Namespace CnvAPI

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<u>ParametrizedSignalHandler</u>

/// Run for parametrized signals.

<u>SignalHandler</u>

Run for signals.

Interface ANIMO

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface ANIMO : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties

FILENAME

```
string FILENAME { init; }
```

Property Value

FPS

```
int FPS { init; }
```

Property Value

<u>int</u>♂

MONITORCOLLISIONALPHA

```
bool MONITORCOLLISIONALPHA { init; }
```

Property Value

bool ♂

MONITORCOLLISION_

```
bool MONITORCOLLISION_ { init; }
```

Property Value

bool ♂

PRELOAD

```
bool PRELOAD { init; }
```

Property Value

bool ₫

PRIORITY

```
int PRIORITY { init; }
```

Property Value

<u>int</u>♂

RELEASE

```
bool RELEASE { init; }
```

Property Value

TOCANVAS

```
bool TOCANVAS { init; }
```

Property Value

<u>bool</u> ♂

VISIBLE

```
bool VISIBLE { init; }
```

Property Value

<u>bool</u> ♂

Methods

GETCENTERX()

Retrieves the horizontal position of the center of the object.

```
int GETCENTERX()
```

Returns

<u>int</u>♂

Horizontal position of the object's center.

GETCENTERY()

```
int GETCENTERY()
Returns
<u>int</u>♂
GETCFRAMEINEVENT()
 int GETCFRAMEINEVENT()
Returns
<u>int</u>♂
GETCURRFRAMEPOSX()
 int GETCURRFRAMEPOSX()
Returns
<u>int</u>♂
GETCURRFRAMEPOSY()
 int GETCURRFRAMEPOSY()
Returns
```

Netuins

<u>int</u>♂

GETENDX()

```
int GETENDX()
Returns
<u>int</u>♂
GETENDY()
 int GETENDY()
Returns
<u>int</u>♂
GETEVENTNAME()
 string GETEVENTNAME()
Returns
GETFRAME()
 int GETFRAME()
Returns
```

GETFRAMENAME()

<u>int</u>♂

```
string GETFRAMENAME()
```

Returns

GETHEIGHT()

int GETHEIGHT()

Returns

<u>int</u>♂

GETMAXWIDTH()

int GETMAXWIDTH()

Returns

<u>int</u>♂

GETNOE()

int GETNOE()

Returns

<u>int</u>♂

GETNOF()

```
int GETNOF()
```

Returns

<u>int</u>♂

GETNOFINEVENT(string)

```
int GETNOFINEVENT(string event_name)
```

Parameters

Returns

 $\underline{int} \, {\mathbin{\square}}$

GETOPACITY()

```
int GETOPACITY()
```

Returns

<u>int</u>♂

GETPOSITIONX()

```
int GETPOSITIONX()
```

Returns

<u>int</u>♂

GETPOSITIONY()

```
int GETPOSITIONY()
```

Returns

<u>int</u>♂

GETPRIORITY()

```
int GETPRIORITY()
```

Returns

<u>int</u>♂

GETWIDTH()

```
int GETWIDTH()
```

Returns

<u>int</u>♂

HIDE()

Hides the object.

```
void HIDE()
```

INVALIDATE()

```
void INVALIDATE()
```

ISAT()

```
bool ISAT()
```

Returns

bool ♂

ISNEAR(string, string)

Checks if the object is near the other one.

```
bool ISNEAR(string other, string iou_threshold)
```

Parameters

```
other <u>string</u> ♂
```

Another graphics object for which nearness with the current object is checked.

```
iou_threshold string
♂
```

Minimum IoU value to treat two objects as being near each other.

Returns

<u>bool</u> ♂

Boolean value indicating if objects are near each other.

ISPLAYING()

```
bool ISPLAYING()
```

Returns

bool₫

ISVISIBLE()

```
bool ISVISIBLE()
```

Returns

bool ♂

LOAD(string)

```
void LOAD(string filename)
```

Parameters

filename <u>string</u> <a>d

MERGEALPHA()

void MERGEALPHA()

MONITORCOLLISION(bool)

```
void MONITORCOLLISION(bool pixel_perfect)
```

Parameters

pixel_perfect bool do location

MOVE(int, int)

```
void MOVE(int x_offset, int y_offset)
```

Parameters

```
x_offset <u>int</u>

y_offset <u>int</u>

z
```

NEXT()

void NEXT()

NEXTFRAME()

```
void NEXTFRAME()
```

NPLAY()

void NPLAY()

PAUSE()

void PAUSE()

PLAY(int)

void PLAY(int event_index)

Parameters

event_index int♂

PLAY(string)

Plays animation event identified by name event_name.

```
void PLAY(string event_name)
```

Parameters

```
event_name string
```

The name of the animation event to play.

PREVFRAME()

```
void PREVFRAME()
```

REMOVEMONITORCOLLISION()

```
void REMOVEMONITORCOLLISION()
```

RESUME()

```
void RESUME()
```

SETANCHOR(anchor)

```
void SETANCHOR(anchor anchor)
```

Parameters

anchor anchor

SETASBUTTON(bool, bool)

```
void SETASBUTTON(bool as_button, bool with_cursor_pointer)
```

Parameters

```
as_button <u>bool</u> dr
```

with_cursor_pointer bool ♂

SETBACKWARD()

void SETBACKWARD()

SETCLIPPING()

void SETCLIPPING()

SETFORWARD()

void SETFORWARD()

SETFPS(int)

void SETFPS(int fps)

Parameters

fps <u>int</u>♂

SETFRAME(int)

```
void SETFRAME(int image_index)
```

Parameters

image_index <u>int</u> ✓

SETFRAME(string, int)

```
void SETFRAME(string event_name, int frame_index)
```

Parameters

event_name string

frame_index int♂

SETFRAMENAME(string)

```
void SETFRAMENAME(string frame_name)
```

Parameters

frame_name <u>string</u>♂

SETOPACITY(int)

void SETOPACITY(int opacity)

Parameters

opacity <u>int</u>♂

SETPOSITION(int, int)

```
void SETPOSITION(int x, int y)
Parameters
x <u>int</u>♂
y <u>int</u>♂
SETPRIORITY(int)
 void SETPRIORITY(int priority)
Parameters
priority <u>int</u>♂
SHOW()
 void SHOW()
STOP(bool)
 void STOP(bool emit_on_finished = true)
```

Parameters

 $\verb"emit_on_finished bool" \\$

Events ONCLICK

Event Type

<u>SignalHandler</u>

ONCOLLISION

event ParametrizedSignalHandler ONCOLLISION

Event Type

<u>ParametrizedSignalHandler</u>

ONFINISHED

Signal emitted when an animation event has finished playing.

event ParametrizedSignalHandler ONFINISHED

Event Type

<u>ParametrizedSignalHandler</u>

ONFOCUSOFF

event SignalHandler ONFOCUSOFF

Event Type

<u>SignalHandler</u>

ONFOCUSON

Event Type

<u>SignalHandler</u>

ONFRAMECHANGED

event ParametrizedSignalHandler ONFRAMECHANGED

Event Type

<u>ParametrizedSignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONRELEASE

event SignalHandler ONRELEASE

Event Type

<u>SignalHandler</u>

ONSIGNAL

event ParametrizedSignalHandler ONSIGNAL

Event Type

<u>ParametrizedSignalHandler</u>

ONSTARTED

event ParametrizedSignalHandler ONSTARTED

Event Type

<u>ParametrizedSignalHandler</u>

Interface APPLICATION

Namespace: CnvAPI
Assembly: CnvAPI.dll

public interface APPLICATION : OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties AUTHOR

```
string AUTHOR { init; }
```

Property Value

BLOOMOO_VERSION

```
string BLOOMOO_VERSION { init; }
```

Property Value

CREATIONTIME

```
string CREATIONTIME { init; }
```

Property Value

EPISODES

```
string EPISODES { init; }

Property Value

string ™
```

LASTMODIFYTIME

```
string LASTMODIFYTIME { init; }

Property Value

string♂
```

PATH

```
string PATH { init; }

Property Value

string♂
```

STARTWITH

```
string STARTWITH { init; }
```

Property Value

VERSION

```
string VERSION { init; }

Property Value

string♂
```

Methods

EXIT()

void EXIT()

