

DelphiGamekit

Make 2D Game in Delphi

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KEY_INTERNATIONAL9 (see page 370)	This is constant KEY_INTERNATIONAL9.
KEY_J (see page 371)	This is constant KEY_J.
KEY_K (see page 371)	This is constant KEY_K.
KEY_KBDILLUMDOWN (see page 371)	This is constant KEY_KBDILLUMDOWN.
KEY_KBDILLUMTOGGLE (see page 371)	This is constant KEY_KBDILLUMTOGGLE.
KEY_KBDILLUMUP (see page 372)	This is constant KEY_KBDILLUMUP.
KEY_KP_0 (see page 372)	This is constant KEY_KP_0.
KEY_KP_00 (see page 372)	This is constant KEY_KP_00.
KEY_KP_000 (see page 372)	This is constant KEY_KP_000.
KEY_KP_1 (see page 372)	This is constant KEY_KP_1.
KEY_KP_2 (see page 373)	This is constant KEY_KP_2.
KEY_KP_3 (see page 373)	This is constant KEY_KP_3.
KEY_KP_4 (see page 373)	This is constant KEY_KP_4.
KEY_KP_5 (see page 373)	This is constant KEY_KP_5.
KEY_KP_6 (see page 374)	This is constant KEY_KP_6.
KEY_KP_7 (see page 374)	This is constant KEY_KP_7.
KEY_KP_8 (see page 374)	This is constant KEY_KP_8.
KEY_KP_9 (see page 374)	This is constant KEY_KP_9.
KEY_KP_A (see page 374)	This is constant KEY_KP_A.
KEY_KP_AMPERSAND (see page 375)	This is constant KEY_KP_AMPERSAND.
KEY_KP_AT (see page 375)	This is constant KEY_KP_AT.
KEY_KP_B (see page 375)	This is constant KEY_KP_B.
KEY_KP_BACKSPACE (see page 375)	This is constant KEY_KP_BACKSPACE.
KEY_KP_BINARY (see page 376)	This is constant KEY_KP_BINARY.
KEY_KP_C (see page 376)	This is constant KEY_KP_C.
KEY_KP_CLEAR (see page 376)	This is constant KEY_KP_CLEAR.
KEY_KP_CLEARENTRY (see page 376)	This is constant KEY_KP_CLEARENTRY.
KEY_KP_COLON (see page 376)	This is constant KEY_KP_COLON.
KEY_KP_COMMA (see page 377)	This is constant KEY_KP_COMMA.
KEY_KP_D (see page 377)	This is constant KEY_KP_D.
KEY_KP_DBLAMPERSAND (see page 377)	This is constant KEY_KP_DBLAMPERSAND.
KEY_KP_DBLVERTICALBAR (see page 377)	This is constant KEY_KP_DBLVERTICALBAR.
KEY_KP_DECIMAL (see page 378)	This is constant KEY_KP_DECIMAL.
KEY_KP_DIVIDE (see page 378)	This is constant KEY_KP_DIVIDE.
KEY_KP_E (see page 378)	This is constant KEY_KP_E.
KEY_KP_ENTER (see page 378)	This is constant KEY_KP_ENTER.
KEY_KP_EQUALS (see page 378)	This is constant KEY_KP_EQUALS.
KEY_KP_EQUALSAS400 (see page 379)	This is constant KEY_KP_EQUALSAS400.
KEY_KP_EXCLAM (see page 379)	This is constant KEY_KP_EXCLAM.
KEY_KP_F (see page 379)	This is constant KEY_KP_F.
KEY_KP_GREATER (see page 379)	This is constant KEY_KP_GREATER.
KEY_KP_HASH (see page 380)	This is constant KEY_KP_HASH.
KEY_KP_HEXADECEIMAL (see page 380)	This is constant KEY_KP_HEXADECEIMAL.
KEY_KP_LEFTBRACE (see page 380)	This is constant KEY_KP_LEFTBRACE.
KEY_KP_LEFTPAREN (see page 380)	This is constant KEY_KP_LEFTPAREN.
KEY_KP_LESS (see page 380)	This is constant KEY_KP_LESS.
KEY_KP_MEMADD (see page 381)	This is constant KEY_KP_MEMADD.
KEY_KP_MEMCLEAR (see page 381)	This is constant KEY_KP_MEMCLEAR.
KEY_KP_MEMDIVIDE (see page 381)	This is constant KEY_KP_MEMDIVIDE.

KEY_KP_MEMMULTIPLY (see page 381)	This is constant KEY_KP_MEMMULTIPLY.
KEY_KP_MEMRECALL (see page 382)	This is constant KEY_KP_MEMRECALL.
KEY_KP_MEMSTORE (see page 382)	This is constant KEY_KP_MEMSTORE.
KEY_KP_MEMSUBTRACT (see page 382)	This is constant KEY_KP_MEMSUBTRACT.
KEY_KP_MINUS (see page 382)	This is constant KEY_KP_MINUS.
KEY_KP_MULTIPLY (see page 382)	This is constant KEY_KP_MULTIPLY.
KEY_KP_OCTAL (see page 383)	This is constant KEY_KP_OCTAL.
KEY_KP_PERCENT (see page 383)	This is constant KEY_KP_PERCENT.
KEY_KP_PERIOD (see page 383)	This is constant KEY_KP_PERIOD.
KEY_KP_PLUS (see page 383)	This is constant KEY_KP_PLUS.
KEY_KP_PLUSMINUS (see page 384)	This is constant KEY_KP_PLUSMINUS.
KEY_KP_POWER (see page 384)	This is constant KEY_KP_POWER.
KEY_KP_RIGHTBRACE (see page 384)	This is constant KEY_KP_RIGHTBRACE.
KEY_KP_RIGHTPAREN (see page 384)	This is constant KEY_KP_RIGHTPAREN.
KEY_KP_SPACE (see page 384)	This is constant KEY_KP_SPACE.
KEY_KP_TAB (see page 385)	This is constant KEY_KP_TAB.
KEY_KP_VERTICALBAR (see page 385)	This is constant KEY_KP_VERTICALBAR.
KEY_KP_XOR (see page 385)	This is constant KEY_KP_XOR.
KEY_L (see page 385)	This is constant KEY_L.
KEY_LALT (see page 386)	This is constant KEY_LALT.
KEY_LANG1 (see page 386)	This is constant KEY_LANG1.
KEY_LANG2 (see page 386)	This is constant KEY_LANG2.
KEY_LANG3 (see page 386)	This is constant KEY_LANG3.
KEY_LANG4 (see page 386)	This is constant KEY_LANG4.
KEY_LANG5 (see page 387)	This is constant KEY_LANG5.
KEY_LANG6 (see page 387)	This is constant KEY_LANG6.
KEY_LANG7 (see page 387)	This is constant KEY_LANG7.
KEY_LANG8 (see page 387)	This is constant KEY_LANG8.
KEY_LANG9 (see page 388)	This is constant KEY_LANG9.
KEY_LCTRL (see page 388)	This is constant KEY_LCTRL.
KEY_LEFT (see page 388)	This is constant KEY_LEFT.
KEY_LEFTBRACKET (see page 388)	This is constant KEY_LEFTBRACKET.
KEY_LGUI (see page 388)	This is constant KEY_LGUI.
KEY_LSHIFT (see page 389)	This is constant KEY_LSHIFT.
KEY_M (see page 389)	This is constant KEY_M.
KEY_MAIL (see page 389)	This is constant KEY_MAIL.
KEY_MEDIASELECT (see page 389)	This is constant KEY_MEDIASELECT.
KEY_MENU (see page 390)	This is constant KEY_MENU.
KEY_MINUS (see page 390)	This is constant KEY_MINUS.
KEY_MODE (see page 390)	This is constant KEY_MODE.
KEY_MUTE (see page 390)	This is constant KEY_MUTE.
KEY_N (see page 390)	This is constant KEY_N.
KEY_NONUSBACKSLASH (see page 391)	This is constant KEY_NONUSBACKSLASH.
KEY_NONUSHASH (see page 391)	This is constant KEY_NONUSHASH.
KEY_NUMLOCKCLEAR (see page 391)	This is constant KEY_NUMLOCKCLEAR.
KEY_O (see page 391)	This is constant KEY_O.
KEY_OPER (see page 392)	This is constant KEY_OPER.
KEY_OUT (see page 392)	This is constant KEY_OUT.
KEY_P (see page 392)	This is constant KEY_P.

