Contents

Short (excluding inherited methods)
Class: (class Object)::(class GTK::Args)
Class: (class Object)::(class GTK::Runtime)
Class: (class Object)::(class GTK::Root)
Class: (class Object)::(class GTK::OpenEntity)
Class: (class Object)::(class FFI::MRB)
Class: (class Object)::(class FFI::File)
Class: (class Object)::(class GTK::OpenEntity)
Class: (class Object)::(class Module)
Class: (class Object)::(class GTK::Grid
Class: (class Object)::(class IO
Class: (class IO
Class: (class Object)::(class NilClass
Class: (class Object)::(class GTK::Outputs)
Class: (class Object)::(class Array
Class: (class Object)::(class GTK::Inputs)
Class: (class Object)::(class GTK::Controller)
Class: (class Object)::(class GTK::Controller)
Class: (class Object)::(class Array
Class: (class Object)::(class GTK::Keyboard)
Class: (class Object)::(class GTK::Mouse)
Full (including inherited methods)
Class: (class Object)::(class GTK::Args)
Class: (class Object)::(class GTK::Runtime)
Class: (class Object)::(class GTK::Root)
Class: (class Object)::(class GTK::OpenEntity)
Class: (class Object)::(class FFI::MRB)
Class: (class Object)::(class FFI::File)
Class: (class Object)::(class GTK::OpenEntity)
Class: (class Object)::(class Module)
Class: (class Object)::(class GTK::Grid
Class: (class Object)::(class IO
Class: (class IO
Class: (class Object)::(class NilClass
Class: (class Object)::(class GTK::Outputs)
Class: (class Object)::(class Array 6'
Class: (class Object)::(class GTK::Inputs)
Class: (class Object)::(class GTK::Controller)
Class: (class Object)::(class GTK::Controller)
Class: (class Object)::(class Array
Class: (class Object)::(class GTK::Keyboard)
Class: (class Object)::(class GTK::Mouse)

Short (excluding inherited methods)

Class: (class Object)::(class GTK::Args)

args

- borders
- clear_render_targets
- click
- click_at
- controller_one
- controller_two
- destructure
- dragon
- game
- grid
- grid=
- gtk
- initialize
- inputs
- inputs=
- keyboard
- labels
- lines
- mouse
- outputs
- outputs=
- passes
- passes=
- primitives
- recording
- recording=
- render_target
- runtime
- runtime=
- serialize
- solids
- sprites
- state
- state=
- static_borders
- static_labels
- static_lines
- static_primitives

- static_solids
- static_sprites

Class: (class Object)::(class GTK::Runtime)

args.dragon

- args
- args=
- argv
- argv=
- border_to_ffi
- calc_wrapper
- $\bullet \ \ \, {\tt calcstringbox}$
- 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_draw
- ffi_file
- ffi_misc
- ffi_mrb
- framerate_below_threshold?
- grep_source
- 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?
- raise_conversion_for_rendering_failed
- read_file
- record_input_history
- recording
- render height
- render_replay_mouse
- render_width
- request_quit
- require
- reserved_primitives
- · rosot
- reset_framerate_calculation
- root
- root=
- save_state
- set_rng
- show console
- solid_to_ffi
- sprite_to_ffi
- stage_replay_values
- start!
- start_recording
- start_replay
- stop_recording
- stop_replay
- suppress_framerate_warning
- suppress_framerate_warning=
- suppress_print_help_when_mouse_clicked
- suppress_print_help_when_mouse_clicked=
- target
- tests
- text_font
- tick_console
- tick_core
- unpause!