GETLANGUAGE()

```
string GETLANGUAGE()
```

Returns

 $\underline{\text{string}}$

RUN(string, string, params variable[])

```
variable? RUN(string object_name, string method_name, params variable[] arguments)
```

Parameters

```
object_name <u>string</u>♂
method_name <u>string</u>♂
```

arguments variable[]

Returns

variable

RUNENV(string, string)

variable? RUNENV(string scene_name, string beh_name)

Parameters

scene_name string ☐

beh_name string <a>d

Returns

variable

SETLANGUAGE(string)

void SETLANGUAGE(string lang_id)

Parameters

lang_id <u>string</u> <a>d

Interface ARRAY

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface ARRAY: OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Methods

ADD()

void ADD()

ADDAT(int, variable)

void ADDAT(int index, variable summand)

Parameters

index <u>int</u>♂

summand variable

CHANGEAT(int, variable)

void CHANGEAT(int index, variable value)

Parameters

```
index <u>int</u>

value <u>variable</u>
```

CLAMPAT(int, variable, variable)

void CLAMPAT(int index, variable min, variable max)

Parameters

index <u>int</u>♂

min <u>variable</u>

max <u>variable</u>

CONTAINS(variable)

void CONTAINS(variable value)

Parameters

value variable

COPYTO()

void COPYTO()

FIND()

void FIND()

GET(int)

```
void GET(int index)
Parameters
index <u>int</u>♂
GETSIZE()
 void GETSIZE()
GETSUMVALUE()
 void GETSUMVALUE()
INSERTAT(int, variable)
 void INSERTAT(int index, variable value)
Parameters
index <u>int</u>♂
value variable
LOAD()
```

void LOAD()

LOADINI()

void LOADINI()

MODAT()

```
void MODAT()
```

MULAT()

void MULAT()

REMOVE()

void REMOVE()

REMOVEALL()

void REMOVEALL()

REMOVEAT()

void REMOVEAT()

REVERSEFIND()

void REVERSEFIND()

SAVE()

void SAVE()

SAVEINI()

```
void SAVEINI()
```

SUB()

void SUB()

SUBAT()

void SUBAT()

SUM()

void SUM()

Interface BEHAVIOUR

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface BEHAVIOUR: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

CODE

```
string CODE { init; }
```

Property Value

 $\underline{\text{string}}$

CONDITION

```
string CONDITION { init; }
```

Property Value

Methods

RUN(params variable[])

```
variable? RUN(params variable[] arguments)
Parameters
arguments variable[]
Returns
variable
RUNC(params variable[])
 variable? RUNC(params variable[] arguments)
Parameters
arguments variable[]
Returns
variable
RUNLOOPED(int, int, int)
 void RUNLOOPED(int start, int range_size, int step = 1)
```

```
Void RUNLOUPED(int start, int range_size, int step = 1)
```

Parameters

start <u>int</u>♂

range_size <u>int</u>♂

step <u>int</u>♂

Interface BOOL

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface BOOL : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

TOINI

```
bool TOINI { init; }
```

Property Value

VALUE

```
bool VALUE { init; }
```

Property Value

<u>bool</u> ♂

Methods

SET(bool)

Sets the value of the object to value.

```
void SET(bool value)
```

Parameters

```
value bool♂
```

New value for the object.

SWITCH(bool, bool)

Switches the value of the object between TRUE and FALSE.

```
void SWITCH(bool _unused1, bool _unused2)
```

Parameters

_unused1 <u>bool</u> d

Unused.

_unused2 bool d

Unused.

Events

ONBRUTALCHANGED

event ParametrizedSignalHandler ONBRUTALCHANGED

Event Type

<u>ParametrizedSignalHandler</u>

ONCHANGED

event ParametrizedSignalHandler ONCHANGED

Event Type

<u>ParametrizedSignalHandler</u>

Interface BUTTON

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface BUTTON : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties DRAGGABLE

```
bool DRAGGABLE { init; }
```

Property Value

ENABLE

```
bool ENABLE_ { init; }
```

Property Value

bool ₫

GFXONCLICK

```
string GFXONCLICK { init; }
```

GFXONMOVE

```
string GFXONMOVE { init; }

Property Value

string♂
```

GFXSTANDARD

```
string GFXSTANDARD { init; }

Property Value

string♂
```

RECT

```
rect RECT { init; }
```

Property Value

<u>rect</u>

SNDONMOVE

```
string SNDONMOVE { init; }
```

Property Value

Methods DISABLE()

void DISABLE()

DISABLEBUTVISIBLE()

void DISABLEBUTVISIBLE()

ENABLE()

void ENABLE()

GETSTD()

string GETSTD()

Returns

 $\underline{string} \, \underline{\square}$

SETONCLICK(string)

void SETONCLICK(string object_name)

Parameters

object_name <u>string</u>♂

SETONMOVE(string)

```
void SETONMOVE(string object_name)
```

Parameters

object_name <u>string</u>♂

SETPRIORITY(int)

```
void SETPRIORITY(int priority)
```

Parameters

priority <u>int</u>♂

SETRECT(int, int, int, int)

```
void SETRECT(int left_x, int top_y, int right_x, int bottom_y)
```

Parameters

```
left_x <u>int</u>♂
```

top_y <u>int</u>♂

right_x <u>int</u>♂

bottom_y \underline{int}

SETRECT(string)

```
void SETRECT(string object_name)
```

Parameters

SETSTD(string)

void SETSTD(string object_name)

Parameters

object_name <u>string</u>♂

Events ONACTION

event SignalHandler ONACTION

Event Type

<u>SignalHandler</u>

ONCLICKED

event SignalHandler ONCLICKED

Event Type

<u>SignalHandler</u>

ONDRAGGING

event SignalHandler ONDRAGGING

Event Type

<u>SignalHandler</u>

ONENDDRAGGING

event SignalHandler ONENDDRAGGING

Event Type

<u>SignalHandler</u>

ONFOCUSOFF

event SignalHandler ONFOCUSOFF

Event Type

<u>SignalHandler</u>

ONFOCUSON

event SignalHandler ONFOCUSON

Event Type

<u>SignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONRELEASED

event SignalHandler ONRELEASED

Event Type

<u>SignalHandler</u>

ONSTARTDRAGGING

event SignalHandler ONSTARTDRAGGING

Event Type

<u>SignalHandler</u>

Class BoolVariable

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public record BoolVariable : variable, IEquatable<variable>,
IEquatable<BoolVariable>
```

Inheritance

<u>object</u> ← <u>variable</u> ← BoolVariable

Implements

<u>IEquatable</u> < <u>variable</u> >, <u>IEquatable</u> < <u>BoolVariable</u> >

Inherited Members

<u>object.Equals(object)</u> <u>object.Equals(object, object)</u> <u>object.GetHashCode()</u> , <u>object.GetType()</u> , <u>object.MemberwiseClone()</u> , <u>object.ReferenceEquals(object, object)</u> , <u>object.ToString()</u> .

Constructors

BoolVariable(bool)

```
public BoolVariable(bool value)
```

Parameters

value <u>bool</u> ♂

Properties

value

```
public bool value { get; init; }
```

Property Value

<u>bool</u>♂

Interface CANVAS_OBSERVER

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface CANVAS_OBSERVER : OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Methods

ADD()

void ADD()

ENABLENOTIFY()

void ENABLENOTIFY()

GETGRAPHICSAT(int, int)

string? GETGRAPHICSAT(int x_position, int y_position)

Parameters

x_position <u>int</u>♂

y_position <u>int</u>♂

Returns

GETGRAPHICSAT(int, int, bool, int, int, bool)

```
string? GETGRAPHICSAT(int x_position, int y_position, bool _unknown, int
min_priority, int max_priority, bool pixel_perfect)
Parameters
```

```
x_position intd

y_position intd

_unknown boold

min_priority intd

max_priority intd

pixel_perfect boold
```

Returns

 $\underline{\text{string}}$

MOVEBKG(int, int)

```
void MOVEBKG(int x_offset, int y_offset)
```

Parameters

```
x_offset <u>int</u>♂
y_offset <u>int</u>♂
```

PASTE()