KEY_PAGEDOWN (see page 392)	This is constant KEY_PAGEDOWN.
KEY_PAGEUP (see page 392)	This is constant KEY_PAGEUP.
KEY_PASTE (see page 393)	This is constant KEY_PASTE.
KEY_PAUSE (see page 393)	This is constant KEY_PAUSE.
KEY_PERIOD (see page 393)	This is constant KEY_PERIOD.
KEY_POWER (see page 393)	This is constant KEY_POWER.
KEY_PRINTSCREEN (see page 394)	This is constant KEY_PRINTSCREEN.
KEY_PRIOR (see page 394)	This is constant KEY_PRIOR.
KEY_Q (see page 394)	This is constant KEY_Q.
KEY_R (see page 394)	This is constant KEY_R.
KEY_RALT (see page 394)	This is constant KEY_RALT.
KEY_RCTRL (see page 395)	This is constant KEY_RCTRL.
KEY_RETURN (see page 395)	This is constant KEY_RETURN.
KEY_RETURN2 (see page 395)	This is constant KEY_RETURN2.
KEY_RGUI (see page 395)	This is constant KEY_RGUI.
KEY_RIGHT (see page 396)	This is constant KEY_RIGHT.
KEY_RIGHTBRACKET (see page 396)	This is constant KEY_RIGHTBRACKET.
KEY_RSHIFT (see page 396)	This is constant KEY_RSHIFT.
KEY_S (see page 396)	This is constant KEY_S.
KEY_SCROLLLOCK (see page 396)	This is constant KEY_SCROLLLOCK.
KEY_SELECT (see page 397)	This is constant KEY_SELECT.
KEY_SEMICOLON (see page 397)	This is constant KEY_SEMICOLON.
KEY_SEPARATOR (see page 397)	This is constant KEY_SEPARATOR.
KEY_SLASH (see page 397)	This is constant KEY_SLASH.
KEY_SLEEP (see page 398)	This is constant KEY_SLEEP.
KEY_SOFTLEFT (see page 398)	This is constant KEY_SOFTLEFT.
KEY_SOFTRIGHT (see page 398)	This is constant KEY_SOFTRIGHT.
KEY_SPACE (see page 398)	This is constant KEY_SPACE.
KEY_STOP (see page 398)	This is constant KEY_STOP.
KEY_SYSREQ (see page 399)	This is constant KEY_SYSREQ.
KEY_T (see page 399)	This is constant KEY_T.
KEY_TAB (see page 399)	This is constant KEY_TAB.
KEY_THOUSANDSSEPARATOR (see page 399)	This is constant KEY_THOUSANDSSEPARATOR.
KEY_U (see page 400)	This is constant KEY_U.
KEY_UNDO (see page 400)	This is constant KEY_UNDO.
KEY_UP (see page 400)	This is constant KEY_UP.
KEY_V (see page 400)	This is constant KEY_V.
KEY_VOLUMEDOWN (see page 400)	This is constant KEY_VOLUMEDOWN.
KEY_VOLUMEUP (see page 401)	This is constant KEY_VOLUMEUP.
KEY_W (see page 401)	This is constant KEY_W.
KEY_WWW (see page 401)	This is constant KEY_WWW.
KEY_X (see page 401)	This is constant KEY_X.
KEY_Y (see page 402)	This is constant KEY_Y.
KEY_Z (see page 402)	This is constant KEY_Z.
KHAKI (see page 402)	This is constant KHAKI.
LAVENDER (see page 402)	This is constant LAVENDER.
LAVENDERBLUSH (see page 402)	This is constant LAVENDERBLUSH.
LAWNGREEN (see page 403)	This is constant LAWNGREEN.

LEMONCHIFFON (see page 403)	This is constant LEMONCHIFFON.
LF (see page 403)	This is constant LF.
LIGHTBLUE (see page 403)	This is constant LIGHTBLUE.
LIGHTCORAL (see page 404)	This is constant LIGHTCORAL.
LIGHTCYAN (see page 404)	This is constant LIGHTCYAN.
LIGHTGOLDENRODYELLOW (see page 404)	This is constant LIGHTGOLDENRODYELLOW.
LIGHTGRAY (see page 404)	This is constant LIGHTGRAY.
LIGHTGREEN (see page 404)	This is constant LIGHTGREEN.
LIGHTGREY (see page 405)	This is constant LIGHTGREY.
LIGHTPINK (see page 405)	This is constant LIGHTPINK.
LIGHTSALMON (see page 405)	This is constant LIGHTSALMON.
LIGHTSEAGREEN (see page 405)	This is constant LIGHTSEAGREEN.
LIGHTSKYBLUE (see page 406)	This is constant LIGHTSKYBLUE.
LIGHTSLATEGRAY (see page 406)	This is constant LIGHTSLATEGRAY.
LIGHTSLATEGREY (see page 406)	This is constant LIGHTSLATEGREY.
LIGHTSTEELBLUE (see page 406)	This is constant LIGHTSTEELBLUE.
LIGHTYELLOW (see page 406)	This is constant LIGHTYELLOW.
LIME (see page 407)	This is constant LIME.
LIMEGREEN (see page 407)	This is constant LIMEGREEN.
LINEN (see page 407)	This is constant LINEN.
LOGEXT (see page 407)	This is constant LOGEXT.
LUACEXT (see page 408)	This is constant LUACEXT.
LUAEXT (see page 408)	This is constant LUAEXT.
LuSCANCODE_EXSEL (see page 408)	This is constant LuSCANCODE_EXSEL.
MAGENTA (see page 408)	This is constant MAGENTA.
MAROON (see page 408)	This is constant MAROON.
MEDIUMAQUAMARINE (see page 409)	This is constant MEDIUMAQUAMARINE.
MEDIUMBLUE (see page 409)	This is constant MEDIUMBLUE.
MEDIUMORCHID (see page 409)	This is constant MEDIUMORCHID.
MEDIUMPURPLE (see page 409)	This is constant MEDIUMPURPLE.
MEDIUMSEAGREEN (see page 410)	This is constant MEDIUMSEAGREEN.
MEDIUMSLATEBLUE (see page 410)	This is constant MEDIUMSLATEBLUE.
MEDIUMSPRINGGREEN (see page 410)	This is constant MEDIUMSPRINGGREEN.
MEDIUMTURQUOISE (see page 410)	This is constant MEDIUMTURQUOISE.
MEDIUMVIOLETRED (see page 410)	This is constant MEDIUMVIOLETRED.
MIDNIGHTBLUE (see page 411)	This is constant MIDNIGHTBLUE.
MINTCREAM (see page 411)	This is constant MINTCREAM.
MISTYROSE (see page 411)	This is constant MISTYROSE.
MOCCASIN (see page 411)	This is constant MOCCASIN.
MPGEXT (see page 412)	This is constant MPGEXT.
NAN (see page 412)	This is constant NAN.
NAVAJOWHITE (see page 412)	This is constant NAVAJOWHITE.
NAVY (see page 412)	This is constant NAVY.
OGGEXT (see page 412)	This is constant OGGEXT.
OLDLACE (see page 413)	This is constant OLDLACE.
OLIVE (see page 413)	This is constant OLIVE.
OLIVEDRAB (see page 413)	This is constant OLIVEDRAB.
ORANGE (see page 413)	This is constant ORANGE.
ORANGERED (see page 414)	This is constant ORANGERED.



ORCHID (see page 414)	This is constant ORCHID.
OVERLAY1 (see page 414)	This is constant OVERLAY1.
OVERLAY2 (see page 414)	This is constant OVERLAY2.
PALEGOLDENROD (see page 414)	This is constant PALEGOLDENROD.
PALEGREEN (see page 415)	This is constant PALEGREEN.
PALETURQUOISE (see page 415)	This is constant PALETURQUOISE.
PALEVIOLETRED (see page 415)	This is constant PALEVIOLETRED.
PAPAYAWHIP (see page 415)	This is constant PAPAYAWHIP.
PEACHPUFF (see page 416)	This is constant PEACHPUFF.
PERU (see page 416)	This is constant PERU.
PINK (see page 416)	This is constant PINK.
PLUM (see page 416)	This is constant PLUM.
PNGEXT (see page 416)	This is constant PNGEXT.
POWDERBLUE (see page 417)	This is constant POWDERBLUE.
PURPLE (see page 417)	This is constant PURPLE.
RADTODEG (see page 417)	This is constant RADTODEG.
REBECCAPURPLE (see page 417)	This is constant REBECCAPURPLE.
RED (see page 418)	This is constant RED.
RED2 (see page 418)	This is constant RED2.
ROSYBROWN (see page 418)	This is constant ROSYBROWN.
ROYALBLUE (see page 418)	This is constant ROYALBLUE.
SADDLEBROWN (see page 418)	This is constant SADDLEBROWN.
SALMON (see page 419)	This is constant SALMON.
SANDYBROWN (see page 419)	This is constant SANDYBROWN.
SEAGREEN (see page 419)	This is constant SEAGREEN.
SEASHELL (see page 419)	This is constant SEASHELL.
SIENNA (see page 420)	This is constant SIENNA.
SILVER (see page 420)	This is constant SILVER.
SKYBLUE (see page 420)	This is constant SKYBLUE.
SLATEBLUE (see page 420)	This is constant SLATEBLUE.
SLATEGRAY (see page 420)	This is constant SLATEGRAY.
SLATEGREY (see page 421)	This is constant SLATEGREY.
SNOW (see page 421)	This is constant SNOW.
SPRINGGREEN (see page 421)	This is constant SPRINGGREEN.
STEELBLUE (see page 421)	This is constant STEELBLUE.
TAN (see page 422)	This is constant TAN.
TEAL (see page 422)	This is constant TEAL.
TEXTINPUT_MAXLEN (see page 422)	This is constant TEXTINPUT_MAXLEN.
THISTLE (see page 422)	This is constant THISTLE.
TIMER_FIXEDUPDATE_SPEED (see page 422)	This is constant TIMER_FIXEDUPDATE_SPEED.
TIMER_UPDATE_SPEED (see page 423)	This is constant TIMER_UPDATE_SPEED.
TOMATO (see page 423)	This is constant TOMATO.
TURQUOISE (see page 423)	This is constant TURQUOISE.
VERSION_MAJOR (see page 423)	This is constant VERSION_MAJOR.
VERSION_MINOR (see page 424)	This is constant VERSION_MINOR.
VERSION_PATCH (see page 424)	This is constant VERSION_PATCH.
VIDEO_SAMPLEBUFFERSIZE (see page 424)	This is constant VIDEO_SAMPLEBUFFERSIZE.
VIOLET (see page 424)	This is constant VIOLET.

