>

```
#<Class:Object>::#<Class:DragonRubyConsole>
#<Class:Object>::#<Class:DragonRubyDocumenter>
#<Class:Object>::#<Class:DragonRubyRoot>
#<Class:Object>::#<Class:DragonRubyView>
```

• #<Class:Object>::#<Class:Enumerator::Generator>

• #<Class:Object>::#<Class:Enumerator::Yielder>

• #<Class:Object>::#<Class:Enumerator>

• #<Class:Object>::#<Class:Exception>

• #<Class:Object>::#<Class:FFI::File>

• #<Class:Object>::#<Class:FFI::MRB>

• #<Class:Object>::#<Class:FFI::Misc>

• #<Class:Object>::#<Class:FalseClass>

• #<Class:Object>::#<Class:Fiber>

• #<Class:Object>::#<Class:FileTest>

• #<Class:Object>::#<Class:Grid>

• #<Class:Object>::#<Class:Hash>

#<Class:Object>::#<Class:IO>

• #<Class:Object>::#<Class:Inputs>

• #<Class:Object>::#<Class:Keyboard>

• #<Class:Object>::#<Class:KeyboardKeys>

• #<Class:Object>::#<Class:Log>

• #<Class:Object>::#<Class:Module>

• #<Class:Object>::#<Class:Mouse>

• #<Class:Object>::#<Class:NilClass>

• #<Class:Object>::#<Class:Numeric>

• #<Class:Object>::#<Class:ObjectMetadata>

• #<Class:Object>::#<Class:OpenEntity>

• #<Class:Object>::#<Class:Outputs>

• #<Class:Object>::#<Class:Primitive>

• #<Class:Object>::#<Class:Proc>

• #<Class:Object>::#<Class:Random>

• #<Class:Object>::#<Class:Range>

• #<Class:Object>::#<Class:Recording>

• #<Class:Object>::#<Class:Sound>

• #<Class:Object>::#<Class:String>

• #<Class:Object>::#<Class:Struct>

• #<Class:Object>::#<Class:Symbol>

• #<Class:Object>::#<Class:Time>

• #<Class:Object>::#<Class:TrueClass>

• #<Class:OpenEntity>::#<Class:#<OpenEntity:0x11d524750>>>

• #<Class:OpenEntity>::#<Class:#<OpenEntity:0x12b0089e0>>>

• #<Class:OpenEntity>::#<Class:#<OpenEntity:0x133ea5240>>>

• #<Class:OpenEntity>::#<Class:#<OpenEntity:0x133ea7c40>>>

• #<Class:OpenEntity>::#<Class:#<OpenEntity:0x136f4b9f0>>>

• #<Class:Primitive>::#<Class:Border>

• #<Class:Primitive>::#<Class:Label>

```
• #<Class:Primitive>::#<Class:Line>
```

- #<Class:Primitive>::#<Class:Solid>
- #<Class:Primitive>::#<Class:Sprite>
- #<Class:RangeError>::#<Class:FloatDomainError>
- #<Class:RuntimeError>::#<Class:FrozenError>
- #<Class:ScriptError>::#<Class:LocalJumpError>
- #<Class:ScriptError>::#<Class:NotImplementedError>
- #<Class:ScriptError>::#<Class:SyntaxError>
- #<Class:StandardError>::#<Class:ArgumentError>
- #<Class:StandardError>::#<Class:FiberError>
- #<Class:StandardError>::#<Class:IOError>
- #<Class:StandardError>::#<Class:IndexError>
- #<Class:StandardError>::#<Class:Math::DomainError>
- #<Class:StandardError>::#<Class:NameError>
- #<Class:StandardError>::#<Class:RangeError>
- #<Class:StandardError>::#<Class:RegexpError>
- #<Class:StandardError>::#<Class:RuntimeError>
- #<Class:StandardError>::#<Class:TypeError>
- BasicObject::Object
- BasicObject
- Class::#<Class:BasicObject>
- Enumerator::Enumerator::Lazy
- Exception::File::FileError
- Exception::NoMemoryError
- Exception::ScriptError
- Exception::StandardError
- Exception::SystemStackError
- File::FileError::File::NoFileError
- File::FileError::File::PermissionError
- File::FileError::File::UnableToStat
- IO::File
- IOError::EOFError
- IndexError::KeyError
- IndexError::StopIteration
- Integer::Fixnum
- Module::#<Class:Easing>
- Module::#<Class:Enumerable>
- Module::#<Class:GC>
- Module::#<Class:Kernel>
- Module::#<Class:Math>
- Module::#<Class:ObjectSpace>
- Module::Class
- NameError::NoMethodError
- Numeric::Float
- Numeric::Integer
- Object::#<Class:#<Object:0x11d51fe20>>

- Object::Array
- Object::ControllerKeys
- Object::Controller
- Object::DragonRubyArgs
- Object::DragonRubyConsole
- Object::DragonRubyDocumenter
- Object::DragonRubyRoot
- Object::DragonRubyView
- Object::DragonRuby
- Object::Enumerator::Generator
- Object::Enumerator::Yielder
- Object::Enumerator
- Object::Exception
- Object::FFI::File
- Object::FFI::MRB
- Object::FFI::Misc
- Object::FalseClass
- Object::Fiber
- Object::FileTest
- Object::Grid
- Object::Hash
- Object::IO
- Object::Inputs
- Object::KeyboardKeys
- Object::Keyboard
- Object::Log
- Object::Module
- Object::Mouse
- Object::NilClass
- Object::Numeric
- Object::ObjectMetadata
- Object::OpenEntity
- Object::Outputs
- Object::Primitive
- Object::Proc
- Object::Random
- Object::Range
- Object::Recording
- Object::Sound
- Object::String
- Object::Struct
- Object::Symbol
- Object::Time
- Object::TrueClass
- OpenEntity::#<Class:#<OpenEntity:0x11d524750>>
- OpenEntity::#<Class:#<OpenEntity:0x12b0089e0>>

- OpenEntity::#<Class:#<OpenEntity:0x133ea5240>>
- OpenEntity::#<Class:#<OpenEntity:0x133ea7c40>>
- OpenEntity::#<Class:#<OpenEntity:0x136f4b9f0>>
- Primitive::Border
- Primitive::Label
- Primitive::Line
- Primitive::Solid
- Primitive::Sprite
- RangeError::FloatDomainError
- RuntimeError::FrozenError
- ScriptError::LocalJumpError
- ScriptError::NotImplementedError
- ScriptError::SyntaxError
- StandardError::ArgumentError
- StandardError::FiberError
- StandardError::IOError
- StandardError::IndexError
- StandardError::Math::DomainError
- StandardError::NameError
- StandardError::RangeError
- StandardError::RegexpError
- StandardError::RuntimeError
- StandardError::TypeError