```
void PASTE()
```

REDRAW()

void REDRAW()

REFRESH()

void REFRESH()

REMOVE()

void REMOVE()

SAVE(string)

void SAVE(string filename)

Parameters

SETBACKGROUND(string)

void SETBACKGROUND(string object_name_or_filename)

Parameters

object_name_or_filename string ≥

SETBKGPOS(int, int)

```
void SETBKGPOS(int x, int y)
```

Parameters

- x <u>int</u>♂
- y <u>int</u>♂

Events

ONWINDOWFOCUSOFF

event ParametrizedSignalHandler ONWINDOWFOCUSOFF

Event Type

<u>ParametrizedSignalHandler</u>

ONWINDOWFOCUSON

event ParametrizedSignalHandler ONWINDOWFOCUSON

Event Type

<u>ParametrizedSignalHandler</u>

Interface CLASS

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

```
public interface CLASS: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

BASE

```
string BASE { init; }

Property Value

string♂
```

DEF

```
string DEF { init; }
```

Property Value

Methods

NEW(string, params variable[])

void NEW(string object_name, params variable[] arguments)

Parameters

object_name <u>string</u>♂

arguments <u>variable[]</u>

Interface CNVLOADER

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface CNVLOADER: OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Methods LOAD()

void LOAD()

RELEASE()

void RELEASE()

Interface COMPLEXCONDITION

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface COMPLEXCONDITION : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

CONDITION1

```
string CONDITION1 { init; }
```

Property Value

 \underline{string}

CONDITION2

```
string CONDITION2 { init; }
```

Property Value

OPERATOR

```
complex_operator OPERATOR { init; }
```

Property Value

complex_operator

Methods BREAK(bool)

```
void BREAK(bool _)
```

Parameters

_ bool ♂

CHECK(bool)

```
bool CHECK(bool _)
```

Parameters

_ bool ♂

Returns

<u>bool</u> ♂

ONE_BREAK(bool)

```
void ONE_BREAK(bool _)
```

Parameters

_ bool ♂

Events ONRUNTIMEFAILED

event SignalHandler ONRUNTIMEFAILED

Event Type

<u>SignalHandler</u>

ONRUNTIMESUCCESS

event SignalHandler ONRUNTIMESUCCESS

Event Type

<u>SignalHandler</u>

Interface CONDITION

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface CONDITION : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

```
OPERAND1
```

```
string OPERAND1 { init; }
```

Property Value

 $\underline{\text{string}}$

OPERAND2

```
string OPERAND2 { init; }
```

Property Value

OPERATOR

```
condition_operator OPERATOR { init; }
```

Property Value

condition_operator

Methods BREAK(bool)

```
void BREAK(bool _)
```

Parameters

_ bool₫

CHECK(bool)

```
bool CHECK(bool _)
```

Parameters

_ <u>bool</u>♂

Returns

<u>bool</u> ♂

ONE_BREAK(bool)

```
void ONE_BREAK(bool _)
```

Parameters

_ bool ♂

Events ONRUNTIMEFAILED

event SignalHandler ONRUNTIMEFAILED

Event Type

<u>SignalHandler</u>

ONRUNTIMESUCCESS

event SignalHandler ONRUNTIMESUCCESS

Event Type

<u>SignalHandler</u>

Interface DATABASE

Assembly: CnvAPI.dll

```
public interface DATABASE : OBJECT
```

Inherited Members

Namespace: CnvAPI

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties MODEL

```
string MODEL { init; }
```

Property Value

 \underline{string}

Methods

ADD(string)

```
void ADD(string object_name)
```

Parameters

FIND(string, variable, int)

```
int FIND(string column_name, variable value, int start_row_index)

Parameters

column_name string@

value variable

start_row_index int@

Returns

int@
```

GETCURSORPOS()

int GETCURSORPOS()

Returns

<u>int</u>♂

GETROWSNO()

int GETROWSNO()

Returns

<u>int</u>♂

LOAD(string)

void LOAD(string filename)

Parameters

NEXT()

```
void NEXT()
```

REMOVEALL()

```
void REMOVEALL()
```

SAVE(string)

```
void SAVE(string filename)
```

Parameters

filename <u>string</u> ♂

SELECT(int)

```
void SELECT(int row_index)
```

Parameters

row_index int♂

Interface DOUBLE

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface DOUBLE : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

TOINI

```
bool TOINI { init; }
```

Property Value

VALUE

```
double VALUE { init; }
```

Property Value

Methods

ADD(double)

```
double ADD(double summand)
Parameters
summand <u>double</u>♂
Returns
ARCTAN(double)
 double ARCTAN(double degrees)
Parameters
degrees <u>double</u>♂
Returns
<u>double</u> ♂
ARCTANEX(double, double, int)
 double ARCTANEX(double y, double x, int summand = 0)
Parameters
y <u>double</u>♂
x <u>double</u>♂
summand int♂
```

Returns

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CLAMP(double, double)

double CLAMP(double min, double max)

Parameters

min <u>double</u>♂

max <u>double</u>♂

Returns

COSINUS(double)

double COSINUS(double degrees)

Parameters

degrees <u>double</u>♂

Returns

<u>double</u> ♂

DIV(double)

void DIV(double divisor)

Parameters

divisor <u>double</u>♂

LENGTH(double, double)

double LENGTH(double horizontal_distance, double vertical_distance)

Parameters

horizontal_distance double do

vertical_distance double ☑

Returns

MAXA(params double[])

double MAXA(params double[] values)

Parameters

values <u>double</u> []

Returns

MINA(params double[])

double MINA(params double[] values)

Parameters

values <u>double</u> []

Returns

double₫

MUL(double)

```
void MUL(double multiplier)
```

Parameters

multiplier <u>double</u>♂

SET(double)

```
void SET(double value)
```

Parameters

value double♂

SINUS(double)

```
double SINUS(double degrees)
```

Parameters

degrees <u>double</u>♂

Returns

SQRT()

```
double SQRT()
```

Returns

<u>double</u>♂

SUB(double)

double SUB(double subtrahend)

Parameters

subtrahend <u>double</u>♂

Returns

Class DoubleVariable

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public record DoubleVariable : variable, IEquatable<variable>,
IEquatable<DoubleVariable>
```

Inheritance

<u>object</u> d ← <u>variable</u> ← DoubleVariable

Implements

<u>IEquatable</u> ≥ < <u>variable</u> > , <u>IEquatable</u> ≥ < <u>Double Variable</u> >

Inherited Members

<u>object.Equals(object)</u> <u>object.Equals(object, object)</u> <u>object.GetHashCode()</u> , <u>object.GetType()</u> , <u>object.MemberwiseClone()</u> , <u>object.ReferenceEquals(object, object)</u> , <u>object.ToString()</u> .

Constructors

DoubleVariable(double)

public DoubleVariable(double value)

Parameters

value doubled

Properties

value

```
public double value { get; init; }
```

Property Value

<u>double</u>♂

Interface EPISODE

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface EPISODE : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

AUTHOR

string AUTHOR { init; }

Property Value

 $\underline{\text{string}}$

CREATIONTIME

```
string CREATIONTIME { init; }
```

Property Value

LASTMODIFYTIME

```
string LASTMODIFYTIME { init; }
```

Property Value

```
\underline{\mathsf{string}} \, {}_{\square}
```

PATH

```
string PATH { init; }
Property Value
```

SCENES

```
string[] SCENES { init; }
```

Property Value

string []

STARTWITH

```
string STARTWITH { init; }
```

Property Value

VERSION

```
string VERSION { init; }
```

Property Value

Methods BACK()

void BACK()

GETCURRENTSCENE()

string GETCURRENTSCENE()

Returns

GETLATESTSCENE()

string GETLATESTSCENE()

Returns

 $\underline{\text{string}}$

GOTO(string)

void GOTO(string scene_name)

Parameters

scene_name <u>string</u>♂

Interface EXPRESSION

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface EXPRESSION: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

```
OPERAND1
```

```
string OPERAND1 { init; }
```

Property Value

 $\underline{\text{string}}$

OPERAND2

```
string OPERAND2 { init; }
```

Property Value

OPERATOR

```
expression_operator OPERATOR { init; }
```

Property Value

expression_operator

Interface FILTER

Namespace: CnvAPI Assembly: CnvAPI.dll

```
public interface FILTER: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.MSGBOX(string), OBJECT.REMOVEBEHAVIOUR(string), OBJECT.RESETCLONES().