WHEAT (see page 424)	This is constant WHEAT.
WHITE (see page 425)	This is constant WHITE.
WHITE2 (see page 425)	This is constant WHITE2.
WHITESMOKE (see page 425)	This is constant WHITESMOKE.
WINDOW_HEIGHT (see page 425)	This is constant WINDOW_HEIGHT.
WINDOW_WIDTH (see page 426)	This is constant WINDOW_WIDTH.
YELLOW (see page 426)	This is constant YELLOW.
YELLOWGREEN (see page 426)	This is constant YELLOWGREEN.
















Files

DelphiGamekit.pas (see page 426)	This is file DelphiGamekit.pas.
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Interfaces

 ILua (see page 275)	This is class ILua.
 ILuaContext (see page 280)	This is class ILuaContext.

Structs, Records, Enums

 TActorMessage (see page 304)	This is record TActorMessage.
 TAudioFading (see page 304)	This is record TAudioFading.
 TBlendMode (see page 305)	This is record TBlendMode.
 TEaseType (see page 305)	This is record TEaseType.
 TFlipMode (see page 306)	This is record TFlipMode.
 THAlign (see page 306)	This is record THAlign.
 TInputDevice (see page 306)	This is record TInputDevice.
 TLineIntersection (see page 306)	This is record TLineIntersection.
 TLuaTable (see page 307)	This is record TLuaTable.
 TLuaType (see page 307)	This is record TLuaType.
 TLuaValueType (see page 307)	This is record TLuaValueType.
 TSpeechVoiceAttribute (see page 308)	This is record TSpeechVoiceAttribute.
 TTextureAccess (see page 308)	This is record TTextureAccess.
 TVAlign (see page 308)	This is record TVAlign.
 TVideoStatus (see page 308)	This is record TVideoStatus.

Types

PActorMessage (see page 309)	This is type PActorMessage.
PColor (see page 309)	This is type PColor.
PPoint (see page 310)	This is type PPoint.
PRange (see page 310)	This is type PRange.
PRect (see page 310)	This is type PRect.
PTransform (see page 310)	This is type PTransform.
PVector (see page 311)	This is type PVector.
PVideo (see page 311)	This is type PVideo.
TActorAttributeSet (see page 311)	This is type TActorAttributeSet.
TActorSceneEvent (see page 311)	This is type TActorSceneEvent.
TAsyncProc (see page 311)	This is type TAsyncProc.
TCaptureConsoleOutputEvent (see page 312)	This is type TCaptureConsoleOutputEvent.
TCmdConsoleActionEvent (see page 312)	This is type TCmdConsoleActionEvent.
TGameClass (see page 312)	This is type TGameClass.
TLuaFunction (see page 312)	This is type TLuaFunction.
TMusic (see page 313)	This is type TMusic.

TSound (see page 313)	This is type TSound.
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Variables

Game (see page 313)	This is variable Game.
Marshaller (see page 313)	This is variable Marshaller.

Functions

AddSelfToUserPath (see page 285)	This is function AddSelfToUserPath.
AngleCos (see page 285)	This is function AngleCos.
AngleDiff (see page 285)	This is function AngleDiff.
AngleRotatePos (see page 286)	This is function AngleRotatePos.
AngleSin (see page 286)	This is function AngleSin.
CaptureConsoleOutput (see page 286)	This is function CaptureConsoleOutput.
CircleInRectangle (see page 286)	This is function CircleInRectangle.
CirclesOverlap (see page 287)	This is function CirclesOverlap.
ClipVaLue (see page 287)	This is function ClipVaLue.
ClipVaLuef (see page 287)	This is function ClipVaLuef.
CreateDirsInPath (see page 288)	This is function CreateDirsInPath.
EasePosition (see page 288)	This is function EasePosition.
EaseValue (see page 288)	This is function EaseValue.
ExpandRelDirectory (see page 288)	This is function ExpandRelDirectory.
ExpandRelFilename (see page 289)	This is function ExpandRelFilename.
ExtractRelativeDirectory (see page 289)	This is function ExtractRelativeDirectory.
ExtractRelativeFilename (see page 289)	This is function ExtractRelativeFilename.
FreeNilObject (see page 289)	This is function FreeNilObject.
GetDirName (see page 290)	This is function GetDirName.
GetEnvVarValue (see page 290)	This is function GetEnvVarValue.
GetExeBasePath (see page 290)	This is function GetExeBasePath.
GetExePath (see page 290)	This is function GetExePath.
GetFileRWops (see page 291)	This is function GetFileRWops.
GetMemRWops (see page 291)	This is function GetMemRWops.
GetRandomSeed (see page 291)	This is function GetRandomSeed.
GetSemVerStr (see page 291)	This is function GetSemVerStr.
GetUUID (see page 292)	This is function GetUUID.
GetVersionInfo (see page 292)	This is function GetVersionInfo.
GetVersionInfo (see page 292)	This is function GetVersionInfo.
HasConsoleOutput (see page 292)	This is function HasConsoleOutput.
HttpGet (see page 293)	This is function HttpGet.
IsCurrentDir (see page 293)	This is function IsCurrentDir.
IsSingleInstance (see page 293)	This is function IsSingleInstance.
IsValidFilename (see page 293)	This is function IsValidFilename.
Lerp (see page 294)	This is function Lerp.
LineIntersection (see page 294)	This is function LineIntersection.
Pause (see page 294)	This is function Pause.
PointInCircle (see page 295)	This is function PointInCircle.
PointInRectangle (see page 295)	This is function PointInRectangle.
PointInTriangle (see page 295)	This is function PointInTriangle.

≡	Print (see page 295)	This is function Print.
≡	Print (see page 296)	This is function Print.
≡	PrintLn (see page 296)	This is function PrintLn.
≡	PrintLn (see page 296)	This is function PrintLn.
≡	PrintLn (see page 296)	This is function PrintLn.
≡	ProcessMessages (see page 297)	This is function ProcessMessages.
≡	RadiusOverlap (see page 297)	This is function RadiusOverlap.
≡	RandomBool (see page 297)	This is function RandomBool.
≡	RandomRange (see page 297)	This is function RandomRange.
≡	RandomRangeF (see page 298)	This is function RandomRangeF.
≡	ReadStringFromStream (see page 298)	This is function ReadStringFromStream.
≡	RectangleIntersection (see page 298)	This is function RectangleIntersection.
≡	RectanglesOverlap (see page 298)	This is function RectanglesOverlap.
≡	RemoveDuplicates (see page 299)	This is function RemoveDuplicates.
≡	RemoveDuplicates2 (see page 299)	This is function RemoveDuplicates2.
≡	RemoveQuotes (see page 299)	This is function RemoveQuotes.
≡	RemoveSelfFromUserPath (see page 299)	This is function RemoveSelfFromUserPath.
≡	ResourceExists (see page 300)	This is function ResourceExists.
≡	RunGame (see page 300)	This is function RunGame.
≡	SameSign (see page 300)	This is function SameSign.
≡	SameSignf (see page 300)	This is function SameSignf.
≡	SameVaLue (see page 301)	This is function SameVaLue.
≡	SameVaLuef (see page 301)	This is function SameVaLuef.
≡	SetEnvVarValue (see page 301)	This is function SetEnvVarValue.
≡	SetGlobalEnvironment (see page 301)	This is function SetGlobalEnvironment.
≡	SetRandomSeed (see page 302)	This is function SetRandomSeed.
≡	ShellOpen (see page 302)	This is function ShellOpen.
≡	SmoothMove (see page 302)	This is function SmoothMove.
≡	UnitToScalarValue (see page 303)	This is function UnitToScalarValue.
≡	WaitForAnyKey (see page 303)	This is function WaitForAnyKey.
≡	WasRunFromConsole (see page 303)	This is function WasRunFromConsole.
≡	WriteStringToStream (see page 303)	This is function WriteStringToStream.

1.1 Classes














The following table lists classes in this documentation.









Classes

✚	EBufferException (see page 16)	This is class EBufferException.
✚	ELuaException (see page 16)	This is class ELuaException.
✚	ELuaRuntimeException (see page 16)	This is class ELuaRuntimeException.