# Short (excluding inherited methods)

#### Class: Object::DragonRubyArgs

args

- clear\_render\_targets
- destructure
- dragon
- dragon=
- game
- game=
- grid
- grid=
- initialize
- inputs
- inputs=
- outputs
- outputs=
- passes
- passes=

- recording
- recording=
- render\_target
- serialize
- state

# Class: Object::DragonRuby

args.dragon

- args
- args=
- argv
- argv=
- border\_to\_ffi
- calc\_wrapper
- calcstringbox
- check\_framerate
- clear\_draw\_passes
- clear\_draw\_primitives
- clear\_inputs
- cli\_arguments
- console
- current\_framerate
- current\_framerate\_raw
- dequeue\_sounds
- disable\_console
- enable\_console
- export!
- ffi\_file
- ffi\_misc
- ffi\_mrb
- flattened\_solids
- help
- init\_args\_if\_needed
- initialize
- input\_history
- label\_to\_ffi
- line\_to\_ffi
- load\_state
- log
- next\_keyboard\_inputs\_after\_tick

- next\_keyboard\_inputs\_before\_tick
- passes
- pause!
- paused?
- pin\_root\_values
- primitive\_to\_ffi
- primitives
- queue\_key\_up
- quit!
- quit\_requested?
- record\_input\_history
- recording
- render\_height
- render\_replay\_mouse
- render\_width
- request\_quit
- require
- reset
- root
- root=
- save\_state
- set\_rng
- show\_console
- solid\_to\_ffi
- sprite\_to\_ffi
- sprites
- stage\_replay\_values
- start!
- start\_recording
- start\_replay
- stop\_recording
- stop\_replay
- target
- text\_font
- tick\_console
- tick\_core
- tick\_speed\_count
- tick\_speed\_count=
- tick\_speed\_sum
- tick\_speed\_sum=
- unpause!

#### Class: Object::DragonRubyRoot

args. dragon. root

- files\_reloaded
- files\_reloaded=
- framerate
- framerate=
- framerate\_at
- framerate\_at=
- hash
- hash=
- initialize
- keyboard\_focus
- keyboard\_focus=
- mouse\_focus
- mouse\_focus=
- paused
- paused=
- reloaded files
- reloaded\_files=
- take\_screenshot
- take\_screenshot=
- tick\_count
- tick\_count=
- time\_per\_tick
- time\_per\_tick=

Top

Class: Object::OpenEntity

args.game.new\_entity Methods of an entity object

- ==
- \_\_contains\_array\_indexers\_\_
- \_\_contains\_array\_indexers\_\_=
- \_\_get\_hash\_property\_\_
- \_\_meta\_\_
- \_\_reserved\_keys\_\_
- \_\_set\_hash\_property\_\_
- \_\_touched\_\_
- \_\_touched\_\_=
- attributes
- clear!

- created\_at=
- created\_at\_elapsed
- entity\_id
- entity\_type=
- global\_created\_at=
- global\_created\_at\_elapsed
- hash
- initialize
- inspect
- meta
- method\_missing
- new?
- new\_entity
- old?
- original\_eq\_eq
- set!
- to\_s
- with\_meta

 ${\bf Class:\ Object::} {\bf FFI::} {\bf MRB}$ 

\$ffi

- eval
- parse
- reload

Top

 ${\bf Class:\ Object::} {\bf FFI::} {\bf File}$ 

 $FFI{::}File$ 

- loadfile
- mtime
- storefile

Top

#### Class: Object::OpenEntity

args.game

# • \_\_contains\_array\_indexers\_\_ • \_\_contains\_array\_indexers\_\_= • \_\_get\_hash\_property\_\_ • \_\_meta\_\_ • \_\_reserved\_keys\_\_ • \_\_set\_hash\_property\_\_ • \_\_touched\_\_ • \_\_touched\_\_= • attributes • clear! • created\_at\_elapsed • documenter\_success • documenter\_success= • entity\_id • global\_created\_at\_elapsed • hash • initialize • inspect • meta • method\_missing • new? • new\_entity • old? • original\_eq\_eq • set!

Top

#### Class: Object::Module

tick\_counttick\_count=

to\_swith\_meta

GC

- ===
- alias\_method
- ancestors
- append\_features

- attr
- attr\_accessor
- attr\_reader
- attr\_writer
- class\_eval
- class\_exec
- class\_variable\_defined?
- class\_variable\_get
- class\_variable\_set
- class\_variables
- const\_defined?
- const\_get
- const\_missing
- const set
- constants
- define method
- disable
- dup
- enable
- extend\_object
- extended
- generational\_mode
- generational\_mode=
- include
- include?
- included
- included\_modules
- initialize
- inspect
- instance\_methods
- interval\_ratio
- interval\_ratio=
- method\_defined?
- method\_removed
- module\_eval
- module\_exec
- module\_function
- name
- prepend
- prepend\_features
- prepended
- private
- protected
- public
- remove\_class\_variable
- remove\_const

- remove\_method
- singleton\_class?
- start
- step\_ratio
- step\_ratio=
- to\_s
- undef\_method

#### Class: Object::Grid

args.grid

- \_\_print\_origin\_help
- bottom
- bottom=
- center\_x
- center\_x=
- center\_y
- center\_y=
- h
- h\_half
- initialize
- left
- left=
- origin\_bottom\_left!
- origin\_center!
- origin\_x
- origin\_x=
- origin\_y
- origin\_y=
- rect
- rect=
- right
- right=
- top
- top=
- transform\_angle
- transform\_rect
- transform\_x
- transform\_y
- 7
- w\_half

# Class: Object::IO

IO.new(IO.sysopen("/dev/tty", "w"), "w")

- <<
- \_check\_readable
- \_read\_buf
- close
- close\_on\_exec=
- close\_on\_exec?
- close\_write
- closed?
- each
- each\_byte
- each\_char
- each\_line
- eof
- eof?
- fileno
- flush
- getc
- gets
- hash
- initialize
- initialize\_copy
- isatty
- pid
- pos
- pos=
- print
- printf
- puts
- readreadchar
- readline
- readlines
- rewind
- seek
- sync
- sync=
- sysread
- sysseek

- syswrite
- tell
- to\_i
- tty?
- ungetc
- write

# Class: IO::File

#### File.open

- flock
- initialize
- mtime
- path
- path=

# Top

# Class: Object::NilClass

# \$ layout

- &
- 1
- \_\_check\_thrash\_\_!
- background\_color
- inspect
- method\_missing
- nil?
- to\_a
- to\_f
- to\_h
- to\_i
- to\_s
- |