Class: (class Object)::(class GTK::Root)

args.dragon.root

- files_reloaded
- files_reloaded=
- 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: (class Object)::(class GTK::OpenEntity)

args.state.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=

entity_type=
• global_created_at=
 global_created_at_elapsed
• hash
• initialize
• inspect
• meta
• meta!
method_missing
• new?
new_entity
new_entity_strict
• old?
• original_eq_eq
• set!
• to_s
• with_meta
Тор
Class: (class Object)::(class FFI::MRB)
Class: (class Object)::(class FFI::MRB) \$ffi
\$ffi • eval
\$ffi
**sffievalparsereload
\$ffievalparse
**sffievalparsereload
**sffievalparsereload
<pre>\$ffi • eval • parse • reload</pre> Top
**sffievalparsereload
• eval • parse • reload Top Class: (class Object)::(class FFI::File)
<pre>\$ffi • eval • parse • reload</pre> Top
• eval • parse • reload Top Class: (class Object)::(class FFI::File)
• eval • parse • reload Top Class: (class Object)::(class FFI::File) FFI::File
• eval • parse • reload Top Class: (class Object)::(class FFI::File) FFI::File • loadfile
<pre> • eval • parse • reload Top Class: (class Object)::(class FFI::File) FFI::File • loadfile • mtime • storefile • storefile • eval • loadfile • mtime • storefile • storefile • parse • reload • reload</pre>
<pre> • eval • parse • reload Top Class: (class Object)::(class FFI::File) FFI::File • loadfile • mtime </pre>
<pre> • eval • parse • reload Top Class: (class Object)::(class FFI::File) FFI::File • loadfile • mtime • storefile • storefile • eval • loadfile • mtime • storefile • storefile • parse • reload • reload</pre>

• created_at_elapsed

• entity_id

Class: (class Object)::(class GTK::OpenEntity)

```
args.state
  • __contains_array_indexers__
  • __contains_array_indexers__=
  • __get_hash_property__
  • __meta__
  • __reserved_keys__
  • __set_hash_property__
  • __touched__
  • __touched__=
  • attributes
  • clear!
  • created_at_elapsed
  • documenter_success
  • entity_id
  • global_created_at_elapsed
   hash
  • initialize
  • inspect
  • meta
  • meta!
  • method_missing
  • new?
  • new_entity
  • new_entity_strict
  • old?
  • original_eq_eq
  • set!
  • tick_count=
  • to_s
  • with_meta
Top
```

Class: (class Object)::(class Module)

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: (class Object)::(class GTK::Grid

 $(included_modules [Serialize])) args.grid$

- __print_origin_help
- bottom
- bottom=
- center_x
- center_x=
- center_y
- center_y=
- h
- h_half
- initialize
- left
- left=
- name
- name=
- origin_bottom_left!
- origin_center!
- origin_x
- origin_x=
- origin_y
- origin_y=
- rect
- rect=
- right
- right=
- top
- top=
- transform_angle
- $\bullet \ \ transform_rect$
- transform_x
- transform_y

```
• untransform_x
```

- untransform_y
- W
- w_half

Class: (class Object)::(class IO

(included_modules [Enumerable])) 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
- getshash
- initialize
- initialize_copy
- isatty
- pid
- pos
- pos=
- print
- printf
- puts
- read
- readchar
- readline
- readlines
- rewind

- seek
- sync
- sync=
- sysread
- sysseek
- syswrite
- tell
- to_i
- tty?
- ungetc
- write

Class: (class IO

 $\label{lem:cluded_modules} $$ [Enumerable]))::(class File (superclass (class IO (included_modules [Enumerable]))) (included_modules [File::Constants, Enumerable])) $$ File.open$

- flock
- initialize
- mtime
- path
- path=

Top

Class: (class Object)::(class NilClass

 $(included_modules [NilClassFalseClass]))$ \$layout

- 8
- ^
- __check_thrash__!
- background_color
- inspect
- method_missing
- nil?
- to_a
- to_f
- to_h
- to_i

```
to_s|
```

Class: (class Object)::(class GTK::Outputs)

args.outputs

- __borders=
- __labels=
- __lines=
- __primitives=
- __raise_deprecated__
- __reserved=
- __solids=
- __sprites=
- __static_borders=
- __static_labels=
- __static_lines=
- __static_primitives=
- __static_reserved=
- __static_solids=
- __static_sprites=
- all_borders
- all_labels
- all_lines
- all_primitives
- all_reserved
- \bullet 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: (class Object)::(class Array