	ELuaSyntaxError (see page 17)	This is class ELuaSyntaxError.
	TAIActor (see page 17)	This is class TAIActor.
	TAIEntityActor (see page 19)	This is class TAIEntityActor.
	TAIState (see page 21)	This is class TAIState.
	TAIStateMachine (see page 24)	This is class TAIStateMachine.
	TAScreenshake (see page 32)	This is class TAScreenshake.
	TActor (see page 35)	This is class TActor.
	TActorList (see page 43)	This is class TActorList.
	TActorScene (see page 47)	This is class TActorScene.
	TArchive (see page 51)	This is class TArchive.
	TArchiveFile (see page 54)	This is class TArchiveFile.
	TAsyncThread (see page 60)	This is class TAsyncThread.
	TBaseObject (see page 69)	This is class TBaseObject.
	TBuffer (see page 70)	This is class TBuffer.
	TCamera (see page 73)	This is class TCamera.
	TCloudDb (see page 77)	This is class TCloudDb.
	TCmdConsole (see page 85)	This is class TCmdConsole.
	TConfigFile (see page 100)	This is class TConfigFile.
	TEmail (see page 108)	This is class TEmail.
	TEntity (see page 111)	This is class TEntity.
	TEntityActor (see page 129)	This is class TEntityActor.
	TFont (see page 132)	This is class TFont.
	TGame (see page 139)	This is class TGame.
	TGeometry (see page 157)	This is class TGeometry.
	TInAppPurchase (see page 162)	This is class TInAppPurchase.
	TInputMap (see page 172)	This is class TInputMap.
	TLua (see page 180)	This is class TLua.
	TLuaContext (see page 191)	This is class TLuaContext.
	TPolyPoint (see page 203)	This is class TPolyPoint.
	TPolygon (see page 208)	This is class TPolygon.
	TSocial (see page 223)	This is class TSocial.
	TSprite (see page 231)	This is class TSprite.
	TStarfield (see page 238)	This is class TStarfield.
	TTexture (see page 244)	This is class TTexture.

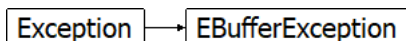
Records

	TAsync (see page 57)	This is class TAsync.
	TAudio (see page 62)	This is class TAudio.
	TCmdLine (see page 93)	This is class TCmdLine.
	TColor (see page 97)	This is class TColor.
	TController (see page 105)	This is class TController.
	THud (see page 159)	This is class THud.
	TInput (see page 166)	This is class TInput.
	TLog (see page 176)	This is class TLog.
	TLuaValue (see page 196)	This is class TLuaValue.
	TPoint (see page 200)	This is class TPoint.
	TPolypointTrace (see page 212)	This is class TPolypointTrace.
	TPrefs (see page 215)	This is class TPrefs.
	TRange (see page 217)	This is class TRange.

	TRect (see page 218)	This is class TRect.
	TScreenshake (see page 222)	This is class TScreenshake.
	TSpeech (see page 227)	This is class TSpeech.
	TTimer (see page 250)	This is class TTimer.
	TTransform (see page 252)	This is class TTransform.
	TVector (see page 257)	This is class TVector.
	TVideo (see page 264)	This is class TVideo.
	TWindow (see page 268)	This is class TWindow.

1.1.1 EBufferException

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

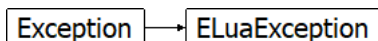
```
EBufferException = class(Exception);
```

Description

This is class EBufferException.

1.1.2 ELuaException

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

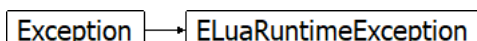
```
ELuaException = class(Exception);
```

Description

This is class ELuaException.

1.1.3 ELuaRuntimeException

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

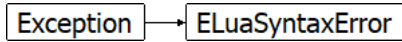
```
ELuaRuntimeException = class(Exception);
```

Description

This is class ELuaRuntimeException.

1.1.4 ELuaSyntaxError

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

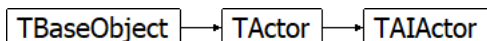
```
ELuaSyntaxError = class(Exception);
```

Description

This is class ELuaSyntaxError.

1.1.5 TAIActor

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TAIActor = class(TActor);
```


Description

This is class TAIActor.

1.1.5.1 TAIActor Fields

The fields of the TAIActor class are listed here.

Fields

	FStateMachine (see page 17)	This is FStateMachine, a member of class TAIActor.
---	------------------------------	--

1.1.5.1.1 TAIActor.FStateMachine

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStateMachine: TAISStateMachine;
```





Description

This is FStateMachine, a member of class TAIActor.

1.1.5.2 TAIActor Methods

The methods of the TAIActor class are listed here.

Methods

	Create (see page 18)	This is Create, a member of class TAIActor.
	Destroy (see page 18)	This is Destroy, a member of class TAIActor.
	OnRender (see page 18)	This is OnRender, a member of class TAIActor.
	OnUpdate (see page 18)	This is OnUpdate, a member of class TAIActor.

1.1.5.2.1 TAIActor.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TAIActor.

1.1.5.2.2 TAIActor.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAIActor.

1.1.5.2.3 TAIActor.OnRender

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRender; override;
```

Description

This is OnRender, a member of class TAIActor.

1.1.5.2.4 TAIActor.OnUpdate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnUpdate(  
    const aDeltaTime: Double  
); override;
```


Description

This is OnUpdate, a member of class TAIActor.

1.1.5.3 TAIActor Properties

The properties of the TAIActor class are listed here.

Properties

	StateMachine (see page 19)	This is StateMachine, a member of class TAIActor.
---	-----------------------------	---

1.1.5.3.1 TAIActor.StateMachine

File: DelphiGamekit.pas (see page 426)

Delphi

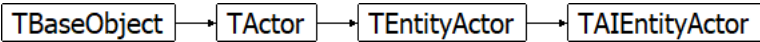
```
property StateMachine: TAIStateMachine;
```

Description

This is StateMachine, a member of class TAIActor.

1.1.6 TAIEntityActor

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TAIEntityActor = class(TEntityActor);
```

Description

This is class TAIEntityActor.

1.1.6.1 TAIEntityActor Fields

The fields of the TAIEntityActor class are listed here.

Fields

	FStateMachine (see page 19)	This is FStateMachine, a member of class TAIEntityActor.
---	------------------------------	--

1.1.6.1.1 TAIEntityActor.FStateMachine

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStateMachine: TAIStateMachine;
```





Description

This is FStateMachine, a member of class TAIEntityActor.

1.1.6.2 TAIEntityActor Methods

The methods of the TAIEntityActor class are listed here.

Methods

	Create (see page 20)	This is Create, a member of class TAIEntityActor.
	Destroy (see page 20)	This is Destroy, a member of class TAIEntityActor.
	OnRender (see page 20)	This is OnRender, a member of class TAIEntityActor.
	OnUpdate (see page 20)	This is OnUpdate, a member of class TAIEntityActor.

1.1.6.2.1 TAIEntityActor.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TAIEntityActor.

1.1.6.2.2 TAIEntityActor.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAIEntityActor.

1.1.6.2.3 TAIEntityActor.OnRender

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRender; override;
```

Description

This is OnRender, a member of class TAIEntityActor.

1.1.6.2.4 TAIEntityActor.OnUpdate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnUpdate(  
    const aDeltaTime: Double  
); override;
```

Description

This is OnUpdate, a member of class TAIEntityActor.

1.1.6.3 TAIEntityActor Properties

The properties of the TAIEntityActor class are listed here.

Properties



StateMachine (see page 20)

This is StateMachine, a member of class TAIEntityActor.

1.1.6.3.1 TAIEntityActor.StateMachine

File: DelphiGamekit.pas (see page 426)

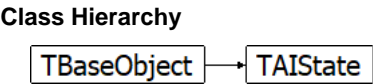
Delphi

```
property StateMachine: TAIStateMachine;
```

Description

This is StateMachine, a member of class TAIEntityActor.

1.1.7 TAIState



File: DelphiGamekit.pas (see page 426)

Delphi




```
TAIState = class(TBaseObject);
```

Description

This is class TAIState.

1.1.7.1 TAIState Fields

The fields of the TAIState class are listed here.

Fields		
	FChildren (see page 21)	This is FChildren, a member of class TAIState.
	FOwner (see page 21)	This is FOwner, a member of class TAIState.
	FStateMachine (see page 21)	This is FStateMachine, a member of class TAIState.

1.1.7.1.1 TAIState.FChildren

File: DelphiGamekit.pas (see page 426)

Delphi

```
FChildren: TActorList;
```

Description

This is FChildren, a member of class TAIState.

1.1.7.1.2 TAIState.FOwner

File: DelphiGamekit.pas (see page 426)

Delphi

```
FOwner: TObject;
```

Description

This is FOwner, a member of class TAIState.

1.1.7.1.3 TAIState.FStateMachine

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStateMachine: TAIStateMachine;
```







Description

This is FStateMachine, a member of class TAIState.

1.1.7.2 TAIState Methods

The methods of the TAIState class are listed here.

Methods

	Create (see page 22)	This is Create, a member of class TAIState.
	Destroy (see page 22)	This is Destroy, a member of class TAIState.
	OnEnter (see page 22)	This is OnEnter, a member of class TAIState.
	OnExit (see page 22)	This is OnExit, a member of class TAIState.
	OnRender (see page 23)	This is OnRender, a member of class TAIState.
	OnUpdate (see page 23)	This is OnUpdate, a member of class TAIState.

1.1.7.2.1 TAIState.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TAIState.

1.1.7.2.2 TAIState.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAIState.

1.1.7.2.3 TAIState.OnEnter

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnEnter; virtual;
```

Description

This is OnEnter, a member of class TAIState.

1.1.7.2.4 TAIState.OnExit

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnExit; virtual;
```

Description

This is OnExit, a member of class TAIState.

1.1.7.2.5 TAIState.OnRender

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRender; virtual;
```

Description

This is OnRender, a member of class TAIState.