# Top

# Class: Object::Outputs

#### args.outputs

- all\_borders
- all\_labels
- all\_lines
- all\_primitives
- all\_reserved
- all\_solids
- all\_sounds
- all\_sprites
- borders
- borders=
- clear
- clear\_non\_static
- height
- height=
- initialize
- labels
- labels=
- lines
- lines=
- primitives
- primitives=
- reserved
- reserved=
- serialize
- solids
- solids=
- sounds
- sounds=
- sprites
- sprites=
- static\_borders
- static\_borders=
- static\_labels
- static\_labels=
- static\_lines
- static\_lines=
- static\_primitives
- static\_primitives=
- static\_reserved
- static\_reserved=
- static\_solids
- static\_solids=

- static\_sprites
- static\_sprites=
- target
- target=
- tick
- width
- width=

# Class: Object::Array

#### args.passes

- &
- \*
- •
- -
- <<
- <=>
- ==
- []
- []=
- \_\_ary\_cmp
- \_\_ary\_eq
- \_\_ary\_index
- \_\_sort\_sub\_\_
- \_\_svalue
- \_inspect
- a
- a=
- angle
- angle=
- angle\_given\_point
- any\_intersects\_rect?
- $\bullet$  append
- assoc
- at
- bottom
- bsearch
- bsearch\_index
- center\_inside\_rect
- clear
- collect!

- combination
- compact
- compact!
- concat
- delete
- delete\_at
- delete\_if
- dig
- draw\_primitive\_marker?
- each
- each\_index
- empty?
- eq1?
- fetch
- fill
- first
- flatten
- flatten!
- flatten\_tuples
- h
- h\_half
- has\_nested\_arrays?
- height
- height\_half
- index
- initialize
- initialize\_copy
- insert
- inside\_rect?
- inspect
- intersects\_rect?
- join
- keep\_if
- last
- left
- length
- map!
- map\_2d
- pack
- pairs\_to\_hash
- path
- permutation
- point
- pop
- prepend
- product

- push
- rassoc
- rect
- rect\_offset
- rect\_shift
- rect\_shift\_down
- rect\_shift\_left
- rect\_shift\_right
- rect\_shift\_up
- reject!
- reject\_false
- reject\_nil
- replace
- rest
- reverse
- reverse!
- reverse\_each
- right
- rindex
- rotate
- rotate!
- sample
- scale\_rect
- select!
- self\_rect
- serialize
- shift
- shift\_rect
- shuffle
- shuffle!
- size
- slice
- slice!
- sort
- sort!
- text
- to\_a\_pairs
- to\_ary
- to\_h
- to\_s
- top
- transpose
- uniq
- uniq!
- unshift
- values\_at

- 14
- w\_half
- width
- width\_half
- 3
- x2
- x=
- y
- y2
- y=
- |

\_\_\_\_\_

# Class: Object::Primitive

Primitive.new

 $\operatorname{Top}$ 

#### Class: Primitive::Border

Border.new

- a
- a=
- b
- b=
- g
- g=
- hh=
- initialize
- r
- r=
- valid?
- validate!
- 7
- W=
- X
- X=
- y • y=

#### Class: Primitive::Label

#### Label.new

- a
- a=
- alignment\_enum
- alignment\_enum=
- b
- b=
- font
- font=
- g
- g=
- initialize
- r
- r=
- size\_enum
- size\_enum=
- text
- text=
- valid?
- validate!
- x
- x=
- y
- y=

# $\operatorname{Top}$

# Class: Primitive::Line

#### Line.new

- a
- a=
- b
- b=g
- g=
- ullet initialize

- r
- r=
- x
- x2
- x2=
- x=
- y
- y2
- y2=
- y=

Class: Primitive::Solid

Solid.new

- a
- a=
- b
- b=
- g
- g=
- hh=
- initialize
- r
- r=
- valid?
- validate!
- W
- W=
- x
- x=
- y
- y=

Top

Class: Primitive::Sprite

Sprite.new

- a
- a=
- $\bullet$  angle
- angle=
- b
- b=
- dpx
- dpx=
- dpy
- dpy=
- $\bullet$  fliphorz
- fliphorz=
- flipvert
- flipvert=
- g
- g=
- h
- h=
- initialize
- path
- path=
- r
- r=
- sh
- sh=
- SW
- sw=
- sx
- sx=
- sy
- sy=
- W
- w-
- xx=
- y
- y=

Class: Object::Inputs

args.inputs

- controller\_one
- controller\_two
- controllers
- controllers=
- history
- history=
- initialize
- keyboard
- keyboard=
- mouse
- mouse=
- serialize
- text
- text=

#### Class: Object::Controller

 $args.inputs.controller\_one$ 

- clear
- initialize
- key\_down
- key\_down=
- key\_held
- key\_held=
- key\_up
- key\_up=
- left\_analog\_x\_perc
- left\_analog\_x\_perc=
- left\_analog\_x\_raw
- left\_analog\_x\_raw=
- left\_analog\_y\_perc
- left\_analog\_y\_perc=
- left\_analog\_y\_raw
- left\_analog\_y\_raw=
- left\_right
- left\_right=
- right\_analog\_x\_perc
- right\_analog\_x\_perc=
- right\_analog\_x\_raw
- right\_analog\_x\_raw=
- right\_analog\_y\_perc

- right\_analog\_y\_perc=
- right\_analog\_y\_raw
- right\_analog\_y\_raw=
- serialize
- up\_down
- up\_down=

#### Class: Object::Controller

 $args.inputs.controller\_two$ 

- clear
- initialize
- key\_down
- key\_down=
- key\_held
- key\_held=
- key\_up
- key\_up=
- left\_analog\_x\_perc
- left\_analog\_x\_perc=
- left\_analog\_x\_raw
- left\_analog\_x\_raw=
- left\_analog\_y\_perc
- left\_analog\_y\_perc=
- left\_analog\_y\_raw
- left\_analog\_y\_raw=
- left\_right
- left\_right=
- right\_analog\_x\_perc
- right\_analog\_x\_perc=
- right\_analog\_x\_raw
- right\_analog\_x\_raw=
- right\_analog\_y\_perc
- right\_analog\_y\_perc=
- right\_analog\_y\_raw
- right\_analog\_y\_raw=
- serialize
- up\_down
- up\_down=

# Top

# Class: Object::Array

args.inputs.controllers

- &
- \*
- +
- -
- <<
- <=>
- --
- []
- \_\_ary\_cmp
- \_\_ary\_eq
- \_\_ary\_index
- \_\_sort\_sub\_\_
- \_\_svalue
- \_inspect
- a
- a=
- angle
- angle=
- $\bullet \ \ \, {\tt angle\_given\_point}$
- any\_intersects\_rect?
- append
- assoc
- at
- bottom
- bsearch
- bsearch\_index
- center\_inside\_rect
- clear
- collect!
- combination
- compact
- compact!
- concat
- delete
- delete\_at
- delete\_if
- dig
- draw\_primitive\_marker?