 $\label{lem:conversionCapabilities} (included_modules \ [GTK::Primitive::ConversionCapabilities, \ Enumerable])) \ args.passes$

- &
- *
- +
- -
- <<=>
- **--**

- []
- []=
- __ary_cmp
- __ary_eq
- __ary_index
- __original_add__
- __original_add_single__
- __sort_sub__
- __svalue
- _inspect
- any_intersects_rect?
- append
- assoc
- at
- bsearch
- bsearch_index
- clear
- collect!
- combination
- compact
- compact!
- concat
- delete
- delete_at
- delete_if
- dig
- each
- each_index
- empty?
- eq1?
- fetch
- fill
- first
- flatten
- flatten!
- include_any?
- index
- initialize
- initialize_copy
- insert
- inspect
- join
- keep_if
- last
- length
- map!

- map_2d
- pack
- pairs_to_hash
- permutation
- pop
- prepend
- product
- push
- rassoc
- reject!
- reject_false
- reject_nil
- replace
- rest
- reverse
- reverse!
- reverse_each
- rindex
- rotate
- rotate!
- sample
- select!
- serialize
- shift
- shuffle
- shuffle!
- size
- slice
- slice!
- sort
- sort!
- to_a_pairs
- to_ary
- to_h
- to_s
- transpose
- uniq
- uniq!
- unshift
- values_at
- |

Class: (class Object)::(class GTK::Inputs)

args.inputs

- controller_one
- controller_two
- controllers
- controllers=
- history
- history=
- initialize
- keyboard
- keyboard=
- mouse
- mouse=
- serialize
- text
- text=

Top

Class: (class Object)::(class GTK::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: (class Object)::(class GTK::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=
- $\bullet \ \ \, \texttt{right_analog_y_perc}$
- right_analog_y_perc=
- right_analog_y_raw
- right_analog_y_raw=
- serialize
- up_down

• up_down=

Top

Class: (class Object)::(class Array

 $(included_modules \ [GTK::Primitive::ConversionCapabilities, \ Enumerable])) \ args.inputs.controllers$

- &
- *
- -
- –
- <<
- \-
- ==
- []
- []=
- __ary_cmp
- __ary_eq
- __ary_index
- __original_add__
- __original_add_single__
- __sort_sub__
- __svalue
- _inspect
- any_intersects_rect?
- append
- assoc
- at
- bsearch
- bsearch_index
- clear
- collect!
- combination
- compact
- compact!
- concat
- delete
- delete_at
- delete_if
- dig
- each
- each_index

- empty?
- eq1?
- fetch
- fill
- first
- flatten
- flatten!
- include_any?
- index
- initialize
- initialize_copy
- insert
- inspect
- join
- keep_if
- last
- length
- map!
- map_2d
- pack
- pairs_to_hash
- permutation
- pop
- prepend
- product
- push
- rassoc
- reject!
- reject_false
- reject_nil
- replace
- rest
- reverse
- reverse!
- reverse_each
- rindex
- rotate
- rotate!
- sample
- select!
- serialize
- shift
- shuffle
- shuffle!
- size
- slice

- slice!
- sort
- sort!
- to_a_pairs
- to_ary
- to_h
- to_s
- transpose
- uniq
- uniq!
- unshift
- values_at
- |

Class: (class Object)::(class GTK::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

Class: (class Object)::(class GTK::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=

Top

Full (including inherited methods)

Class: (class Object)::(class GTK::Args)

args

- !
- !=
- !-
- ==
- ۸ -----
- ArrayFloat
- Hash
- Integer

- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect
- """
- and
- better_instance_information
- block_given?
- borders
- caller
- class
- class_defined?
- clear_render_targets
- click
- click_at
- clone
- controller_one
- controller_two
- define_singleton_method
- destructure
- dig
- dragon
- dup
- \bullet enum_for
- eq1?
- equal?
- extend
- fail
- fast_rand
- format
- freeze
- frozen?
- game
- getc
- gets
- global_variables