Properties ACTION

string ACTION { init; }

Property Value

Interface FONT

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface FONT : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

DEF_family_style_size

```
string DEF_family_style_size { init; }
```

Property Value

Interface GROUP

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface GROUP: OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Methods

ADD(string)

void ADD(string object_name)

Parameters

object_name <u>string</u>♂

ADDCLONES()

void ADDCLONES()

GETSIZE()

void GETSIZE()

NEXT()

```
void NEXT()
```

PREV()

void PREV()

REMOVE(string)

void REMOVE(string object_name)

Parameters

object_name <u>string</u>♂

REMOVEALL()

void REMOVEALL()

RESETMARKER()

void RESETMARKER()

SETMARKERPOS(int)

void SETMARKERPOS(int index)

Parameters

index <u>int</u>♂

Events

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

Interface IMAGE

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface IMAGE : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

FILENAME

```
string FILENAME { init; }
```

Property Value

 $\underline{\text{string}}$

MONITORCOLLISION

```
bool MONITORCOLLISION { init; }
```

Property Value

bool₫

MONITORCOLLISIONALPHA

```
bool MONITORCOLLISIONALPHA { init; }
```

Property Value

bool ♂

PRELOAD

```
bool PRELOAD { init; }
```

Property Value

bool ♂

PRIORITY

```
int PRIORITY { init; }
```

Property Value

<u>int</u>♂

RELEASE

```
bool RELEASE { init; }
```

Property Value

<u>bool</u> ♂

TOCANVAS

```
bool TOCANVAS { init; }
```

Property Value

VISIBLE

```
bool VISIBLE { init; }
```

Property Value

<u>bool</u> ♂

Methods GETALPHA()

```
void GETALPHA()
```

GETHEIGHT()

```
void GETHEIGHT()
```

GETPIXEL()

```
void GETPIXEL()
```

GETPOSITIONX()

void GETPOSITIONX()

GETPOSITIONY()

```
void GETPOSITIONY()
```

GETWIDTH()

```
void GETWIDTH()
```

HIDE()

void HIDE()

INVALIDATE()

void INVALIDATE()

ISVISIBLE()

void ISVISIBLE()

LOAD()

void LOAD()

MERGEALPHA(int, int, string)

void MERGEALPHA(int x_offset, int y_offset, string object_name)

Parameters

```
x_offset <u>int</u>♂
y_offset int♂
object_name <u>string</u>♂
MOVE(int, int)
 void MOVE(int x_offset, int y_offset)
Parameters
x_offset <u>int</u>♂
y_offset int♂
SETASBUTTON()
 void SETASBUTTON()
SETCLIPPING(int, int, int, int)
 void SETCLIPPING(int left_x, int top_y, int _width, int _height)
Parameters
left_x <u>int</u>♂
top_y <u>int</u>♂
_width <u>int</u>♂
_height <u>int</u>♂
```

SETOPACITY()

```
void SETOPACITY()
```

SETPOSITION(int, int)

```
void SETPOSITION(int x, int y)
```

Parameters

x <u>int</u>♂

y <u>int</u>♂

SETPRIORITY()

```
void SETPRIORITY()
```

SHOW()

void SHOW()

Events

ONCLICK

event SignalHandler ONCLICK

Event Type

<u>SignalHandler</u>

ONFOCUSOFF

Event Type

<u>SignalHandler</u>

ONFOCUSON

event SignalHandler ONFOCUSON

Event Type

<u>SignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

Interface INERTIA

```
Namespace: <a href="Mailto:CnvAPI">CnvAPI</a>
Assembly: <a href="CnvAPI">CnvAPI</a>. <a href="Mailto:CnvAPI">CnvAPI</a>. <a href="Mailto:C
```

Inherited Members

<u>OBJECT.DESCRIPTION</u>, <u>OBJECT.TYPE</u>, <u>OBJECT.ADDBEHAVIOUR(string, string)</u>, <u>OBJECT.CLONE(int)</u>, <u>OBJECT.GETCLONEINDEX()</u>, <u>OBJECT.GETNAME()</u>, <u>OBJECT.MSGBOX(string)</u>, <u>OBJECT.REMOVEBEHAVIOUR(string)</u>, <u>OBJECT.RESETCLONES()</u>

Methods

ADDFORCE(int, double, double)

```
void ADDFORCE(int id, double x, double y)
```

Parameters

 $id \ \underline{int} \square$

x <u>double</u> ☑

CREATESPHERE(double, double, double, double)

```
int CREATESPHERE(double _1, double _2, double _3, double _4)
```

Parameters

_1 double ☑

2 double ♂

```
_3 double ♂
_4 <u>double</u>♂
Returns
<u>int</u>♂
DELETEBODY(int)
 void DELETEBODY(int id)
Parameters
id <u>int</u>♂
GETPOSITIONX(int)
 double GETPOSITIONX(int id)
Parameters
id <u>int</u>♂
Returns
<u>double</u> ☑
GETPOSITIONY(int)
```

double GETPOSITIONY(int id)

Parameters

id <u>int</u>♂

Returns

GETSPEED(int)

```
double GETSPEED(int id)
```

Parameters

id <u>int</u>♂

Returns

<u>double</u> ♂

LINK(int, string, bool, bool)

```
void LINK(int id, string object_name, bool _1, bool _2)
```

Parameters

```
id <u>int</u>♂
```

object_name <u>string</u>♂

```
_1 bool ♂
```

_2 bool ♂

LOAD(string)

```
void LOAD(string filename)
```

Parameters

RESETTIMER()

```
void RESETTIMER()
```

SETGRAVITY(double, double)

```
void SETGRAVITY(double x, double y)
```

Parameters

- x <u>double</u> ♂
- y <u>double</u>♂

SETLINEARDAMPING(double, double)

```
void SETLINEARDAMPING(double x, double y)
```

Parameters

- x <u>double</u> ♂
- y <u>double</u>♂

SETMATERIAL(int, string)

```
void SETMATERIAL(int id, string material_name)
```

Parameters

id <u>int</u>♂

SETPOSITION(int, double, double)

```
void SETPOSITION(int id, double x, double y)

Parameters

id int

x double

y double
```

SETVELOCITY(int, double, double)

```
void SETVELOCITY(int id, double x, double y)
```

Parameters

x <u>double</u> ✓

id <u>int</u>♂

TICK()

void TICK()

UNLINK(int)

void UNLINK(int id)

Parameters

 $\text{id}\ \underline{\text{int}} \, {}^{\underline{\square}}$

Interface INTEGER

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface INTEGER : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

TOINI

```
bool TOINI { init; }
```

Property Value

VALUE

```
int VALUE { init; }
```

Property Value

<u>int</u>♂

VARTYPE

```
string VARTYPE { init; }
```

Property Value

Methods

ABS(int)

Sets the modulus of value as the value of the object.

```
int ABS(int value)
```

Parameters

value <u>int</u>♂

The value of which modulus is to be set as the value of the object.