- each
- each\_index
- empty?
- eq1?
- fetch
- fill
- first
- flatten
- flatten!
- flatten\_tuples
- h
- h\_half
- has\_nested\_arrays?
- height
- height\_half
- index
- initialize
- initialize\_copy
- insert
- inside\_rect?
- inspect
- intersects\_rect?
- join
- keep\_if
- last
- left
- length
- map!
- map\_2d
- pack
- pairs\_to\_hash
- path
- permutation
- point
- pop
- prepend
- product
- push
- rassoc
- rect
- rect\_offset
- rect\_shift
- rect\_shift\_down
- rect\_shift\_left
- rect\_shift\_right
- rect\_shift\_up

- reject!
- reject\_false
- reject\_nil
- replace
- rest
- reverse
- reverse!
- reverse\_each
- right
- rindex
- rotate
- rotate!
- sample
- scale\_rect
- select!
- self\_rect
- serialize
- shift
- shift\_rect
- shuffle
- shuffle!
- size
- slice
- slice!
- sort
- sort!
- text
- to\_a\_pairs
- to\_ary
- to\_h
- to\_s
- top
- transpose
- uniq
- uniq!
- unshift
- values\_at
- W
- w\_half
- width
- width\_half
- x
- x2
- x=
- y
- y2

• y=

Top

# Class: Object::Keyboard

args.inputs.key board

- clear
- down
- has\_focus
- has\_focus=
- initialize
- inspect
- key\_down
- key\_down=
- key\_held
- key\_held=
- key\_up
- key\_up=
- left
- left\_right
- right
- serialize
- to\_s
- up
- up\_down

Top

 ${\bf Class:\ Object::} {\bf Mouse}$ 

args.inputs.mouse

- clear
- click
- click=
- down
- has\_focus
- has\_focus=
- initialize
- moved

- moved=
- moved\_at
- moved\_at=
- moved\_at\_time
- moved\_at\_time=
- position
- previous\_click
- previous\_click=
- serialize
- up
- up=
- X
- x=
- y
- y=

# Full (including inherited methods)

Class: Object::DragonRubyArgs

```
args
```

- !
- !=
- :
- --
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_

- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- block\_given?
- caller
- class
- class\_defined?
- clear\_render\_targets
- clone
- define\_singleton\_method
- destructure
- dig
- dragon
- dragon=
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- game
- game=
- getc
- gets
- global\_variables
- grid
- grid=
- hash
- help
- here
- initialize
- initialize\_copy
- inputs
- inputs=
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get

- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- outputs
- outputs=
- p
- passes
- passes=
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- recording
- recording=
- remove\_instance\_variable
- render\_target
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf

- srand
- state
- tap
- then
- tick
- to\_enum
- to\_s
- yield\_self

# ${\bf Class:\ Object::} {\bf DragonRuby}$

args.dragon

- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- args
- args=
- argv
- argv=

- block\_given?
- border\_to\_ffi
- calc\_wrapper
- calcstringbox
- caller
- check\_framerate
- class
- class\_defined?
- clear\_draw\_passes
- clear\_draw\_primitives
- clear\_inputs
- cli\_arguments
- clone
- console
- current\_framerate
- current\_framerate\_raw
- define\_singleton\_method
- dequeue\_sounds
- dig
- disable\_console
- dup
- enable\_console
- enum\_for
- eq1?
- equal?
- export!
- extend
- fail
- fast\_rand
- ffi\_file
- ffi\_misc
- ffi\_mrb
- flattened\_solids
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- help
- here
- init\_args\_if\_needed
- initialize
- initialize\_copy
- input\_history

- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- label\_to\_ffi
- lambda
- line\_to\_ffi
- load\_state
- local\_variables
- log
- loop
- method\_missing
- methods
- next\_keyboard\_inputs\_after\_tick
- next\_keyboard\_inputs\_before\_tick
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- passes
- pause!
- paused?
- pin\_root\_values
- primitive\_to\_ffi
- primitives
- print
- printf
- private\_methods
- proc
- ullet protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- queue\_key\_up

- quit!
- quit\_requested?
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- record\_input\_history
- recording
- remove\_instance\_variable
- render\_height
- render\_replay\_mouse
- render\_width
- request\_quit
- require
- reset
- respond\_to?
- root
- root=
- save\_state
- send
- set\_rng
- show\_console
- singleton\_class
- singleton\_methods
- solid\_to\_ffi
- sprintf
- sprite\_to\_ffi
- sprites
- srand
- stage\_replay\_values
- start!
- start\_recording
- start\_replay
- stop\_recording
- stop\_replay
- tap
- target
- text\_font
- then
- tick
- tick\_console
- tick\_core
- tick\_speed\_count
- tick\_speed\_count=
- tick\_speed\_sum
- tick\_speed\_sum=

- to\_enum
- to\_s
- unpause!
- yield\_self

 ${\bf Class:\ Object::} {\bf DragonRubyRoot}$ 

```
args.dragon.root\\
```

- •
- !=
- !~
- \_\_\_
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- """"
- $\bullet$  and
- block\_given?
- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup

- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- files\_reloaded
- files\_reloaded=
- format
- framerate
- framerate=
- framerate\_at
- framerate\_at=
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- hash=
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- keyboard\_focus
- keyboard\_focus=
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- mouse\_focus
- mouse\_focus=
- nil?

- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- paused
- paused=
- print
- printf
- ullet private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- reloaded\_files
- reloaded\_files=
- remove\_instance\_variable
- require
- respond\_to?
- send
- singleton\_class
- singleton\_methods
- sprintf
- srand
- take\_screenshot
- take\_screenshot=
- tap
- then
- tick
- tick\_count
- tick\_count=
- time\_per\_tick
- time\_per\_tick=
- to\_enum
- to\_s
- yield\_self

# Class: Object::OpenEntity

• created\_at=

• created\_at\_elapsed

 $args.game.new\_entity$  Methods of an entity object

```
!=
• Array
• Float
• Hash
• Integer
• String
• __caller_without_noise__
• __case_eqq
• __contains_array_indexers__
• __contains_array_indexers__=
• __custom_object_methods__
• __dragon_ruby_source_files__
• __dragon_ruby_string_contains_source_file_path__?
• __get_hash_property__
• __id__
• __meta__
• __method__
• __object_methods__
• __pretty_print_exception__
• __printstr__
• __reserved_keys__
• __send__
• __set_hash_property__
• __supports_ivars__?
• __touched__
• __touched__=
• _inspect
• and
• attributes
• block_given?
• caller
• class
• class_defined?
• clear!
• clone
```

- define\_singleton\_method
- dig
- dup
- entity\_id
- entity\_type=
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_created\_at=
- global\_created\_at\_elapsed
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- meta
- $\bullet \ \mathtt{method\_missing}$
- methods
- new?
- new\_entity
- nil?
- numeric\_or\_default

```
• object_id
```

- old?
- open
- or
- original\_eq\_eq
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- set!
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- with\_meta
- yield\_self

 ${\bf Class:\ Object::} {\bf FFI::} {\bf MRB}$ 

\$ffi

• !