- grid
- grid=
- gtk
- 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
- keyboard
- kind_of?
- labels
- lambda
- lines
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- mouse
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- outputs
- outputs=
- p
- passes

- passes=
- primitive?
- primitive_determined?
- primitives
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- raise_method_missing_better_error
- raise_with_caller
- rand
- recording
- recording=
- remove_instance_variable
- render_target
- require
- respond_to?
- runtime
- runtime=
- send
- serialize
- singleton_class
- singleton_methods
- solids
- sprintf
- sprites
- srand
- state
- state=
- static_borders
- static_labels
- static_lines
- static_primitives
- static_solids
- static_sprites
- tap
- then
- tick

```
• to_enum
```

- to_s
- yield_self

Class: (class Object)::(class GTK::Runtime)

```
args.dragon\\
```

- !
- !=
- !~
- ==
- ___
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect
-
- \bullet and
- args
- args=
- argv
- argv=
- better_instance_information
- 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_draw
- ffi_file
- ffi_misc
- ffi_mrb
- format
- framerate_below_threshold?
- freeze
- frozen?
- getc
- gets
- global_variables
- grep_source
- 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
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- 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?
- primitive_determined?
- primitive_to_ffi
- primitives
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods

- purge_class
- puts
- putsc
- queue_key_up
- quit!
- quit_requested?
- raise
- raise_conversion_for_rendering_failed
- raise_error_with_kind_of_okay_message
- raise_immediately
- raise_method_missing_better_error
- raise_with_caller
- rand
- read file
- record_input_history
- recording
- remove_instance_variable
- render_height
- render_replay_mouse
- render_width
- request_quit
- require
- reserved_primitives
- reset
- reset_framerate_calculation
- respond_to?
- root
- root=
- save_state
- send
- set_rng
- show_console
- $\bullet \ \, {\tt singleton_class}$
- singleton_methods
- solid_to_ffi
- sprintf
- sprite_to_ffi
- srand
- stage_replay_values
- start!
- start_recording
- start_replay
- stop_recording
- stop_replay
- suppress_framerate_warning
- suppress_framerate_warning=

```
• suppress_print_help_when_mouse_clicked
```

- suppress_print_help_when_mouse_clicked=
- tap
- target
- tests
- text_font
- then
- tick
- tick_console
- tick_core
- to_enum
- to_s
- unpause!
- yield_self

Class: (class Object)::(class GTK::Root)

args.dragon.root

- !~
- ===
- Array • Float
- Hash
- Integer • String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect

-
- and
- better_instance_information
- 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
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- mouse_focus
- mouse_focus=
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- paused
- paused=
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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: (class Object)::(class GTK::OpenEntity)

args.state.new_entity Methods of an entity object

- !
- ! =
- ! ~
- ==
- ===
- ArrayFloat
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __contains_array_indexers__
- __contains_array_indexers__=
- __custom_object_methods__
- __get_hash_property__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __meta__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__

- __reserved_keys__
- __send__
- __set_hash_property__
- __supports_ivars__?
- __touched__
- __touched__=
- _inspect
-
- and
- attributes
- better_instance_information
- block_given?
- caller
- class
- class_defined?
- clear!
- clone
- created_at=
- created_at_elapsed
- 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
- ullet instance_variables
- is_a?
- iterator?
- itself
- kind of?
- lambda
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- meta
- meta!
- metadata_object_id
- method_missing
- methods
- new?
- new_entity
- new_entity_strict
- nil?
- numeric_or_default
- object_id
- old?
- open
- or
- original_eq_eq
- original_puts
- p
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message

```
raise_immediatelyraise_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

Top

Class: (class Object)::(class FFI::MRB)

\$ffi

- !
- . .
- !~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- $\bullet \ __\texttt{gtk_ruby_string_contains_source_file_path}_?$
- __id__
- __method__

- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect """
- \bullet and
- better_instance_information
- block_given?
- caller
- class
- class_defined?
- clone
- define_singleton_method
- dig
- dup
- enum_for
- eq1?
- equal?
- eval
- 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
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- parse
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- raise_method_missing_better_error
- raise_with_caller
- rand
- reload
- remove_instance_variable
- require
- respond_to?
- send
- singleton_class
- singleton_methods
- sprintf
- \bullet srand
- tap