Returns

<u>int</u>♂

ADD(int)

```
int ADD(int summand)
```

Parameters

summand <u>int</u>♂

Returns

<u>int</u>♂

AND(int)

```
int AND(int operand)
Parameters
operand <u>int</u>♂
Returns
<u>int</u>♂
CLAMP(int, int)
 int CLAMP(int min, int max)
Parameters
min <u>int</u>♂
max <u>int</u>♂
Returns
<u>int</u>♂
DEC()
 void DEC()
DIV(int)
 void DIV(int divisor)
Parameters
```

divisor <u>int</u>♂

```
INC()
```

```
void INC()
```

LENGTH(int, int)

```
int LENGTH(int horizontal_distance, int vertical_distance)
```

Parameters

```
horizontal_distance int♂
```

vertical_distance int♂

Returns

<u>int</u>♂

MOD(int)

```
void MOD(int divisor)
```

Parameters

divisor <u>int</u>♂

MUL(int)

```
void MUL(int multiplier)
```

Parameters

multiplier <u>int</u>♂

OR(int)

```
int OR(int operand)
```

Parameters

operand <u>int</u>♂

Returns

<u>int</u>♂

RANDOM(int)

```
int RANDOM(int max_exclusive)
```

Parameters

max_exclusive int♂

Returns

<u>int</u>♂

RANDOM(int, int)

```
int RANDOM(int summand, int max_exclusive)
```

Parameters

summand <u>int</u>♂

max_exclusive int♂

Returns

<u>int</u>♂

RESETINI()

```
void RESETINI()
```

SET(int)

```
void SET(int value)
```

Parameters

value <u>int</u>♂

SUB(int)

```
int SUB(int subtrahend)
```

Parameters

subtrahend <u>int</u>d

Returns

<u>int</u>♂

SWITCH(int, int)

```
void SWITCH(int value1, int value2)
```

Parameters

value1 <u>int</u>♂

value2 <u>int</u>♂

Events ONBRUTALCHANGED

event ParametrizedSignalHandler ONBRUTALCHANGED

Event Type

<u>ParametrizedSignalHandler</u>

ONCHANGED

event ParametrizedSignalHandler ONCHANGED

Event Type

<u>ParametrizedSignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONSIGNAL

event ParametrizedSignalHandler ONSIGNAL

Event Type

<u>ParametrizedSignalHandler</u>

Class IntVariable

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public record IntVariable : variable, IEquatable<variable>, IEquatable<IntVariable>

Inheritance

<u>object</u> < <u>variable</u> ← IntVariable

Implements

<u>IEquatable</u> < <u>variable</u> >, <u>IEquatable</u> ♂ < <u>IntVariable</u> >

Inherited Members

<u>object.Equals(object)</u> <u>object.Equals(object, object)</u> <u>object.GetHashCode()</u> , <u>object.GetType()</u> , <u>object.MemberwiseClone()</u> , <u>object.ReferenceEquals(object, object)</u> , <u>object.ToString()</u> .

Constructors

IntVariable(int)

public IntVariable(int value)

Parameters

value int♂

Properties

value

```
public int value { get; init; }
```

Property Value

Interface KEYBOARD

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface KEYBOARD : OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Methods

DISABLE()

void DISABLE()

ENABLE()

void ENABLE()

GETLATESTKEY()

void GETLATESTKEY()

ISENABLED()

bool ISENABLED()

Returns

ISKEYDOWN()

bool ISKEYDOWN()

Returns

<u>bool</u> ♂

SETAUTOREPEAT()

void SETAUTOREPEAT()

Events

ONCHAR

event ParametrizedSignalHandler ONCHAR

Event Type

<u>ParametrizedSignalHandler</u>

ONKEYDOWN

event SignalHandler ONKEYDOWN

Event Type

<u>SignalHandler</u>

ONKEYUP

event SignalHandler ONKEYUP

Event Type

<u>SignalHandler</u>

Class LiteralRect

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

```
public record LiteralRect : rect, IEquatable<rect>, IEquatable<LiteralRect>
```

Inheritance

<u>object</u> ∠ ← <u>rect</u> ← LiteralRect

Implements

<u>IEquatable</u> ♂ < <u>rect</u>>, <u>IEquatable</u> ♂ < <u>LiteralRect</u>>

Inherited Members

Constructors

LiteralRect(int, int, int, int)

```
public LiteralRect(int left_x, int top_y, int right_x, int bottom_y)
```

Parameters

```
left_x int♂

top_y int♂

right_x int♂

bottom_y int♂
```

Properties

bottom_y

```
public int bottom_y { get; init; }
Property Value
<u>int</u>♂
left_x
 public int left_x { get; init; }
Property Value
<u>int</u>♂
right_x
 public int right_x { get; init; }
Property Value
<u>int</u>♂
top_y
 public int top_y { get; init; }
Property Value
<u>int</u>♂
```

Interface MATRIX

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface MATRIX : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties BASEPOS

```
DASEPUS
```

```
(int, int) BASEPOS { init; }
Property Value
(int♂, int♂)
```

CELLHEIGHT

```
int CELLHEIGHT { init; }
```

Property Value

<u>int</u>♂

CELLWIDTH

```
int CELLWIDTH { init; }
```

```
<u>int</u>♂
```

SIZE

```
(int, int) SIZE { init; }
Property Value
(int♂, int♂)
```

Methods

CALCENEMYMOVEDEST(int, int)

```
int CALCENEMYMOVEDEST(int current_cell, int current_direction)
```

Parameters

```
current_cell intd
current_direction intd
```

Returns

<u>int</u>♂

CALCENEMYMOVEDIR(int, int)

```
int CALCENEMYMOVEDIR(int current_cell, int current_direction)
```

Parameters

```
current_cell int♂
```

```
current_direction int♂
Returns
<u>int</u>♂
CANHEROGOTO(int)
 bool CANHEROGOTO(int cell_index)
Parameters
cell_index int♂
Returns
bool ♂
GET(int)
 int GET(int cell_index)
Parameters
cell_index int♂
Returns
<u>int</u>♂
GETCELLOFFSET(int, int)
```

```
int GETCELLOFFSET(int x, int y)
```

Parameters

```
x <u>int</u>♂
y <u>int</u>♂
Returns
<u>int</u>♂
GETCELLPOSX(int)
 int GETCELLPOSX(int cell_index)
Parameters
cell_index int♂
Returns
<u>int</u>♂
GETCELLPOSY(int)
 int GETCELLPOSY(int cell_index)
Parameters
cell_index int♂
Returns
<u>int</u>♂
```

GETCELLSNO(int)

```
int GETCELLSNO(int cell_type)
```

Parameters cell_type int♂ Returns <u>int</u>♂ GETFIELDPOSX(int) int GETFIELDPOSX(int cell_index) Parameters cell_index int♂ Returns <u>int</u>♂ GETFIELDPOSY(int) int GETFIELDPOSY(int cell_index) **Parameters** cell_index <u>int</u>♂ Returns <u>int</u>♂

GETOFFSET(int, int)

```
int GETOFFSET(int x, int y)
```

Parameters x <u>int</u>♂ y <u>int</u>♂ Returns <u>int</u>♂ ISGATEEMPTY() bool ISGATEEMPTY() Returns bool ♂ ISINGATE(int) bool ISINGATE(int _) Parameters _ <u>int</u>♂ Returns <u>bool</u> ☑ MOVE(int, int)

Parameters

void MOVE(int _, int _2)

```
__ <u>int</u>♂
_2 <u>int</u>♂
NEXT()
 int NEXT()
Returns
<u>int</u>♂
SET(int, int)
 void SET(int cell_index, int cell_type)
Parameters
cell_index int♂
cell_type int♂
SETGATE(int, int, int, int)
 void SETGATE(int _, int _2, int _3, int _4)
Parameters
__ <u>int</u>♂
_2 <u>int</u> 🗹
_3 <u>int</u>♂
_4 <u>int</u>♂
```

SETROW(int, params int[])

```
void SETROW(int row_index, params int[] cell_types)
Parameters
```

```
row_index int♂
cell_types <u>int</u> []
```

TICK()

void TICK()

Events

ONLATEST

event SignalHandler ONLATEST

Event Type

<u>SignalHandler</u>

ONNEXT

event SignalHandler ONNEXT

Event Type

<u>SignalHandler</u>

Interface MOUSE

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface MOUSE: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties

RAW

```
int? RAW { init; }
```

Property Value

int♂?