1.1.7.2.6 TAIState.OnUpdate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnUpdate(  
    const aDeltaTime: Double  
); virtual;
```




Description

This is OnUpdate, a member of class TAIState.

1.1.7.3 TAIState Properties

The properties of the TAIState class are listed here.

Properties

	Children (see page 23)	This is Children, a member of class TAIState.
	Owner (see page 23)	This is Owner, a member of class TAIState.
	StateMachine (see page 23)	This is StateMachine, a member of class TAIState.

1.1.7.3.1 TAIState.Children

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Children: TActorList;
```

Description

This is Children, a member of class TAIState.

1.1.7.3.2 TAIState.Owner

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Owner: TObject;
```

Description

This is Owner, a member of class TAIState.

1.1.7.3.3 TAIState.StateMachine

File: DelphiGamekit.pas (see page 426)

Delphi

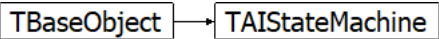
```
property StateMachine: TAIStateMachine;
```

Description

This is StateMachine, a member of class TAIState.

1.1.8 TAIStateMachine

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TAIStateMachine = class(TBaseObject);
```

Description

This is class TAIStateMachine.

1.1.8.1 TAIStateMachine Fields

The fields of the TAIStateMachine class are listed here.

Fields

	FCurrentState (see page 24)	This is FCurrentState, a member of class TAIStateMachine.
	FGlobalState (see page 24)	This is FGlobalState, a member of class TAIStateMachine.
	FOwner (see page 25)	This is FOwner, a member of class TAIStateMachine.
	FPreviousState (see page 25)	This is FPreviousState, a member of class TAIStateMachine.
	FStateIndex (see page 25)	This is FStateIndex, a member of class TAIStateMachine.
	FStateList (see page 25)	This is FStateList, a member of class TAIStateMachine.

1.1.8.1.1 TAIStateMachine.FCurrentState

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCurrentState: TAIState;
```

Description

This is FCurrentState, a member of class TAIStateMachine.

1.1.8.1.2 TAIStateMachine.FGlobalState

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGlobalState: TAIState;
```

Description

This is FGlobalState, a member of class TAIStateMachine.

1.1.8.1.3 TAIStateMachine.FOwner

File: DelphiGamekit.pas (see page 426)

Delphi

```
FOwner: TActor;
```

Description

This is FOwner, a member of class TAIStateMachine.

1.1.8.1.4 TAIStateMachine.FPreviousState

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPreviousState: TAIState;
```

Description

This is FPreviousState, a member of class TAIStateMachine.

1.1.8.1.5 TAIStateMachine.FStateIndex

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStateIndex: Integer;
```

Description

This is FStateIndex, a member of class TAIStateMachine.

1.1.8.1.6 TAIStateMachine.FStateList

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStateList: TObjectList;
```








Description


















This is FStateList, a member of class TAIStateMachine.

1.1.8.2 TAIStateMachine Methods

The methods of the TAIStateMachine class are listed here.

Methods

	AddState (see page 26)	This is AddState, a member of class TAIStateMachine.
	ChangeState (see page 26)	This is ChangeState, a member of class TAIStateMachine.
	ChangeStateObj (see page 26)	This is ChangeStateObj, a member of class TAIStateMachine.
	ClearStates (see page 27)	This is ClearStates, a member of class TAIStateMachine.
	Create (see page 27)	This is Create, a member of class TAIStateMachine.
	Destroy (see page 27)	This is Destroy, a member of class TAIStateMachine.
	GetCurrentState (see page 27)	This is GetCurrentState, a member of class TAIStateMachine.
	GetGlobalState (see page 27)	This is GetGlobalState, a member of class TAIStateMachine.

	GetPreviousState (see page 27)	This is GetPreviousState, a member of class TAIStateMachine.
	GetStateCount (see page 28)	This is GetStateCount, a member of class TAIStateMachine.
	GetStateIndex (see page 28)	This is GetStateIndex, a member of class TAIStateMachine.
	GetStates (see page 28)	This is GetStates, a member of class TAIStateMachine.
	NextState (see page 28)	This is NextState, a member of class TAIStateMachine.
	PrevState (see page 28)	This is PrevState, a member of class TAIStateMachine.
	RemoveState (see page 29)	This is RemoveState, a member of class TAIStateMachine.
	RemoveStateObj (see page 29)	This is RemoveStateObj, a member of class TAIStateMachine.
	Render (see page 29)	This is Render, a member of class TAIStateMachine.
	RevertToPreviousState (see page 29)	This is RevertToPreviousState, a member of class TAIStateMachine.
	SetCurrentState (see page 29)	This is SetCurrentState, a member of class TAIStateMachine.
	SetCurrentStateObj (see page 30)	This is SetCurrentStateObj, a member of class TAIStateMachine.
	SetGlobalState (see page 30)	This is SetGlobalState, a member of class TAIStateMachine.
	SetGlobalStateObj (see page 30)	This is SetGlobalStateObj, a member of class TAIStateMachine.
	SetPreviousState (see page 30)	This is SetPreviousState, a member of class TAIStateMachine.
	SetPreviousStateObj (see page 30)	This is SetPreviousStateObj, a member of class TAIStateMachine.
	Update (see page 31)	This is Update, a member of class TAIStateMachine.

1.1.8.2.1 TAIStateMachine.AddState

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AddState(
    const aState: TAIState
): Integer;
```

Description

This is AddState, a member of class TAIStateMachine.

1.1.8.2.2 TAIStateMachine.ChangeState

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ChangeState(
    const aIndex: Integer
);
```

Description

This is ChangeState, a member of class TAIStateMachine.

1.1.8.2.3 TAIStateMachine.ChangeStateObj

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ChangeStateObj(
    aValue: TAIState
);
```

Description

This is ChangeStateObj, a member of class TAIStateMachine.

1.1.8.2.4 TAIStateMachine.ClearStates

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClearStates;
```

Description

This is ClearStates, a member of class TAIStateMachine.

1.1.8.2.5 TAIStateMachine.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TAIStateMachine.

1.1.8.2.6 TAIStateMachine.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAIStateMachine.

1.1.8.2.7 TAIStateMachine.GetCurrentState

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetCurrentState: Integer;
```

Description

This is GetCurrentState, a member of class TAIStateMachine.

1.1.8.2.8 TAIStateMachine.GetGlobalState

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetGlobalState: Integer;
```

Description

This is GetGlobalState, a member of class TAIStateMachine.

1.1.8.2.9 TAIStateMachine.GetPreviousState

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetPreviousState: Integer;
```

Description

This is GetPreviousState, a member of class TAIStateMachine.

1.1.8.2.10 TAIStateMachine.GetStateCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetStateCount: Integer;
```

Description

This is GetStateCount, a member of class TAIStateMachine.

1.1.8.2.11 TAIStateMachine.GetStateIndex

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetStateIndex: Integer;
```

Description

This is GetStateIndex, a member of class TAIStateMachine.

1.1.8.2.12 TAIStateMachine.GetStates

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetStates(  
    aIndex: Integer  
): TAIState;
```

Description

This is GetStates, a member of class TAIStateMachine.

1.1.8.2.13 TAIStateMachine.NextState

File: DelphiGamekit.pas (see page 426)

Delphi

```
function NextState(  
    const aWrap: Boolean  
): Integer;
```

Description

This is NextState, a member of class TAIStateMachine.

1.1.8.2.14 TAIStateMachine.PrevState

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PrevState(  

```

```
    const aWrap: Boolean  
): Integer;
```

Description

This is PrevState, a member of class TAIStateMachine.

1.1.8.2.15 TAIStateMachine.RemoveState

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RemoveState(  
    const aIndex: Integer  
);
```

Description

This is RemoveState, a member of class TAIStateMachine.

1.1.8.2.16 TAIStateMachine.RemoveStateObj

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RemoveStateObj(  
    aState: TAIState  
);
```

Description

This is RemoveStateObj, a member of class TAIStateMachine.

1.1.8.2.17 TAIStateMachine.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render;
```

Description

This is Render, a member of class TAIStateMachine.

1.1.8.2.18 TAIStateMachine.RevertToPreviousState

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RevertToPreviousState;
```

Description

This is RevertToPreviousState, a member of class TAIStateMachine.

1.1.8.2.19 TAIStateMachine.SetCurrentState

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetCurrentState(  
    aIndex: Integer  
);
```

Description

This is SetCurrentState, a member of class TAIStateMachine.

1.1.8.2.20 TAIStateMachine.SetCurrentStateObj

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetCurrentStateObj(  
    aValue: TAIState  
);
```

Description

This is SetCurrentStateObj, a member of class TAIStateMachine.

1.1.8.2.21 TAIStateMachine.SetGlobalState

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetGlobalState(  
    aIndex: Integer  
);
```

Description

This is SetGlobalState, a member of class TAIStateMachine.

1.1.8.2.22 TAIStateMachine.SetGlobalStateObj

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetGlobalStateObj(  
    aValue: TAIState  
);
```

Description

This is SetGlobalStateObj, a member of class TAIStateMachine.

1.1.8.2.23 TAIStateMachine.SetPreviousState

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetPreviousState(  
    aIndex: Integer  
);
```

Description

This is SetPreviousState, a member of class TAIStateMachine.

1.1.8.2.24 TAIStateMachine.SetPreviousStateObj

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetPreviousStateObj(  

```

```
    aValue: TAIState
  );
```

Description

This is SetPreviousStateObj, a member of class TAIStateMachine.