```
• then
```

- tick
- to_enum
- to_s
- yield_self

Class: (class Object)::(class FFI::File)

FFI::File

- !
- !=
- : "
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect
- •
- \bullet and
- better_instance_information
- 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?
- $\bullet \ \ instance_variable_get$
- instance_variable_set
- instance_variables
- is_a?
- iterator?
- itself
- kind_of?
- lambda
- loadfile
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- mtime
- nil?
- numeric_or_default
- object_id

```
• open
  • or
  • original_puts
  • primitive?
  • primitive_determined?
  • print
  • printf
  • private_methods
  • proc
  • protected_methods
  • public_methods
  • purge_class
  • puts
  • putsc
  • raise
  • raise_error_with_kind_of_okay_message
  • raise_immediately
  • raise_method_missing_better_error
  • raise_with_caller
  • rand
  • remove_instance_variable
  • require
  • respond_to?
  • send
  • singleton_class
  • singleton_methods
  • sprintf
  • srand
  • storefile
  • tap
  • then
  • tick
  • to_enum
  • to_s
  • yield_self
Top
```

Class: (class Object)::(class GTK::OpenEntity)

args.state

• !

```
! =
```

- !~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __contains_array_indexers__
- __contains_array_indexers__=
- __custom_object_methods__
- __get_hash_property__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __meta__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __reserved_keys__
- __send__
- __set_hash_property__
- __supports_ivars__?
- __touched__
- __touched__=
- _inspect
- """"
- \bullet and
- attributes
- better_instance_information
- block_given?
- caller
- class
- class_defined?
- clear!
- clone
- created_at_elapsed
- define_singleton_method
- dig
- documenter_success
- dup
- entity_id

- enum_for
- eq1?
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- meta
- meta!
- metadata_object_id
- method_missing
- methods
- new?
- new_entity
- new_entity_strict
- nil?

- numeric_or_default
- object_id
- old?
- open
- or
- original_eq_eq
- original_puts
- p
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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=
- to_enum
- to_s
- with_meta
- yield_self

Class: (class Object)::(class Module)