Methods

DISABLE()

void DISABLE()

DISABLESIGNAL()

void DISABLESIGNAL()

ENABLE()

```
void ENABLE()
```

ENABLESIGNAL()

```
void ENABLESIGNAL()
```

GETPOSX()

```
int GETPOSX()
```

Returns

<u>int</u>♂

GETPOSY()

```
int GETPOSY()
```

Returns

<u>int</u>♂

HIDE()

void HIDE()

ISLBUTTONDOWN()

```
bool ISLBUTTONDOWN()
```

Returns

```
<u>bool</u> ♂
```

SET()

```
void SET()
```

SETCLIPRECT()

```
void SETCLIPRECT()
```

SETPOSITION(int, int)

```
void SETPOSITION(int x, int y)
```

Parameters

x <u>int</u>♂

y <u>int</u>♂

SHOW()

```
void SHOW()
```

Events

ONCLICK

event ParametrizedSignalHandler ONCLICK

Event Type

<u>ParametrizedSignalHandler</u>

ONDBLCLICK

event SignalHandler ONDBLCLICK

Event Type

<u>SignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONMOVE

event SignalHandler ONMOVE

Event Type

<u>SignalHandler</u>

ONRELEASE

event SignalHandler ONRELEASE

Event Type

<u>SignalHandler</u>

Interface MULTIARRAY

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface MULTIARRAY: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties DIMENSIONS

```
int DIMENSIONS { init; }
```

Property Value

<u>int</u>♂

Methods

GET(params int[])

```
variable? GET(params int[] indices)
```

Parameters

indices <u>int</u> []

Returns

variable

SET(variable, params int[])

void SET(variable value, params int[] indices)

Parameters

value <u>variable</u>

indices <u>int</u>♂[]

Interface MUSIC

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface MUSIC : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties

FILENAME

```
string FILENAME { init; }
```

Property Value

 $\underline{\text{string}}$

Methods

PLAY()

void PLAY()

Interface OBJECT

```
Namespace: <a href="mailto:CnvAPI">CnvAPI</a>
Assembly: <a href="mailto:CnvAPI">CnvAPI</a>.dll

<a href="mailto:public interface OBJECT">public interface OBJECT</a>
```

Properties DESCRIPTION

```
string DESCRIPTION { init; }

Property Value

string

**Tring**

*
```

TYPE

```
string TYPE { init; }

Property Value

string

**TYPE { init; }

**Property Value**

**TYPE { init; }

**TYPE { in
```

Methods

ADDBEHAVIOUR(string, string)

```
void ADDBEHAVIOUR(string signal_name, string code)
```

Parameters

```
signal_name <u>string</u>♂
code <u>string</u>♂
```

CLONE(int)

```
void CLONE(int count = 1)
```

Parameters

count int♂

GETCLONEINDEX()

```
int GETCLONEINDEX()
```

Returns

<u>int</u>♂

GETNAME()

```
string GETNAME()
```

Returns

MSGBOX(string)

void MSGBOX(string message)

Parameters

REMOVEBEHAVIOUR(string)

void REMOVEBEHAVIOUR(string signal_name)

Parameters

signal_name <u>string</u>♂

RESETCLONES()

void RESETCLONES()

Interface PATTERN

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface PATTERN : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties GRIDX

```
int GRIDX { init; }
```

Property Value

<u>int</u>♂

GRIDY

```
int GRIDY { init; }
```

Property Value

<u>int</u>♂

HEIGHT

```
int HEIGHT { init; }
```

Property Value

<u>int</u>♂

LAYERS

```
int LAYERS { init; }
```

Property Value

<u>int</u>♂

PRIORITY

```
int PRIORITY { init; }
```

Property Value

<u>int</u>♂

TOCANVAS

```
bool TOCANVAS { init; }
```

Property Value

<u>bool</u> ♂

VISIBLE

```
bool VISIBLE { init; }
```

Property Value

WIDTH

```
int WIDTH { init; }
Property Value
int♂
```

Methods

ADD(string, int, int, string, int)

```
void ADD(string _, int x, int y, string object_name, int _2)

Parameters
_ string
x int
y int
object_name string
_ 2 int
```

GETGRAPHICSAT(int, int, bool, bool, int)

```
string GETGRAPHICSAT(int x, int y, bool _, bool _2, int _3)
```

Parameters

x <u>int</u>♂

y <u>int</u>♂

- _ bool ♂
- _2 <u>bool</u>♂
- _3 <u>int</u>♂

Returns

MOVE(int, int)

void MOVE(int x, int y)

Parameters

- x <u>int</u>♂
- y <u>int</u>♂

Delegate ParametrizedSignalHandler

```
Namespace: CnvAPI
Assembly: CnvAPI.dll

/// Run for parametrized signals.

public delegate void ParametrizedSignalHandler(string parameter, params variable[] arguments)

Parameters

parameter string

/// Run for parametrized signals.

arguments variable[]

/// Run for parametrized signals.
```

Interface RAND

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface RAND : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Methods

```
GET(int)
```

```
int GET(int max_exclusive)
```

Parameters

max_exclusive int♂

Returns

<u>int</u>♂

GET(int, int)

```
int GET(int summand, int max_exclusive)
```

Parameters

summand <u>int</u> ♂

max_exclusive int♂

Returns

<u>int</u>♂

GETPLENTY(string, int, int, bool)

```
void GETPLENTY(string arr_name, int _, int _2, int _3, bool _4)
```

Parameters

arr_name <u>string</u>♂

- _ <u>int</u>♂
- _2 <u>int</u> 🗹
- _3 <u>int</u>♂
- _4 <u>bool</u> ♂

Class ReferenceRect

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public record ReferenceRect : rect, IEquatable<rect>, IEquatable<ReferenceRect>

Inheritance

Implements

<u>IEquatable</u> ♂<<u>rect</u>>, <u>IEquatable</u> ♂<<u>ReferenceRect</u>>

Inherited Members

<u>object.Equals(object)</u> <u>object.Equals(object, object)</u> <u>object.GetHashCode()</u> , <u>object.GetType()</u> , <u>object.MemberwiseClone()</u> , <u>object.ReferenceEquals(object, object)</u> , <u>object.ToString()</u> .

Constructors

ReferenceRect(string)

public ReferenceRect(string object_name)

Parameters

object_name <u>string</u>♂

Properties

object name

```
public string object_name { get; init; }
```

Property Value

Interface SCENE

Namespace: <u>CnvAPI</u> Assembly: CnvAPI.dll

```
public interface SCENE : OBJECT
```

Inherited Members

OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.MSGBOX(string), OBJECT.REMOVEBEHAVIOUR(string), OBJECT.RESETCLONES()

Properties AUTHOR

```
string AUTHOR { init; }
```

Property Value

BACKGROUND

```
string BACKGROUND { init; }
```

Property Value

CREATIONTIME

```
string CREATIONTIME { init; }
```

DESCRIPTION

```
string DESCRIPTION { init; }

Property Value

string♂
```

DLLS

```
string[] DLLS { init; }

Property Value

string♂[]
```

LASTMODIFYTIME

```
string LASTMODIFYTIME { init; }

Property Value

string♂
```

MUSIC

```
string MUSIC { init; }
```

Property Value

PATH

```
string PATH { init; }

Property Value

string PATH { init; }
```

VERSION

```
string VERSION { init; }

Property Value

string♂
```

Methods GETMAXHSPRIORITY()

```
void GETMAXHSPRIORITY()
```

GETMINHSPRIORITY()

void GETMINHSPRIORITY()

GETPLAYINGANIMO()

void GETPLAYINGANIMO()

GETPLAYINGSEQ()

```
void GETPLAYINGSEQ()
```

PAUSE()

void PAUSE()

REMOVECLONES()

void REMOVECLONES()

RESUME()

void RESUME()

RUN(string, string, params variable[])

variable? RUN(string object_name, string method_name, params variable[] arguments)

Parameters

object_name <u>string</u>

☑

method_name <u>string</u>♂

arguments variable[]

Returns

variable

RUNCLONES()

void RUNCLONES()

SETMAXHSPRIORITY()

void SETMAXHSPRIORITY()

SETMINHSPRIORITY()

void SETMINHSPRIORITY()

SETMUSICVOLUME(int)

void SETMUSICVOLUME(int volume)

Parameters

volume <u>int</u>♂

STARTMUSIC()

void STARTMUSIC()

STOPMUSIC()

void STOPMUSIC()

Interface SEQUENCE

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

```
public interface SEQUENCE: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties

FILENAME

```
string FILENAME { init; }
```

Property Value

Methods

GETEVENTNAME()

```
string GETEVENTNAME()
```

Returns

HIDE()

```
void HIDE()
```

ISPLAYING()