1.1.8.2.25 TAIStateMachine.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Update(
  const aDeltaTime: Double
);
```








Description

This is Update, a member of class TAIStateMachine.

1.1.8.3 TAIStateMachine Properties

The properties of the TAIStateMachine class are listed here.

Properties

	CurrentState (see page 31)	This is CurrentState, a member of class TAIStateMachine.
	GlobalState (see page 31)	This is GlobalState, a member of class TAIStateMachine.
	Owner (see page 31)	This is Owner, a member of class TAIStateMachine.
	PreviousState (see page 32)	This is PreviousState, a member of class TAIStateMachine.
 R	StateCount (see page 32)	This is StateCount, a member of class TAIStateMachine.
 R	StateIndex (see page 32)	This is StateIndex, a member of class TAIStateMachine.
 R	States (see page 32)	This is States, a member of class TAIStateMachine.

1.1.8.3.1 TAIStateMachine.CurrentState

File: DelphiGamekit.pas (see page 426)

Delphi

```
property CurrentState: Integer;
```

Description

This is CurrentState, a member of class TAIStateMachine.

1.1.8.3.2 TAIStateMachine.GlobalState

File: DelphiGamekit.pas (see page 426)

Delphi

```
property GlobalState: Integer;
```

Description

This is GlobalState, a member of class TAIStateMachine.

1.1.8.3.3 TAIStateMachine.Owner

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Owner: TActor;
```

Description

This is Owner, a member of class TAIStateMachine.

1.1.8.3.4 TAIStateMachine.PreviousState

File: DelphiGamekit.pas (see page 426)

Delphi

```
property PreviousState: Integer;
```

Description

This is PreviousState, a member of class TAIStateMachine.

1.1.8.3.5 TAIStateMachine.StateCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
property StateCount: Integer;
```

Description

This is StateCount, a member of class TAIStateMachine.

1.1.8.3.6 TAIStateMachine.StateIndex

File: DelphiGamekit.pas (see page 426)

Delphi

```
property StateIndex: Integer;
```

Description

This is StateIndex, a member of class TAIStateMachine.

1.1.8.3.7 TAIStateMachine.States

File: DelphiGamekit.pas (see page 426)

Delphi

```
property States [aIndex: Integer]: TAIState;
```

Description

This is States, a member of class TAIStateMachine.

1.1.9 TAScreenshake

Class Hierarchy

TAScreenshake

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAScreenshake = class;
```






Description

This is class TAScreenshake.

1.1.9.1 TAScreenshake Fields

The fields of the TAScreenshake class are listed here.

Fields

	FActive (see page 33)	This is FActive, a member of class TAScreenshake.
	FDuration (see page 33)	This is FDuration, a member of class TAScreenshake.
	FMagnitude (see page 33)	This is FMagnitude, a member of class TAScreenshake.
	FPos (see page 33)	This is FPos, a member of class TAScreenshake.
	FTimer (see page 34)	This is FTimer, a member of class TAScreenshake.

1.1.9.1.1 TAScreenshake.FActive

File: DelphiGamekit.pas (see page 426)

Delphi

```
FActive: Boolean;
```

Description

This is FActive, a member of class TAScreenshake.

1.1.9.1.2 TAScreenshake.FDuration

File: DelphiGamekit.pas (see page 426)

Delphi

```
FDuration: Single;
```

Description

This is FDuration, a member of class TAScreenshake.

1.1.9.1.3 TAScreenshake.FMagnitude

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMagnitude: Single;
```

Description

This is FMagnitude, a member of class TAScreenshake.

1.1.9.1.4 TAScreenshake.FPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPos: TPoint;
```

Description

This is FPos, a member of class TAScreenshake.

1.1.9.1.5 TAScreenshake.FTimer

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTimer: Single;
```




Description

This is FTimer, a member of class TAScreenshake.

1.1.9.2 TAScreenshake Methods

The methods of the TAScreenshake class are listed here.

Methods

	Create (see page 34)	This is Create, a member of class TAScreenshake.
	Destroy (see page 34)	This is Destroy, a member of class TAScreenshake.
	Process (see page 34)	This is Process, a member of class TAScreenshake.

1.1.9.2.1 TAScreenshake.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
    aDuration: Single;  
    aMagnitude: Single  
);
```

Description

This is Create, a member of class TAScreenshake.

1.1.9.2.2 TAScreenshake.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAScreenshake.

1.1.9.2.3 TAScreenshake.Process

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Process(  
    aSpeed: Single;  
    aDeltaTime: Double  
);
```

Description

This is Process, a member of class TAScreenshake.

1.1.9.3 TAScreenshake Properties

The properties of the TAScreenshake class are listed here.

Properties

	Active (see page 35)	This is Active, a member of class TAScreenshake.
---	-----------------------	--

1.1.9.3.1 TAScreenshake.Active

File: DelphiGamekit.pas (see page 426)

Delphi

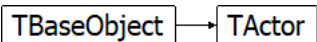
```
property Active: Boolean;
```

Description

This is Active, a member of class TAScreenshake.

1.1.10 TActor

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TActor = class(TBaseObject);
```









Description

This is class TActor.

1.1.10.1 TActor Fields

The fields of the TActor class are listed here.

Fields

	FActorList (see page 36)	This is FActorList, a member of class TActor.
	FAttributes (see page 36)	This is FAttributes, a member of class TActor.
	FCanCollide (see page 36)	This is FCanCollide, a member of class TActor.
	FChildren (see page 36)	This is FChildren, a member of class TActor.
	FNext (see page 36)	This is FNext, a member of class TActor.
	FOwner (see page 36)	This is FOwner, a member of class TActor.
	FPrev (see page 37)	This is FPrev, a member of class TActor.
	FTerminated (see page 37)	This is FTerminated, a member of class TActor.

1.1.10.1.1 TActor.FActorList

File: DelphiGamekit.pas (see page 426)

Delphi

```
FActorList: TActorList;
```

Description

This is FActorList, a member of class TActor.

1.1.10.1.2 TActor.FAttributes

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAttributes: TActorAttributeSet;
```

Description

This is FAttributes, a member of class TActor.

1.1.10.1.3 TActor.FCanCollide

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCanCollide: Boolean;
```

Description

This is FCanCollide, a member of class TActor.

1.1.10.1.4 TActor.FChildren

File: DelphiGamekit.pas (see page 426)

Delphi

```
FChildren: TActorList;
```

Description

This is FChildren, a member of class TActor.

1.1.10.1.5 TActor.FNext

File: DelphiGamekit.pas (see page 426)

Delphi

```
FNext: TActor;
```

Description

This is FNext, a member of class TActor.

1.1.10.1.6 TActor.FOwner

File: DelphiGamekit.pas (see page 426)

Delphi

```
FOwner: TActorList;
```

Description

This is FOwner, a member of class TActor.

1.1.10.1.7 TActor.FPrev

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPrev: TActor;
```

Description

This is FPrev, a member of class TActor.

1.1.10.1.8 TActor.FTerminated

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTerminated: Boolean;
```
















Description

This is FTerminated, a member of class TActor.

1.1.10.2 TActor Methods

The methods of the TActor class are listed here.

Methods

	AttributesAreSet (see page 37)	This is AttributesAreSet, a member of class TActor.
	Collide (see page 38)	This is Collide, a member of class TActor.
	Create (see page 38)	This is Create, a member of class TActor.
	Destroy (see page 38)	This is Destroy, a member of class TActor.
	GetAttribute (see page 38)	This is GetAttribute, a member of class TActor.
	GetAttributes (see page 38)	This is GetAttributes, a member of class TActor.
	OnCollide (see page 39)	This is OnCollide, a member of class TActor.
	OnMessage (see page 39)	This is OnMessage, a member of class TActor.
	OnRender (see page 39)	This is OnRender, a member of class TActor.
	OnUpdate (see page 39)	This is OnUpdate, a member of class TActor.
	OnVisit (see page 39)	This is OnVisit, a member of class TActor.
	Overlap (see page 40)	This is Overlap, a member of class TActor.
	Overlap (see page 40)	This is Overlap, a member of class TActor.
	SetAttribute (see page 40)	This is SetAttribute, a member of class TActor.
	SetAttributes (see page 40)	This is SetAttributes, a member of class TActor.

1.1.10.2.1 TActor.AttributesAreSet

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AttributesAreSet(  
    const aAttrs: TActorAttributeSet  
): Boolean;
```

Description

This is AttributesAreSet, a member of class TActor.

1.1.10.2.2 TActor.Collide

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Collide(  
    const aActor: TActor;  
    var aHitPos: TPoint  
): Boolean; virtual;
```

Description

This is Collide, a member of class TActor.

1.1.10.2.3 TActor.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TActor.

1.1.10.2.4 TActor.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TActor.

1.1.10.2.5 TActor.GetAttribute

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetAttribute(  
    aIndex: Byte  
): Boolean;
```

Description

This is GetAttribute, a member of class TActor.

1.1.10.2.6 TActor.GetAttributes

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetAttributes: TActorAttributeSet;
```

Description

This is GetAttributes, a member of class TActor.

1.1.10.2.7 TActor.OnCollide

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnCollide(  
    const aActor: TActor;  
    const aHitPos: TPoint  
); virtual;
```

Description

This is OnCollide, a member of class TActor.

1.1.10.2.8 TActor.OnMessage

File: DelphiGamekit.pas (see page 426)

Delphi

```
function OnMessage(  
    const aMsg: PActorMessage  
): TActor; virtual;
```

Description

This is OnMessage, a member of class TActor.

1.1.10.2.9 TActor.OnRender

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRender; virtual;
```

Description

This is OnRender, a member of class TActor.