```
GC
  • !
  ! =
  • Array
  • Float
  • Hash
  • Integer
  • String
  • __caller_without_noise__
  • __case_eqq
  • __custom_object_methods__
  • __gtk_ruby_source_files__
  • __gtk_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
  • better_instance_information
  • block_given?
  • caller
  • class
  • class_defined?
  • class_eval
  • class_exec
  • class_variable_defined?
```

class_variable_getclass_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
- eql?
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_defined?
- $\bullet \ \mathtt{method_missing}$
- 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
- primitive?
- primitive_determined?
- print
- printf
- private
- private_methods
- proc
- protected
- protected_methods
- public
- public_methods
- purge_class
- puts

- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- raise_method_missing_better_error
- raise_with_caller
- rand
- remove_class_variable
- remove_const
- remove_instance_variable
- remove_method
- require
- respond_to?
- 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: (class Object)::(class GTK::Grid

(included_modules [Serialize])) args.grid

- !
- ! =
- !~
- ==
- ===
- Array
- Float
- Hash

- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __print_origin_help
- __printstr__
- __send__
- __supports_ivars__?
- _inspect

- better_instance_information
- block_given?
- bottom
- bottom=
- caller
- center_x
- center_x=
- center_y
- center_y=
- class
- class_defined?
- clone
- define_singleton_method
- dig
- dup
- \bullet enum_for
- eq1?
- 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
- instance_variable_set
- instance_variables
- is_a?
- iterator?
- itself
- kind_of?
- lambda
- left
- left=
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- name
- name=
- nil?
- numeric_or_default
- object_id
- open
- or
- origin_bottom_left!
- origin_center!
- origin_x
- origin_x=
- origin_y
- origin_y=
- original_puts
- p
- primitive?

- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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
- untransform_x
- untransform_y
- W
- w_half
- yield_self

Class: (class Object)::(class IO

 $(included_modules \; [Enumerable])) \; IO.new(IO.sysopen("/dev/tty", \; "w"), \; "w")$

- •
- !=
- !~
- <<
- •
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_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?
- \bullet and
- any?
- better_instance_information
- 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
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- map
- max
- max_by
- member?
- metadata_object_id
- method_missing
- methods
- min
- min_by
- minmax
- minmax_by
- nil?
- none?
- numeric_or_default
- object_id
- one?
- open
- or

- original_puts
- p
- partition
- pid
- pos
- pos=
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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: (class IO

(included_modules [Enumerable]))::(class File (superclass (class IO (included_modules [Enumerable]))) (included_modules [File::Constants, Enumerable])) File.open

- •
- !=
- !~
- <<
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_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?
- \bullet and
- any?
- better_instance_information
- 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?
- eq1?
- 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

- log
- log_info
- log_once
- log_once_info
- loop
- map
- max
- max_by
- member?
- metadata_object_id
- method_missing
- methods
- min
- min_by
- minmax
- minmax_by
- mtime
- nil?
- none?
- numeric_or_default
- object_id
- one?
- open
- or
- original_puts
- 1
- partition
- path
- path=
- pid
- pos
- pos=
- primitive?primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately

- 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
- to_s
 tty?
- ungetc
- uniq
- write
- yield_self
- zip

Class: (class Object)::(class NilClass

 $(included_modules\ [NilClassFalseClass]))\ \$layout$

```
! =
 ! ~
 >
• Array
• Float
• Hash
• Integer
• String
• __caller_without_noise__
• __case_eqq
• __check_thrash__!
• __custom_object_methods__
• __gtk_ruby_source_files__
• __gtk_ruby_string_contains_source_file_path__?
• __id__
• __method__
• __object_methods__
• __pretty_print_exception__
• __printstr__
• __send__
__supports_ivars__?
 _inspect
• and
• assign_method_missing
• background_color
• better_instance_information
```

block_given?caller

- class
- class_defined?
- clone
- define_singleton_method
- dig
- dup
- enum_for
- eql?
- equal?
- extend
- fail
- fast_rand
- feels_like_an_array?
- format
- frame_index
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing

- methods
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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
- unassign_method_missing
- unassign_method_missing_and_raise
- yield_self

```
• |
Top
```

Class: (class Object)::(class GTK::Outputs)