```
bool ISPLAYING()
```

Returns

PAUSE()

void PAUSE()

PLAY(string)

void PLAY(string parameter)

Parameters

RESUME()

void RESUME()

STOP(bool)

void STOP(bool emit_on_finished = true)

Parameters

emit_on_finished bool♂

Events

ONFINISHED

event ParametrizedSignalHandler ONFINISHED

Event Type

<u>ParametrizedSignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONSTARTED

event ParametrizedSignalHandler ONSTARTED

Event Type

<u>ParametrizedSignalHandler</u>

Interface SOUND

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface SOUND : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES().

Properties

FILENAME

```
string FILENAME { init; }
```

Property Value

 $\underline{\text{string}}$

FLUSHAFTERPLAYED

```
bool FLUSHAFTERPLAYED { init; }
```

Property Value

bool₫

PRELOAD

```
bool PRELOAD { init; }
```

Property Value

bool ♂

RELEASE

```
bool RELEASE { init; }
```

Property Value

bool ♂

Methods ISPLAYING()

```
bool ISPLAYING()
```

Returns

bool ♂

LOAD(string)

```
void LOAD(string filename)
```

Parameters

filename <u>string</u> ♂

PAUSE()

```
void PAUSE()
```

PLAY()

```
void PLAY()
```

RESUME()

```
void RESUME()
```

SETVOLUME(int)

```
void SETVOLUME(int volume)
```

Parameters

volume <u>int</u>♂

STOP()

void STOP()

Events

ONFINISHED

event SignalHandler ONFINISHED

Event Type

<u>SignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONSTARTED

event SignalHandler ONSTARTED

Event Type

<u>SignalHandler</u>

Interface STATICFILTER

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface STATICFILTER: OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

ACTION

```
string ACTION { init; }
```

Property Value

Methods

LINK(string)

```
void LINK(string graphics_name)
```

Parameters

graphics_name string♂

SETPROPERTY(string, variable)

```
void SETPROPERTY(string key, variable value)
```

Parameters

key <u>string</u>♂

value <u>variable</u>

UNLINK(string)

void UNLINK(string graphics_name)

Parameters

graphics_name <u>string</u>♂

Interface STRING

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface STRING: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

TOINI

```
bool TOINI { init; }
```

Property Value

VALUE

```
string VALUE { init; }
```

Property Value

Methods

ADD(string)

```
string ADD(string suffix)
Parameters
suffix <u>string</u> <a>d</a>
Returns
COPYFILE(string, string)
 bool COPYFILE(string filename, string copied_filename)
Parameters
filename <u>string</u> <a>d</a>
copied_filename <u>string</u>♂
Returns
bool ♂
CUT(int, int)
 void CUT(int index, int length)
Parameters
index <u>int</u>♂
length int♂
```

FIND(string, int)

```
int FIND(string needle, int start_index = 0)
Parameters
needle <u>string</u> ♂
start_index <u>int</u>♂
Returns
<u>int</u>♂
GET(int)
 string GET(int start_index)
Parameters
start_index <u>int</u>♂
Returns
GET(int, int)
 string GET(int start_index, int length)
Parameters
start_index <u>int</u>♂
length <u>int</u>♂
Returns
```

LENGTH()

```
int LENGTH()
```

Returns

<u>int</u>♂

REPLACE(string, string)

```
void REPLACE(string search, string replace)
```

Parameters

replace <u>string</u>♂

REPLACEAT(int, string)

```
void REPLACEAT(int index, string replace)
```

Parameters

index <u>int</u>♂

replace <u>string</u>♂

RESETINI()

void RESETINI()

SET(string)

```
void SET(string value)
```

Parameters

value <u>string</u>♂

SUB(int, int)

```
void SUB(int index, int length)
```

Parameters

index <u>int</u>♂

length <u>int</u>♂

UPPER()

void UPPER()

Events

ONBRUTALCHANGED

event ParametrizedSignalHandler ONBRUTALCHANGED

Event Type

<u>ParametrizedSignalHandler</u>

ONCHANGED

Event Type

<u>ParametrizedSignalHandler</u>

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

Interface STRUCT

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface STRUCT : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

FIELDS

```
(string, string)[] FIELDS { init; }
```

Property Value

(string♂, string♂)[]

Methods

GETFIELD(string)

```
variable GETFIELD(string field_name)
```

Parameters

field_name string ♂

Returns

variable

SET(string)

```
void SET(string struct_name)
```

Parameters

struct_name <u>string</u>♂

SETFIELD(string, variable)

void SETFIELD(string field_name, variable value)

Parameters

value <u>variable</u>

Interface SYSTEM

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface SYSTEM : OBJECT

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Methods GETDATE()

string GETDATE()

Returns

GETMHZ()

int GETMHZ()

Returns

int♂

GETMINUTES()

int GETMINUTES()

Returns

<u>int</u>♂

GETSECONDS()

int GETSECONDS()

Returns

<u>int</u>♂

GETSYSTEMTIME()

int GETSYSTEMTIME()

Returns

<u>int</u>♂

Delegate SignalHandler

Namespace: <u>CnvAPI</u> Assembly: CnvAPI.dll

Run for signals.

public delegate void SignalHandler(params variable[] arguments)

Parameters

arguments variable[]

Run for signals.

Class StringVariable

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public record StringVariable : variable, IEquatable<variable>,
IEquatable<StringVariable>
```

Inheritance

<u>object</u> d ← <u>variable</u> ← StringVariable

Implements

<u>IEquatable</u> < <u>variable</u> >, <u>IEquatable</u> < <u>StringVariable</u> >

Inherited Members

Constructors StringVariable(string)

public StringVariable(string value)

Parameters

value <u>string</u>♂

Properties

value

```
public string value { get; init; }
```

Property Value

Interface TEXT

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

```
public interface TEXT : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

FONT

```
string FONT { init; }
```

Property Value

 $\underline{\text{string}}$

HJUSTIFY

```
bool HJUSTIFY { init; }
```

Property Value

bool₫

HYPERTEXT

```
bool HYPERTEXT { init; }
```

Property Value

bool ♂

MONITORCOLLISION

```
bool MONITORCOLLISION { init; }
```

Property Value

bool ♂

MONITORCOLLISIONALPHA

```
bool MONITORCOLLISIONALPHA { init; }
```

Property Value

bool ₫

RECT

```
rect RECT { init; }
```

Property Value

rect

TEXT

```
string TEXT { init; }
```

Property Value

TOCANVAS

```
bool TOCANVAS { init; }
```

Property Value

<u>bool</u> ♂

VISIBLE

```
bool VISIBLE { init; }
```

Property Value

bool ♂

VJUSTIFY

```
bool VJUSTIFY { init; }
```

Property Value

bool ♂

Methods

HIDE()

void HIDE()

SETCOLOR()

```
void SETCOLOR()
```

SETJUSTIFY()

```
void SETJUSTIFY()
```

SETPOSITION()

```
void SETPOSITION()
```

SETTEXT(string)

```
void SETTEXT(string text)
```

Parameters

text <u>string</u> <a>d

SHOW()

void SHOW()

Events

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

Interface TIMER

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface TIMER: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

ELAPSE

```
int ELAPSE { init; }
```

Property Value

<u>int</u>♂

ENABLED

```
bool ENABLED { init; }
```

Property Value

bool₫

TICKS

```
int TICKS { init; }
```

Property Value

<u>int</u>♂

Methods DISABLE()

void DISABLE()

ENABLE()

void ENABLE()

GETTICKS()

int GETTICKS()

Returns

<u>int</u>♂

RESET()

void RESET()

SET(int)

void SET(int _)

Parameters

```
_ <u>int</u>♂
```

SETELAPSE(int)

```
void SETELAPSE(int _)
```

Parameters

_ <u>int</u>♂

Events

ONINIT

event SignalHandler ONINIT

Event Type

<u>SignalHandler</u>

ONTICK

event ParametrizedSignalHandler ONTICK

Event Type

<u>ParametrizedSignalHandler</u>

Interface VECTOR

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface VECTOR: OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

SIZE

```
int SIZE { init; }
```

Property Value

<u>int</u>♂

VALUE

```
double[] VALUE { init; }
```

Property Value

double []

Methods

ADD(string)

```
void ADD(string summand_name)
```

Parameters

summand_name <u>string</u>♂

ASSIGN(params double[])