- !=
- !~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- . .....
- $\bullet$  and
- block\_given?
- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- ullet enum\_for
- eq1?
- equal?
- eval
- extend
- fail
- fast\_randformat
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash

- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- parse
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- reload
- remove\_instance\_variable
- require
- respond\_to?

- send
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- yield\_self

# Class: Object::FFI::File

### FFI::File

- !
- !=
- !~

- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- block\_given?

- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- loadfile
- local\_variables
- loop
- method\_missing
- methods
- mtime
- nil?
- numeric\_or\_default
- object\_id

- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- ullet raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- $\bullet$  send
- singleton\_class
- singleton\_methods
- sprintf
- srand
- storefile
- tap
- then
- tick
- to\_enum
- to\_s
- yield\_self

Class: Object::OpenEntity

args.game

- !
- ! =
- !~
- ==
- ===

- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_contains\_array\_indexers\_\_
- \_\_contains\_array\_indexers\_\_=
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_get\_hash\_property\_\_
- \_\_id\_\_
- \_\_meta\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_reserved\_keys\_\_
- \_\_send\_\_
- \_\_set\_hash\_property\_\_
- \_\_supports\_ivars\_\_?
- \_\_touched\_\_
- \_\_touched\_\_=
- \_inspect
- """"
- $\bullet$  and
- attributes
- block\_given?
- caller
- class
- class\_defined?
- clear!
- clone
- created\_at\_elapsed
- define\_singleton\_method
- dig
- documenter\_success
- documenter\_success=
- dup
- entity\_id
- enum\_for
- eql?
- equal?
- extend

- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_created\_at\_elapsed
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- meta
- method\_missing
- methods
- new?
- new\_entity
- nil?
- numeric\_or\_default
- object\_id
- old?
- open
- or
- original\_eq\_eq
- original\_puts
- p
- print
- printf
- private\_methods

- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- set!
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- tick\_count
- tick\_count=
- to\_enum
- to\_s
- with\_meta
- yield\_self

Class: Object::Module

GC

- !
- !=
- !~
- ==
- . ===
- Array
- Float
- Hash
- Integer

- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- """"
- alias\_method
- ancestors
- and
- append\_features
- attr
- attr\_accessor
- attr\_reader
- attr\_writer
- block\_given?
- caller
- class
- class\_defined?
- class\_eval
- class\_exec
- class\_variable\_defined?
- class\_variable\_get
- class\_variable\_set
- class\_variables
- clone
- const\_defined?
- const\_get
- const\_missing
- const\_set
- constants
- define\_method
- define\_singleton\_method
- dig
- disable
- dup
- enable
- enum\_for

- eq1?
- equal?
- extend
- extend\_object
- extended
- fail
- fast\_rand
- format
- freeze
- frozen?
- generational\_mode
- generational\_mode=
- getc
- gets
- global\_variables
- hash
- help
- here
- include
- include?
- included
- included\_modules
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_methods
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- interval\_ratio
- interval\_ratio=
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_defined?
- method\_missing
- method\_removed
- methods

- module\_eval
- module\_exec
- module\_function
- name
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- prepend
- prepend\_features
- prepended
- print
- printf
- private
- private\_methods
- proc
- protected
- protected\_methods
- public
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_class\_variable
- remove\_const
- remove\_instance\_variable
- remove\_method
- require
- respond\_to?
- $\bullet$  send
- singleton\_class
- singleton\_class?
- singleton\_methods
- sprintf
- srand
- start
- step\_ratio
- step\_ratio=
- tap

- then
- tick
- to\_enum
- to\_s
- undef\_method
- yield\_self

Class: Object::Grid

args.grid

- !

- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_print\_origin\_help
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- block\_given?
- bottom
- bottom=
- caller
- center\_x

- center\_x=
- center\_y
- center\_y=
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eql?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- h
- h\_half
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- $\bullet \ \ instance\_variable\_set$
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- left
- left=
- local\_variables
- loop
- method\_missing

- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- origin\_bottom\_left!
- origin\_center!
- origin\_x
- origin\_x=
- origin\_y
- origin\_y=
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- rect
- rect=
- remove\_instance\_variable
- require
- respond\_to?
- right
- right=
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- top

```
• top=
```

- transform\_angle
- transform\_rect
- transform\_x
- transform\_y
- W
- w\_half
- yield\_self

Class: Object::IO

IO.new(IO.sysopen("/dev/tty", "w"), "w")

- •
- !=
- ! ^
- <<
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_\_update\_hash
- \_check\_readable
- \_inspect
- \_read\_buf
- """"
- all?

- and
- any?
- block\_given?
- caller
- class
- class\_defined?
- clone
- close
- close\_on\_exec=
- close\_on\_exec?
- close\_write
- closed?
- collect
- collect\_concat
- count
- cycle
- define\_singleton\_method
- detect
- dig
- drop
- drop\_while
- dup
- each
- each\_byte
- each\_char
- each\_cons
- each\_line
- each\_slice
- each\_with\_index
- each\_with\_object
- $\bullet$  entries
- enum\_for
- eof
- eof?
- eq1?
- equal?
- extend
- fail
- fast\_rand
- fileno
- find
- find\_all
- find\_index
- first
- flat\_map
- flush

- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- grep
- group\_by
- hash
- help
- here
- include?
- initialize
- initialize\_copy
- inject
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- isatty
- iterator?
- itself
- kind\_of?
- lambda
- lazy
- local\_variables
- loop
- map
- max
- max\_by
- member?
- method\_missing
- methods
- min
- min\_by
- minmax
- minmax\_by
- nil?
- none?
- numeric\_or\_default
- object\_id

- one?
- open
- or
- original\_puts
- T
- partition
- pid
- pos
- pos=
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- read
- readchar
- readline
- readlines
- reduce
- reject
- remove\_instance\_variable
- require
- respond\_to?
- reverse\_each
- rewind
- seek
- select
- send
- singleton\_class
- singleton\_methods
- sort
- sort\_by
- sprintf
- srand
- sync
- sync=
- sysread
- sysseek

- syswrite
- take
- take\_while
- tap
- tell
- then
- tick
- to\_a
- to\_enum
- to\_h
- to\_i
- to\_s
- tty?
- ungetc
- uniq
- write
- yield\_self
- zip

Class: IO::File

File.open

- !
- !=
- !~
- <<
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_

- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_\_update\_hash
- \_check\_readable
- \_inspect
- \_read\_buf
- all?
- and
- any?
- block\_given?
- caller
- class
- class\_defined?
- clone
- close
- close\_on\_exec=
- close\_on\_exec?
- close\_write
- closed?
- collect
- collect\_concat
- count
- cycle
- define\_singleton\_method
- detect
- dig
- drop
- drop\_while
- dup
- each
- each\_byte
- each\_char
- each\_cons
- each\_line
- each\_slice
- each\_with\_index
- each\_with\_object
- entries
- enum\_for
- eof
- eof?
- eql?
- equal?