```
args.outputs\\
```

- .
- !=
- !
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- __borders=
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __labels=
- __lines=
- __method__
- __object_methods__
- __pretty_print_exception__
- __primitives=
- __printstr__
- __raise_deprecated__
- __reserved=
- __send__
- __solids=
- __sprites=
- __static_borders=
- __static_labels=
- __static_lines=
- __static_primitives=
- __static_reserved=
- __static_solids=
- __static_sprites=

- __supports_ivars__?
- _inspect
- all_borders
- all_labels
- all_lines
- all_primitives
- all_reserved
- all_solids
- all_sounds
- all_sprites
- \bullet and
- better_instance_information
- block_given?
- borders
- borders=
- caller
- class
- class_defined?
- clear
- clear_non_static
- clone
- define_singleton_method
- dig
- dup
- enum_for
- eql?
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- primitive?
- primitive_determined?
- primitives
- primitives=
- print
- printf
- \bullet private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message

- raise_immediately
- 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: (class Object)::(class Array

 $\label{lem:conversionCapabilities} \mbox{(included_modules [GTK::Primitive::ConversionCapabilities, Enumerable]))} $$args.passes$

- !
- ! =
- I~
- &
- -
- +
- . ..
- <=>
- --
- Array
- Float
- Hash
- Integer
- String
- []
- []=
- __ary_cmp
- __ary_eq
- __ary_index
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __original_add__
- __original_add_single__
- __pretty_print_exception__
- __printstr__
- __send__
- __sort_sub__
- __supports_ivars__?
- __svalue

- __update_hash
- · _inspect
- a
- a=
- all?
- \bullet and
- angle
- angle=
- angle_given_point
- any?
- any_intersects_rect?
- append
- assoc
- at
- better_instance_information
- block_given?
- border
- 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
- 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!
- format
- freeze
- frozen?
- getc
- gets
- global_variables
- grep
- group_by
- h
- h_half
- hash
- height
- height_half
- help
- here
- include?
- include_any?
- 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?
- label
- lambda
- last
- lazy
- left
- length
- line
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- map
- map!
- map_2d
- mark_as_border!
- mark_as_common!
- mark_as_label!
- mark_as_line!
- mark_as_point!
- mark_as_primitive!
- mark_as_rect!
- mark_as_solid!
- mark_as_sprite!
- max
- max_by
- member?
- metadata_object_id
- method_missing
- methods
- min

- min_by
- minmax
- minmax_by
- nil?
- none?
- numeric_or_default
- object_id
- one?
- open
- or
- original_puts
- r
- pack
- pairs_to_hash
- partition
- path
- path=
- permutation
- point
- pop
- prepend
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- product
- protected_methods
- public_methods
- purge_class
- push
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- raise_method_missing_better_error
- raise_with_caller
- rand
- rassoc
- rect
- 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!
- send
- serialize
- shift
- shift_rect
- shuffle
- shuffle!
- singleton_class
- singleton_methods
- size
- slice
- slice!
- solid
- sort
- sort!
- sort_by • sprintf
- sprite • srand
- take
- take_while
- tap
- text
- text=
- then

```
tickto_a
```

- to_a_pairs
- to_ary
- to_enum
- to_h
- to_s
- top
- transpose
- uniq
- uniq!
- unshift
- values_at
- V
- w_half
- width
- width_half
- x
- x2
- x=
- y
- y2
- y=
- yield_self
- zip
- |

Class: (class Object)::(class GTK::Inputs)

args.inputs

- .
- I=
- !~
- ==
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__

- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect
- and
- better_instance_information
- block_given?
- caller
- class
- class_defined?
- clone
- controller_one
- controller_two
- controllers
- controllers=
- define_singleton_method
- dig
- dup
- enum_for
- eql?
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- mouse
- mouse=
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- ullet public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message

```
• raise_immediately
```

- 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: (class Object)::(class GTK::Controller)

 $args.inputs.controller_one$

- !
- !=
- ! ~
- ==
- ===
- Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__

- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect
- and
- better_instance_information
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- r
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc

- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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: (class Object)::(class GTK::Controller)

 $args.inputs.controller_two$

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

- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- __gtk_ruby_string_contains_source_file_path__?
- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect
- and
- better_instance_information
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- primitive?

- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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: (class Object)::(class Array

 $(included_modules \ [GTK::Primitive::ConversionCapabilities, \ Enumerable])) args.inputs.controllers$

```
• !~
• &
• <<
• <=>
• Array
• Float
• Hash
• Integer
• String
• []
• []=
• __ary_cmp
• __ary_eq
• __ary_index
• __caller_without_noise__
• __case_eqq
• __custom_object_methods__
• __gtk_ruby_source_files__
• __gtk_ruby_string_contains_source_file_path__?
• __id__
• __method__
• __object_methods__
• __original_add__
• __original_add_single__
• __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
- better_instance_information
- block_given?
- border
- 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
- drop
- drop_while
- dup
- each
- each_cons
- each_index
- each_slice
- each_with_index