```
void ASSIGN(params double[] values)
```

Parameters

values <u>double</u>[□][]

GET(int)

```
double GET(int index)
```

Parameters

index <u>int</u>♂

Returns

LEN()

double LEN()

Returns

<u>double</u> ♂

MUL(double)

```
void MUL(double multiplier)
```

Parameters

multiplier <u>double</u>♂

NORMALIZE()

void NORMALIZE()

REFLECT(string, string)

void REFLECT(string normal_name, string result_name)

Parameters

normal_name <u>string</u>♂

result_name <u>string</u>♂

Interface VIRTUALGRAPHICSOBJECT

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

```
public interface VIRTUALGRAPHICSOBJECT : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

ASBUTTON

```
bool ASBUTTON { init; }
```

Property Value

<u>bool</u> ♂

MASK

```
string MASK { init; }
```

Property Value

MONITORCOLLISION

```
bool MONITORCOLLISION { init; }
```

bool ♂

MONITORCOLLISIONALPHA

```
bool MONITORCOLLISIONALPHA { init; }
```

Property Value

bool ♂

PRIORITY

```
int PRIORITY { init; }
```

Property Value

<u>int</u>♂

SOURCE

```
string SOURCE { init; }
```

Property Value

 $\underline{string} \, \underline{ } \square$

TOCANVAS

```
bool TOCANVAS { init; }
```

Property Value

VISIBLE

```
bool VISIBLE { init; }
```

Property Value

<u>bool</u> ♂

Methods GETHEIGHT()

```
int GETHEIGHT()
```

Returns

<u>int</u>♂

GETPOSITIONX()

```
int GETPOSITIONX()
```

Returns

<u>int</u>♂

GETPOSITIONY()

```
int GETPOSITIONY()
```

Returns

GETWIDTH()

```
int GETWIDTH()
```

Returns

<u>int</u>♂

MOVE(int, int)

```
void MOVE(int x_offset, int y_offset)
```

Parameters

```
x_offset int♂
```

y_offset <u>int</u>♂

SETMASK(string)

```
void SETMASK(string graphics_name)
```

Parameters

graphics_name string ☐

SETPOSITION(int, int)

```
void SETPOSITION(int x, int y)
```

Parameters

```
x <u>int</u>♂
```

y <u>int</u>♂

SETPRIORITY(int)

void SETPRIORITY(int priority)

Parameters

priority <u>int</u>♂

SETSOURCE(string)

void SETSOURCE(string graphics_name)

Parameters

graphics_name string ♂

Interface WORLD

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

```
public interface WORLD : OBJECT
```

Inherited Members

OBJECT.DESCRIPTION, OBJECT.TYPE, OBJECT.ADDBEHAVIOUR(string, string), OBJECT.CLONE(int), OBJECT.GETCLONEINDEX(), OBJECT.GETNAME(), OBJECT.RESETCLONES(), O

Properties

FILENAME

```
string FILENAME { init; }
```

Property Value

 $\underline{\text{string}}$

Methods

ADDBODY()

void ADDBODY()

ADDFORCE()

void ADDFORCE()

ADDGRAVITYEX()

```
void ADDGRAVITYEX()
```

FINDPATH()

void FINDPATH()

FOLLOWPATH()

void FOLLOWPATH()

GETANGLE()

void GETANGLE()

GETBKGPOSX()

void GETBKGPOSX()

GETBKGPOSY()

void GETBKGPOSY()

GETMOVEDISTANCE()

void GETMOVEDISTANCE()

GETPOSITIONX()

```
void GETPOSITIONX()
```

GETPOSITIONY()

```
void GETPOSITIONY()
```

GETPOSITIONZ()

```
void GETPOSITIONZ()
```

GETROTATIONZ()

```
void GETROTATIONZ()
```

GETSPEED()

```
void GETSPEED()
```

JOIN()

```
void JOIN()
```

LINK()

```
void LINK()
```

LOAD()

void LOAD()

MOVEOBJECTS()

void MOVEOBJECTS()

REMOVEOBJECT()

void REMOVEOBJECT()

SETACTIVE()

void SETACTIVE()

SETBKGSIZE()

void SETBKGSIZE()

SETBODYDYNAMICS()

void SETBODYDYNAMICS()

SETG()

void SETG()

SETGRAVITY()

```
void SETGRAVITY()
```

SETGRAVITYCENTER()

void SETGRAVITYCENTER()

SETLIMIT()

void SETLIMIT()

SETMAXSPEED()

void SETMAXSPEED()

SETMOVEFLAGS()

void SETMOVEFLAGS()

SETPOSITION()

void SETPOSITION()

SETREFOBJECT()

void SETREFOBJECT()

SETVELOCITY()

```
void SETVELOCITY()
```

START()

void START()

STOP()

void STOP()

UNLINK()

void UNLINK()

Enum anchor

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

public enum anchor

Fields

BOTTOM = 8

CENTER = 0

LEFT = 5

LEFTLOWER = 3

LEFTUPPER = 1

RIGHT = 6

RIGHTLOWER = 4

RIGHTUPPER = 2

TOP = 7

Enum complex_operator

Namespace: <u>CnvAPI</u> Assembly: CnvAPI.dll

public enum complex_operator

Fields

AND = 0

OR = 1

Enum condition_operator

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

```
public enum condition_operator
```

Fields

```
EQUAL = 0

GREATER = 3

GREATEREQUAL = 5

LESS = 2

LESSEQUAL = 4

NOTEQUAL = 1
```

Enum expression_operator

```
Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll
```

public enum expression_operator

Fields

ADD = 0

DIV = 3

MOD = 4

MUL = 2

SUB = 1

Interface global

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public interface global

Methods BOOL(string, bool)

Creates an object of type **BOOL**.

void BOOL(string name, bool value)

Parameters

name <u>string</u>♂

The name of created object.

value <u>bool</u> ✓

The initial value of created object.

BREAK()

void BREAK()

DOUBLE(string, double)

Creates an object of type **DOUBLE**.

void DOUBLE(string name, double value)

Parameters

```
name <u>string</u> ♂
```

The name of created object.

```
value <u>double</u>♂
```

The initial value of created object.

IF(string, string, string)

```
void IF(string condition, string code_if_true, string code_if_false)
```

Parameters

```
condition <u>string</u> ✓
```

code_if_true string♂

code_if_false string@

IF(string, string, string, string)

```
void IF(string left, string operand, string right, string code_if_true,
string code_if_false)
```

Parameters

```
left <u>string</u>♂
```

operand <u>string</u> □

right <u>string</u> ♂

code_if_true string ☐

code_if_false string <a>d

INT(string, int)

```
Creates an object of type INTEGER.
```

```
void INT(string name, int value)
```

Parameters

```
name <u>string</u> □
```

The name of created object.

value <u>int</u>♂

The initial value of created object.

LOOP(string, int, int, int)

```
void LOOP(string behaviour, int init, int len, int step)
```

Parameters

```
behaviour string
```

init <u>int</u>♂

len <u>int</u>♂

step <u>int</u>♂

MSGBOX(string)

```
void MSGBOX(string message)
```

Parameters

message <u>string</u> □

RETURN(variable)

variable RETURN(variable value)

Parameters

value variable

Returns

variable

STRING(string, string)

Creates an object of type **STRING**.

string STRING(string name, string value)

Parameters

name <u>string</u> <a>d

The name of created object.

value <u>string</u>♂

The initial value of created object.

Returns

WHILE(string, string, string)

void WHILE(string left, string condition, string right, string code)

Parameters

```
left string♂

condition string♂

right string♂

code string♂
```

Class rect

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public abstract record rect : IEquatable<rect>

Inheritance

<u>object</u> d ← rect

Implements

<u>IEquatable</u> d < <u>rect</u>>

Derived

LiteralRect, ReferenceRect

Inherited Members

Class variable

Namespace: <u>CnvAPI</u>
Assembly: CnvAPI.dll

public abstract record variable : IEquatable<variable>

Inheritance

<u>object</u>

✓ variable

Implements

<u>IEquatable</u> < <u>variable</u> >

Derived

BoolVariable, DoubleVariable, IntVariable, StringVariable

Inherited Members