- extend
- fail
- fast\_rand
- fileno
- find
- find\_all
- find\_index
- first
- flat\_map
- flock
- flush
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- grep
- group\_by
- hash
- help
- here
- include?
- initialize
- initialize\_copy
- inject
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- isatty
- iterator?
- itself
- kind\_of?
- lambda
- lazy
- local\_variables
- loop
- map
- max
- max\_by

- member?
- method\_missing
- methods
- min
- min\_by
- minmax
- minmax\_by
- mtime
- nil?
- none?
- numeric\_or\_default
- object\_id
- one?
- open
- or
- original\_puts
- p
- partition
- path
- path=
- pid
- pos
- pos=
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- read
- readchar
- readline
- readlines
- reduce
- reject
- remove\_instance\_variable
- require
- respond\_to?
- reverse\_each

- rewind
- seek
- select
- $\bullet$  send
- $\bullet \ \, {\tt singleton\_class}$
- singleton\_methods
- sort
- sort\_by
- sprintf
- srand
- sync
- sync=
- sysread
- sysseek
- syswrite
- take
- take\_while
- taketap
- tell
- then
- tick
- to\_a
- to\_enum
- to\_h
- to\_i
- to\_s
- tty?
- ungetc
- uniqwrite
- yield\_self
- zip

 ${\bf Class:\ Object::NilClass}$ 

\$ layout

- !
- ! =
- !~
- &
- +

```
• <
• <=
• >=
• Array
• Float
• Hash
• Integer
• String
• __caller_without_noise__
• __case_eqq
• __check_thrash__!
• __custom_object_methods__
• __dragon_ruby_source_files__
• __dragon_ruby_string_contains_source_file_path__?
• __id__
• __method__
• __object_methods__
• __pretty_print_exception__
• __printstr__
• __send__
• __supports_ivars__?
• _inspect
• and
• assign_method_missing
• background_color
• block_given?
• caller
• class
• class_defined?
• clone
• define_singleton_method
• dig
• dup
\bullet enum_for
• eql?
• equal?
• extend
• fail
• fast_rand
• feels_like_an_array?
```

• format

- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller

- rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_a
- to\_enum
- to\_f
- to\_h
- to\_i
- to\_s
- yield\_self
- .

# Class: Object::Outputs

args.outputs

- !
- ! =
- ! ~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_

- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- . .....
- all\_borders
- all\_labels
- all\_lines
- all\_primitives
- all\_reserved
- all\_solids
- all\_sounds
- all\_sprites
- $\bullet$  and
- block\_given?
- borders
- borders=
- caller
- class
- class\_defined?
- clear
- clear\_non\_static
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- height
- height=
- help
- here

- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind of?
- labels
- labels=
- lambda
- lines
- lines=
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- n
- primitives
- primitives=
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable

- require
- reserved
- reserved=
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- solids
- solids=
- sounds
- sounds=
- sprintf
- sprites
- sprites=
- srand
- static\_borders
- static\_borders=
- static\_labels
- static\_labels=
- static\_lines
- static\_lines=
- static\_primitives
- static\_primitives=
- static\_reserved
- static\_reserved=
- static\_solids
- static\_solids=
- static\_sprites
- static\_sprites=
- tap
- target
- target=
- then
- tick
- to\_enum
- to\_s
- width
- width=
- yield\_self

# Class: Object::Array

```
args.passes
  ! =
   • <<
  • ==
  • Array
  • Float
  • Hash
  • Integer
  • String
  • []
  • []=
  • __ary_cmp
  • __ary_eq
  • __ary_index
  • __caller_without_noise__
  • __case_eqq
  • __custom_object_methods__
  • __dragon_ruby_source_files__
  • __dragon_ruby_string_contains_source_file_path__?
  • __id__
  • __method__
  • __object_methods__
  • __pretty_print_exception__
  • __printstr__
  • __send__
  • __sort_sub__
  • __supports_ivars__?
   • __svalue
  • __update_hash
  • _inspect
   . .....
  • a
  • a=
  • all?
  • and
```

- angle
- angle=
- angle\_given\_point
- any?
- any\_intersects\_rect?
- append
- assoc
- at
- block\_given?
- bottom
- bsearch
- bsearch\_index
- caller
- center\_inside\_rect
- class
- class\_defined?
- clear
- clone
- collect
- collect!
- collect\_concat
- combination
- compact
- compact!
- concat
- count
- cycle
- define\_singleton\_method
- delete
- delete\_at
- delete\_if
- detect
- dig
- draw\_primitive\_marker?
- drop
- drop\_while
- dup
- each
- each\_cons
- each\_index
- each\_slice
- each\_with\_index
- each\_with\_object
- empty?
- entries
- enum\_for

- eq1?
- equal?
- extend
- fail
- fast\_rand
- fetch
- fill
- find
- find\_all
- find\_index
- first
- flat\_map
- flatten
- flatten!
- flatten\_tuples
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- grep
- group\_by
- h
- h\_half
- has\_nested\_arrays?
- hash
- height
- height\_half
- help
- here
- include?
- index
- $\bullet$  initialize
- $\bullet \ \ \, \texttt{initialize\_copy}$
- inject
- insert
- inside\_rect?
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables

- intersects\_rect?
- is\_a?
- iterator?
- itself
- join
- keep\_if
- kind\_of?
- lambda
- last
- lazy
- left
- length
- local\_variables
- loop
- map
- map!
- map\_2d
- max
- max\_by
- member?
- method\_missing
- methods
- min
- min\_by
- minmax
- minmax\_by
- nil?
- none?
- numeric\_or\_default
- object\_id
- one?
- open
- or
- original\_puts
- p
- pack
- pairs\_to\_hash
- partition
- path
- permutation
- point
- pop
- prepend
- print
- printf
- private\_methods