- each_with_object
- empty?
- entries
- enum_for
- eql?
- equal?
- extend
- fail
- fast_rand
- fetch
- fill
- find
- find_all
- find_index
- first
- flat_map
- flatten
- flatten!
- format
- freeze
- frozen?
- getc
- gets
- global_variables
- grep
- group_by
- h
- h_half
- hash
- height
- height_half
- help
- here
- include?
- include_any?
- 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?
- label
- lambda
- last
- lazy
- left
- length
- line
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- map
- map!
- map_2d
- mark_as_border!
- mark_as_common!
- mark_as_label!
- mark_as_line!
- mark_as_point!
- mark_as_primitive!
- mark_as_rect!
- mark_as_solid!
- mark_as_sprite!
- max
- max_by
- member?
- metadata_object_id
- 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
- path=
- permutation
- point
- pop
- prepend
- primitive?
- primitive_determined?
- print
- printf
- \bullet private_methods
- proc
- product
- protected_methods
- public_methods
- purge_class
- push
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- raise_method_missing_better_error
- raise_with_caller
- rand
- rassoc
- rect
- 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!
- send
- serialize
- shift
- shift_rect
- shuffle
- shuffle!
- singleton_class
- singleton_methods
- size
- slice
- slice!
- solid
- sort
- sort!
- sort_by
- sprintf
- sprite
- srand
- take
- take_while
- tap
- text
- 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
• x2

    y

• y2
• y=
• yield_self
```

Class: (class Object)::(class GTK::Keyboard)

args. inputs. keyboard

• zip

Top

```
• !
• !=
• !~
• ==
• ==
• Array
• Float
• Hash
• Integer
• String
• __caller_without_noise__
• __case_eqq
• __custom_object_methods__
• __gtk_ruby_source_files__
• __gtk_ruby_string_contains_source_file_path__?
```

- __id__
- __method__
- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect """
- and
- $\bullet \ \ \mathtt{better_instance_information}$
- block_given?
- caller
- class
- class_defined?
- clear
- clone
- define_singleton_method
- dig
- down
- dup
- \bullet enum_for
- eq1?
- equal?
- extend
- fail
- fast_rand
- format
- freeze
- frozen?
- getc
- gets
- global_variables
- has_focus
- has_focus=
- 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
- left_right
- local_variables
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- method_missing
- methods
- nil?
- numeric_or_default
- object_id
- open
- or
- original_puts
- p
- primitive?
- primitive_determined?
- print
- printf
- private_methods
- proc
- protected_methods
- public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately
- 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: (class Object)::(class GTK::Mouse)

args.inputs.mouse

- !
- !=
- •!~
- ==
- ===Array
- Float
- Hash
- Integer
- String
- __caller_without_noise__
- __case_eqq
- __custom_object_methods__
- __gtk_ruby_source_files__
- $\bullet \ __\texttt{gtk_ruby_string_contains_source_file_path}_?$
- __id__
- __method__

- __object_methods__
- __pretty_print_exception__
- __printstr__
- __send__
- __supports_ivars__?
- _inspect """
- \bullet and
- better_instance_information
- block_given?
- caller
- class
- class_defined?
- clear
- click
- click=
- clone
- define_singleton_method
- dig
- down
- dup
- \bullet enum_for
- eq1?
- equal?
- extend
- fail
- fast_rand
- format
- freeze
- frozen?
- getc
- gets
- global_variables
- has_focus
- has_focus=
- 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
- log
- log_info
- log_once
- log_once_info
- loop
- metadata_object_id
- 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=
- primitive?
- primitive_determined?
- print
- printf
- ullet private_methods
- proc
- protected_methods
- ullet public_methods
- purge_class
- puts
- putsc
- raise
- raise_error_with_kind_of_okay_message
- raise_immediately

- 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
- up
- up=
- x
- x=
- y
- y=
- yield_self