1.1.10.2.10 TActor.OnUpdate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnUpdate(  
    const aDeltaTime: Double  
); virtual;
```

Description

This is OnUpdate, a member of class TActor.

1.1.10.2.11 TActor.OnVisit

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnVisit(  
    const aSender: TActor;  
    const aEventId: Integer;  
    var aDone: Boolean  
); virtual;
```

Description

This is OnVisit, a member of class TActor.

1.1.10.2.12 TActor.Overlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Overlap(  
    const aX: Single;  
    const aY: Single;  
    const aRadius: Single;  
    const aShrinkFactor: Single  
): Boolean; virtual; overload;
```

Description

This is Overlap, a member of class TActor.

1.1.10.2.13 TActor.Overlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Overlap(  
    const aActor: TActor  
): Boolean; virtual; overload;
```

Description

This is Overlap, a member of class TActor.

1.1.10.2.14 TActor.SetAttribute

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetAttribute(  
    aIndex: Byte;  
    aValue: Boolean  
);
```

Description

This is SetAttribute, a member of class TActor.

1.1.10.2.15 TActor.SetAttributes

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetAttributes(  
    aValue: TActorAttributeSet  
);
```










Description

This is SetAttributes, a member of class TActor.

1.1.10.3 TActor Properties

The properties of the TActor class are listed here.

Properties

	ActorList (see page 41)	This is ActorList, a member of class TActor.
	Attribute (see page 41)	This is Attribute, a member of class TActor.
	Attributes (see page 41)	This is Attributes, a member of class TActor.
	CanCollide (see page 41)	This is CanCollide, a member of class TActor.
	Children (see page 42)	This is Children, a member of class TActor.
	Next (see page 42)	This is Next, a member of class TActor.
	Owner (see page 42)	This is Owner, a member of class TActor.
	Prev (see page 42)	This is Prev, a member of class TActor.
	Terminated (see page 42)	This is Terminated, a member of class TActor.

1.1.10.3.1 TActor.ActorList

File: DelphiGamekit.pas (see page 426)

Delphi

```
property ActorList: TActorList;
```

Description

This is ActorList, a member of class TActor.

1.1.10.3.2 TActor.Attribute

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Attribute [aIndex: Byte]: Boolean;
```

Description

This is Attribute, a member of class TActor.

1.1.10.3.3 TActor.Attributes

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Attributes: TActorAttributeSet;
```

Description

This is Attributes, a member of class TActor.

1.1.10.3.4 TActor.CanCollide

File: DelphiGamekit.pas (see page 426)

Delphi

```
property CanCollide: Boolean;
```

Description

This is CanCollide, a member of class TActor.

1.1.10.3.5 TActor.Children

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Children: TActorList;
```

Description

This is Children, a member of class TActor.

1.1.10.3.6 TActor.Next

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Next: TActor;
```

Description

This is Next, a member of class TActor.

1.1.10.3.7 TActor.Owner

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Owner: TActorList;
```

Description

This is Owner, a member of class TActor.

1.1.10.3.8 TActor.Prev

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Prev: TActor;
```

Description

This is Prev, a member of class TActor.

1.1.10.3.9 TActor.Terminated

File: DelphiGamekit.pas (see page 426)

Delphi

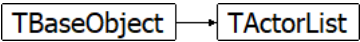
```
property Terminated: Boolean;
```

Description

This is Terminated, a member of class TActor.

1.1.11 TActorList

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TActorList = class(TBaseObject);
```




Description

This is class TActorList.

1.1.11.1 TActorList Fields

The fields of the TActorList class are listed here.

Fields

	FCount (see page 43)	This is FCount, a member of class TActorList.
	FHead (see page 43)	This is FHead, a member of class TActorList.
	FTail (see page 43)	This is FTail, a member of class TActorList.

1.1.11.1.1 TActorList.FCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCount: Integer;
```

Description

This is FCount, a member of class TActorList.

1.1.11.1.2 TActorList.FHead

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHead: TActor;
```

Description

This is FHead, a member of class TActorList.

1.1.11.1.3 TActorList.FTail

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTail: TActor;
```












Description

This is FTail, a member of class TActorList.

1.1.11.2 TActorList Methods

The methods of the TActorList class are listed here.

Methods

	Add (see page 44)	This is Add, a member of class TActorList.
	CheckCollision (see page 44)	This is CheckCollision, a member of class TActorList.
	Clean (see page 44)	This is Clean, a member of class TActorList.
	Clear (see page 45)	This is Clear, a member of class TActorList.
 V	Create (see page 45)	This is Create, a member of class TActorList.
 V	Destroy (see page 45)	This is Destroy, a member of class TActorList.
	ForEach (see page 45)	This is ForEach, a member of class TActorList.
	Remove (see page 45)	This is Remove, a member of class TActorList.
	Render (see page 46)	This is Render, a member of class TActorList.
	SendMessage (see page 46)	This is SendMessage, a member of class TActorList.
	Update (see page 46)	This is Update, a member of class TActorList.

1.1.11.2.1 TActorList.Add

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Add(  
    const aActor: TActor  
);
```

Description

This is Add, a member of class TActorList.

1.1.11.2.2 TActorList.CheckCollision

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CheckCollision(  
    const aAttrs: TActorAttributeSet;  
    const aActor: TActor  
);
```

Description

This is CheckCollision, a member of class TActorList.

1.1.11.2.3 TActorList.Clean

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clean;
```

Description

This is Clean, a member of class TActorList.

1.1.11.2.4 TActorList.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear(  
    const aAttrs: TActorAttributeSet  
);
```

Description

This is Clear, a member of class TActorList.

1.1.11.2.5 TActorList.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TActorList.

1.1.11.2.6 TActorList.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TActorList.

1.1.11.2.7 TActorList.ForEach

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ForEach(  
    const aSender: TActor;  
    const aAttrs: TActorAttributeSet;  
    const aEventId: Integer;  
    var aDone: Boolean  
);
```

Description

This is ForEach, a member of class TActorList.

1.1.11.2.8 TActorList.Remove

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Remove(  
    const aActor: TActor;  
    const aDispose: Boolean  
);
```

Description

This is Remove, a member of class TActorList.

1.1.11.2.9 TActorList.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
    const aAttrs: TActorAttributeSet  
);
```

Description

This is Render, a member of class TActorList.

1.1.11.2.10 TActorList.SendMessage

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SendMessage(  
    const aAttrs: TActorAttributeSet;  
    const aMsg: PActorMessage;  
    const aBroadcast: Boolean  
): TActor;
```

Description

This is SendMessage, a member of class TActorList.

1.1.11.2.11 TActorList.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Update(  
    const aAttrs: TActorAttributeSet;  
    const aDeltaTime: Double  
);
```


Description

This is Update, a member of class TActorList.

1.1.11.3 TActorList Properties

The properties of the TActorList class are listed here.

Properties

	Count (see page 46)	This is Count, a member of class TActorList.
---	----------------------	--

1.1.11.3.1 TActorList.Count

File: DelphiGamekit.pas (see page 426)

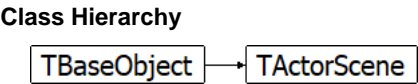
Delphi

```
property Count: Integer;
```

Description

This is Count, a member of class TActorList.

1.1.12 TActorScene



File: DelphiGamekit.pas (see page 426)

Delphi



```
TActorScene = class(TBaseObject);
```

Description

This is class TActorScene.

1.1.12.1 TActorScene Fields

The fields of the TActorScene class are listed here.

Fields		
	FCount (see page 47)	This is FCount, a member of class TActorScene.
	FLists (see page 47)	This is FLists, a member of class TActorScene.

1.1.12.1.1 TActorScene.FCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCount: Integer;
```

Description

This is FCount, a member of class TActorScene.

1.1.12.1.2 TActorScene.FLists

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLists: array of TActorList;
```













Description

This is FLists, a member of class TActorScene.

1.1.12.2 TActorScene Methods

The methods of the TActorScene class are listed here.

Methods

	Alloc (see page 48)	This is Alloc, a member of class TActorScene.
	Clean (see page 48)	This is Clean, a member of class TActorScene.
	Clear (see page 48)	This is Clear, a member of class TActorScene.
	ClearAll (see page 48)	This is ClearAll, a member of class TActorScene.
	Create (see page 49)	This is Create, a member of class TActorScene.
	Dealloc (see page 49)	This is Dealloc, a member of class TActorScene.
	Destroy (see page 49)	This is Destroy, a member of class TActorScene.
	GetCount (see page 49)	This is GetCount, a member of class TActorScene.
	GetList (see page 49)	This is GetList, a member of class TActorScene.
	Render (see page 50)	This is Render, a member of class TActorScene.
	SendMessage (see page 50)	This is SendMessage, a member of class TActorScene.
	Update (see page 50)	This is Update, a member of class TActorScene.

1.1.12.2.1 TActorScene.Alloc

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Alloc(  
    const aNum: Integer  
);
```

Description

This is Alloc, a member of class TActorScene.

1.1.12.2.2 TActorScene.Clean

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clean(  
    const aIndex: Integer  
);
```

Description

This is Clean, a member of class TActorScene.

1.1.12.2.3 TActorScene.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear(  
    const aIndex: Integer;  
    const aAttrs: TActorAttributeSet  
);
```

Description

This is Clear, a member of class TActorScene.