- proc
- product
- protected\_methods
- public\_methods
- purge\_class
- push
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- rassoc
- rect
- rect\_offset
- rect\_shift
- rect\_shift\_down
- rect\_shift\_left
- rect\_shift\_right
- rect\_shift\_up
- reduce
- reject
- reject!
- reject\_false
- reject\_nil
- remove\_instance\_variable
- replace
- require
- respond\_to?
- rest
- reverse
- reverse!
- reverse\_each
- right
- rindex
- rotate
- rotate!
- sample
- scale\_rect
- select
- select!
- self\_rect
- send
- serialize
- shift
- shift\_rect

- shuffle
- shuffle!
- singleton\_class
- singleton\_methods
- size
- slice
- slice!
- sort
- sort!
- sort\_by
- sprintf
- srand
- take
- take\_while
- tap
- text
- then
- tick
- to\_a
- to\_a\_pairs
- to\_ary
- to\_enum
- to\_h
- to\_s
- top
- transpose
- uniq
- uniq!
- unshift
- values\_at
- W
- w\_half
- width
- width\_half
- X
- x2
- x=
- y
- y2
- y=
- yield\_self
- zip
- |

### Class: Object::Primitive

#### Primitive.new

freezefrozen?

```
• !
! =
• Array
• Float
• Hash
• Integer
• String
• __caller_without_noise__
• __case_eqq
• __custom_object_methods__
• __dragon_ruby_source_files__
• __dragon_ruby_string_contains_source_file_path__?
• __id__
• __method__
• __object_methods__
• __pretty_print_exception__
• __printstr__
• __send__
• __supports_ivars__?
• _inspect
\bullet and
• block_given?
• caller
• class
• class_defined?
• clone
• define_singleton_method
• dig
• dup
• enum_for
• eql?
• equal?
• extend
• fail
• fast_rand
• format
```

- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- $\bullet$  methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable

- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- yield\_self

Class: Primitive::Border

Border.new

- !
- !=
- !~
- ==
- ===Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect

- . .....
- a
- a=
- and
- b
- b=
- block\_given?
- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eql?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- g
- g=
- getc
- gets
- global\_variables
- h
- h=
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself

- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- ullet private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- r
- r=
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- valid?
- validate!
- W
- w=

```
xx=yy=
```

• yield\_self

Top

### Class: Primitive::Label

```
Label.new
```

```
• !
```

- ! =
- •!~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- """
- a
- a=
- alignment\_enum
- alignment\_enum=
- $\bullet$  and
- b
- b=
- block\_given?

- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- font
- font=
- format
- freeze
- frozen?
- g
- g=
- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?

- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- ullet protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- r
- r=
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- $\bullet$  rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- size\_enum
- size\_enum=
- sprintf
- srand
- tap
- text
- text=
- then
- tick
- to\_enum
- to\_s • valid?
- validate!
- x
- x=
- y
- y=
- yield\_self

### Class: Primitive::Line

#### Line.new

- !
- !=
- !~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- """
- a
- a=
- and
- b
- b=
- block\_given?
- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for

- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- g
- g=
- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc

- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- r
- r=
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- x
- x2
- x2=
- x=
- y
- y2y2=
- y=
- yield\_self

Class: Primitive::Solid

Solid.new

- !
- !=
- !~

- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- a
- a=
- and
- b
- b=
- block\_given?
- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- g
- g=
- getc

- gets
- global\_variables
- h
- h=
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- r
- r=
- raise
- raise\_method\_missing\_better\_error

- raise\_with\_caller
- $\bullet$  rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- valid?
- validate!
- T.
- W=
- x
- x=
- y
- y=
- yield\_self

Class: Primitive::Sprite

Sprite.new

- !
- I =
- I~
- --
- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq

```
• __custom_object_methods__
```

- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- \_ """
- a
- a=
- and
- angle
- angle=
- b
- b=
- block\_given?
- caller
- class
- class\_defined?
- clone
- define\_singleton\_method
- dig
- dpx
- dpx=
- dpy
- dpy=
- dup
- $\bullet$  enum\_for
- eql?
- equal?
- extend
- fail
- fast\_rand
- fliphorz
- fliphorz=
- flipvert
- flipvert=
- format
- freeze
- frozen?
- g
- g=

- getc
- gets
- global\_variables
- h
- h=
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
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- path=
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- private\_methods
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- r=
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- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
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- $\bullet$  send
- serialize
- sh
- sh=
- singleton\_class
- singleton\_methods
- sprintf
- srand
- SW
- sw=
- sx
- sx=
- sy
- sy=
- tap
- then
- tick
- to\_enum
- to\_s
- W
- w=
- x
- x=
- y
- y=
- yield\_self

Class: Object::Inputs

args.inputs

- !
- !=
- !~

- ===
- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- block\_given?
- caller
- class
- class\_defined?
- clone
- controller\_one
- controller\_two
- controllers
- controllers=
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_variables

- hash
- help
- here
- history
- history=
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- keyboard
- keyboard=
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- mouse
- mouse=
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error

- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- text
- text=
- then
- tick
- to\_enum
- to\_s
- yield\_self

Class: Object::Controller

 $args.inputs.controller\_one$ 

- •
- !=
- !~
- ==
- ===
- Array
- FloatHash
- Integer
- String
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_

- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- block\_given?
- caller
- class
- class\_defined?
- clear
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- key\_down
- key\_down=

- key\_held
- key\_held=
- key\_up
- key\_up=
- kind\_of?
- lambda
- left\_analog\_x\_perc
- left\_analog\_x\_perc=
- left\_analog\_x\_raw
- left\_analog\_x\_raw=
- left\_analog\_y\_perc
- left\_analog\_y\_perc=
- left\_analog\_y\_raw
- left\_analog\_y\_raw=
- left\_right
- left\_right=
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- right\_analog\_x\_perc
- right\_analog\_x\_perc=
- right\_analog\_x\_raw

- right\_analog\_x\_raw=
- right\_analog\_y\_perc
- right\_analog\_y\_perc=
- right\_analog\_y\_raw
- right\_analog\_y\_raw=
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- up\_down
- up\_down=
- yield\_self

Class: Object::Controller

 $args.inputs.controller\_two$ 

- •
- !=
- ! ~
- ==
- ===
- ArrayFloat
- 77 1
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_

- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
- $\bullet$  and
- block\_given?
- caller
- class
- class\_defined?
- clear
- clone
- define\_singleton\_method
- dig
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- hash
- help
- here
- initialize
- initialize\_copy
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- key\_down
- key\_down=

- key\_held
- key\_held=
- key\_up
- key\_up=
- kind\_of?
- lambda
- left\_analog\_x\_perc
- left\_analog\_x\_perc=
- left\_analog\_x\_raw
- left\_analog\_x\_raw=
- left\_analog\_y\_perc
- left\_analog\_y\_perc=
- left\_analog\_y\_raw
- left\_analog\_y\_raw=
- left\_right
- left\_right=
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
- proc
- protected\_methods
- public\_methods
- purge\_class
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- $\bullet \ \ \texttt{remove\_instance\_variable}$
- require
- respond\_to?
- right\_analog\_x\_perc
- right\_analog\_x\_perc=
- right\_analog\_x\_raw

- right\_analog\_x\_raw=
- right\_analog\_y\_perc
- right\_analog\_y\_perc=
- right\_analog\_y\_raw
- right\_analog\_y\_raw=
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf
- srand
- tap
- then
- tick
- to\_enum
- to\_s
- up\_down
- up\_down=
- yield\_self

# Class: Object::Array

args.inputs.controllers

- .
- !=
- ! ~
- &
- 1
- •
- <<
- <=>
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- []
- []=

```
• __ary_cmp
```

- \_\_ary\_eq
- \_\_ary\_index
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
- \_\_dragon\_ruby\_source\_files\_\_
- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
- \_\_id\_\_
- \_\_method\_\_
- \_\_object\_methods\_\_
- \_\_pretty\_print\_exception\_\_
- \_\_printstr\_\_
- \_\_send\_\_
- \_\_sort\_sub\_\_
- \_\_supports\_ivars\_\_?
- \_\_svalue
- \_\_update\_hash
- \_inspect
- a
- a=
- all?
- and
- angle
- angle=
- angle\_given\_point
- any?
- any\_intersects\_rect?
- append
- assoc
- at
- block\_given?
- bottom
- bsearch
- bsearch\_index
- caller
- center\_inside\_rect
- class
- class\_defined?
- clear
- clone
- collect
- collect!
- collect\_concat
- combination

- compact
- compact!
- concat
- count
- cycle
- define\_singleton\_method
- delete
- delete\_at
- delete\_if
- detect
- dig
- draw\_primitive\_marker?
- drop
- drop\_while
- dup
- each
- each\_cons
- each\_index
- each\_slice
- each\_with\_index
- each\_with\_object
- empty?
- entries
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- fetch
- fill
- find
- $\bullet$  find\_all
- $\bullet \ \, \texttt{find\_index}$
- first
- flat\_map
- flatten
- flatten!
- flatten\_tuples
- format
- freeze
- frozen?
- getc
- gets
- global\_variables
- grep

- group\_by
- h
- h\_half
- has\_nested\_arrays?
- hash
- height
- height\_half
- help
- here
- include?
- index
- initialize
- initialize\_copy
- inject
- insert
- inside\_rect?
- inspect
- instance\_eval
- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- intersects\_rect?
- is\_a?
- iterator?
- itself
- join
- keep\_if
- kind\_of?
- lambda
- last
- lazy
- left
- length
- local\_variables
- loop
- map
- map!
- map\_2d
- max
- max\_by
- member?
- method\_missing
- methods

- min
- min\_by
- minmax
- minmax\_by
- nil?
- none?
- numeric\_or\_default
- object\_id
- one?
- open
- or
- original\_puts
- p
- pack
- pairs\_to\_hash
- partition
- path
- permutation
- point
- pop
- prepend
- print
- printf
- private\_methods
- proc
- product
- protected\_methods
- public\_methods
- purge\_class
- push
- puts
- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- rassoc
- rect
- rect\_offset
- rect\_shift
- rect\_shift\_down
- rect\_shift\_left
- rect\_shift\_right
- rect\_shift\_up
- reduce
- reject

- reject!
- reject\_false
- reject\_nil
- remove\_instance\_variable
- replace
- require
- respond\_to?
- rest
- reverse
- reverse!
- reverse\_each
- right
- rindex
- rotate
- rotate!
- sample
- scale\_rect
- select
- select!
- self\_rect
- $\bullet$  send
- serialize
- shift
- shift\_rect
- shuffle
- shuffle!
- singleton\_class
- singleton\_methods
- size
- slice
- slice!
- sort
- sort!
- sort\_by
- sprintf
- srand
- take
- take\_while
- tap
- text
- then
- tick
- to\_a
- to\_a\_pairs
- to\_ary
- to\_enum

```
• to_h
   • to_s
   • top
   • transpose
   • uniq
   • uniq!
   • unshift
   • values_at
   • w_half
   • width
   • width_half
   • x
   • x2
   • x=

    y

   • y2
   • y=
   • yield_self
   • zip
  • |
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# Class: Object::Keyboard

args.inputs.key board

- \_\_method\_\_
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- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
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- caller
- class
- class\_defined?
- clear
- clone
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- dig
- down
- dup
- enum\_for
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- equal?
- extend
- fail
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- frozen?
- getc
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- has\_focus=
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- help
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- inspect
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- instance\_exec
- instance\_of?
- instance\_variable\_defined?
- instance\_variable\_get
- instance\_variable\_set
- instance\_variables

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- iterator?
- itself
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- key\_down=
- key\_held
- key\_held=
- key\_up
- key\_up=
- kind\_of?
- lambda
- left
- left\_right
- local\_variables
- loop
- method\_missing
- methods
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- print
- printf
- private\_methods
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- protected\_methods
- public\_methods
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- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
- require
- respond\_to?
- right
- send
- serialize
- singleton\_class
- singleton\_methods
- sprintf

- srand
- tap
- then
- tick
- to\_enum
- to\_s
- up
- up\_down
- yield\_self

Class: Object::Mouse

args.inputs.mouse

- ! =

- Array
- Float
- Hash
- Integer
- String
- \_\_caller\_without\_noise\_\_
- \_\_case\_eqq
- \_\_custom\_object\_methods\_\_
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- \_\_dragon\_ruby\_string\_contains\_source\_file\_path\_\_?
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- \_\_method\_\_
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- \_\_printstr\_\_
- \_\_send\_\_
- \_\_supports\_ivars\_\_?
- \_inspect
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- class

- class\_defined?
- clear
- click
- click=
- clone
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- dig
- down
- dup
- enum\_for
- eq1?
- equal?
- extend
- fail
- fast\_rand
- format
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- has\_focus=
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- initialize\_copy
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- instance\_eval
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- instance\_variable\_get
- instance\_variable\_set
- instance\_variables
- is\_a?
- iterator?
- itself
- kind\_of?
- lambda
- local\_variables
- loop
- method\_missing
- methods
- moved

- moved=
- moved\_at
- moved\_at=
- moved\_at\_time
- moved\_at\_time=
- nil?
- numeric\_or\_default
- object\_id
- open
- or
- original\_puts
- p
- position
- previous\_click
- previous\_click=
- print
- printf
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- proc
- protected\_methods
- public\_methods
- purge\_class
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- putsc
- raise
- raise\_method\_missing\_better\_error
- raise\_with\_caller
- rand
- remove\_instance\_variable
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- respond\_to?
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- then
- tick
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- up=
- x
- X=

• y • y=

• yield\_self

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