1.1.12.2.4 TActorScene.ClearAll

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClearAll;
```

Description

This is ClearAll, a member of class TActorScene.

1.1.12.2.5 TActorScene.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TActorScene.

1.1.12.2.6 TActorScene.Dealloc

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Dealloc;
```

Description

This is Dealloc, a member of class TActorScene.

1.1.12.2.7 TActorScene.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TActorScene.

1.1.12.2.8 TActorScene.GetCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetCount: Integer;
```

Description

This is GetCount, a member of class TActorScene.

1.1.12.2.9 TActorScene.GetList

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetList(  
    aIndex: Integer  
): TActorList;
```

Description

This is GetList, a member of class TActorScene.

1.1.12.2.10 TActorScene.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
  const aAttrs: TActorAttributeSet;  
  const aBefore: TActorSceneEvent;  
  const aAfter: TActorSceneEvent  
);
```

Description

This is Render, a member of class TActorScene.

1.1.12.2.11 TActorScene.SendMessage

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SendMessage(  
  const aAttrs: TActorAttributeSet;  
  const aMsg: PActorMessage;  
  const aBroadcast: Boolean  
): TActor;
```

Description

This is SendMessage, a member of class TActorScene.

1.1.12.2.12 TActorScene.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Update(  
  const aAttrs: TActorAttributeSet;  
  const aDeltaTime: Double  
);
```



Description

This is Update, a member of class TActorScene.

1.1.12.3 TActorScene Properties

The properties of the TActorScene class are listed here.

Properties

	Count (see page 50)	This is Count, a member of class TActorScene.
	Lists (see page 51)	This is Lists, a member of class TActorScene.

1.1.12.3.1 TActorScene.Count

File: DelphiGamekit.pas (see page 426)

Delphi

`property Count: Integer;`

Description

This is Count, a member of class TActorScene.

1.1.12.3.2 TActorScene.Lists

File: DelphiGamekit.pas (see page 426)

Delphi

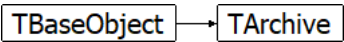
`property Lists [aIndex: Integer]: TActorList;`

Description

This is Lists, a member of class TActorScene.

1.1.13 TArchive

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

`TArchive = class(TBaseObject);`

Description

This is class TArchive.

1.1.13.1 TArchive Methods

The methods of the TArchive class are listed here.

Methods

≡	Build (see page 51)	This is Build, a member of class TArchive.
≡	Close (see page 52)	This is Close, a member of class TArchive.
≡ V	Create (see page 52)	This is Create, a member of class TArchive.
≡ V	Destroy (see page 52)	This is Destroy, a member of class TArchive.
≡	FileExist (see page 52)	This is FileExist, a member of class TArchive.
≡	IsOpen (see page 52)	This is IsOpen, a member of class TArchive.
≡	Open (see page 53)	This is Open, a member of class TArchive.
≡	OpenFile (see page 53)	This is OpenFile, a member of class TArchive.
≡	OpenFileBuffer (see page 53)	This is OpenFileBuffer, a member of class TArchive.
≡	OpenFileRWops (see page 53)	This is OpenFileRWops, a member of class TArchive.
≡	OpenRes (see page 54)	This is OpenRes, a member of class TArchive.

1.1.13.1.1 TArchive.Build

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Build(  
    const aPassword: string;  
    const aArchive: string;  
    const aFolder: string  
): Boolean;
```

Description

This is Build, a member of class TArchive.

1.1.13.1.2 TArchive.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TArchive.

1.1.13.1.3 TArchive.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TArchive.

1.1.13.1.4 TArchive.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TArchive.

1.1.13.1.5 TArchive.FileExist

File: DelphiGamekit.pas (see page 426)

Delphi

```
function FileExist(  
    const aFilename: string  
): Boolean;
```

Description

This is FileExist, a member of class TArchive.

1.1.13.1.6 TArchive.IsOpen

File: DelphiGamekit.pas (see page 426)

Delphi

```
function IsOpen: Boolean;
```

Description

This is IsOpen, a member of class TArchive.

1.1.13.1.7 TArchive.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Open(  
    const aPassword: string;  
    const aArchive: string  
): Boolean; overload;
```

Description

This is Open, a member of class TArchive.

1.1.13.1.8 TArchive.OpenFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
function OpenFile(  
    const aFilename: string  
): TArchiveFile;
```

Description

This is OpenFile, a member of class TArchive.

1.1.13.1.9 TArchive.OpenFileBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
function OpenFileBuffer(  
    const aFilename: string  
): TBuffer;
```

Description

This is OpenFileBuffer, a member of class TArchive.

1.1.13.1.10 TArchive.OpenFileRWops

File: DelphiGamekit.pas (see page 426)

Delphi

```
function OpenFileRWops(  
    const aFilename: string  
): PSDL_RWops;
```

Description

This is OpenFileRWops, a member of class TArchive.

1.1.13.1.11 TArchive.OpenRes

File: DelphiGamekit.pas (see page 426)

Delphi

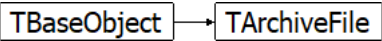
```
function OpenRes (
    const aPassword: string;
    const aResName: string
): Boolean; overload;
```

Description

This is OpenRes, a member of class TArchive.

1.1.14 TArchiveFile

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TArchiveFile = class(TBaseObject);
```

Description

This is class TArchiveFile.

1.1.14.1 TArchiveFile Methods

The methods of the TArchiveFile class are listed here.

Methods

	Close (see page 54)	This is Close, a member of class TArchiveFile.
	Create (see page 55)	This is Create, a member of class TArchiveFile.
	Destroy (see page 55)	This is Destroy, a member of class TArchiveFile.
	GetPos (see page 55)	This is GetPos, a member of class TArchiveFile.
	GetRWops (see page 55)	This is GetRWops, a member of class TArchiveFile.
	GetRWopsRes (see page 55)	This is GetRWopsRes, a member of class TArchiveFile.
	IsOpen (see page 56)	This is IsOpen, a member of class TArchiveFile.
	Open (see page 56)	This is Open, a member of class TArchiveFile.
	OpenRes (see page 56)	This is OpenRes, a member of class TArchiveFile.
	ReadData (see page 56)	This is ReadData, a member of class TArchiveFile.
	SaveToBuffer (see page 57)	This is SaveToBuffer, a member of class TArchiveFile.
	SaveToFile (see page 57)	This is SaveToFile, a member of class TArchiveFile.
	SetPos (see page 57)	This is SetPos, a member of class TArchiveFile.
	Size (see page 57)	This is Size, a member of class TArchiveFile.

1.1.14.1.1 TArchiveFile.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TArchiveFile.

1.1.14.1.2 TArchiveFile.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TArchiveFile.

1.1.14.1.3 TArchiveFile.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TArchiveFile.

1.1.14.1.4 TArchiveFile.GetPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetPos: Int64;
```

Description

This is GetPos, a member of class TArchiveFile.

1.1.14.1.5 TArchiveFile.GetRWops

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRWops(  
    const aPassword: string;  
    const aArchive: string;  
    const aFilename: string  
): PSDL_RWops;
```

Description

This is GetRWops, a member of class TArchiveFile.

1.1.14.1.6 TArchiveFile.GetRWopsRes

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRWopsRes(  

```

```
    const aPassword: string;  
    const aResName: string;  
    const aFilename: string  
  ): PSDL_RWops;
```

Description

This is GetRWopsRes, a member of class TArchiveFile.

1.1.14.1.7 TArchiveFile.IsOpen

File: DelphiGamekit.pas (see page 426)

Delphi

```
function IsOpen: Boolean;
```

Description

This is IsOpen, a member of class TArchiveFile.

1.1.14.1.8 TArchiveFile.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Open(  
  const aPassword: string;  
  const aArchive: string;  
  const aFilename: string  
): Boolean; overload;
```

Description

This is Open, a member of class TArchiveFile.

1.1.14.1.9 TArchiveFile.OpenRes

File: DelphiGamekit.pas (see page 426)

Delphi

```
function OpenRes(  
  const aPassword: string;  
  const aResName: string;  
  const aFilename: string  
): Boolean; overload;
```

Description

This is OpenRes, a member of class TArchiveFile.

1.1.14.1.10 TArchiveFile.ReadData

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ReadData(  
  aBuffer: Pointer;  
  aCount: NativeInt  
): NativeInt;
```

Description

This is ReadData, a member of class TArchiveFile.

1.1.14.1.11 TArchiveFile.SaveToBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SaveToBuffer: TBuffer;
```

Description

This is SaveToBuffer, a member of class TArchiveFile.

1.1.14.1.12 TArchiveFile.SaveToFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SaveToFile(  
    const aFilename: string  
): Boolean;
```

Description

This is SaveToFile, a member of class TArchiveFile.

1.1.14.1.13 TArchiveFile.SetPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SetPos(  
    aPos: Int64  
): Int64;
```

Description

This is SetPos, a member of class TArchiveFile.

1.1.14.1.14 TArchiveFile.Size

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Size: Int64;
```

Description

This is Size, a member of class TArchiveFile.

1.1.15 TAsync

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAsync = record  
end;
```








Description

This is class TAsync.

1.1.15.1 TAsync Methods

The methods of the TAsync class are listed here.

Methods

	Busy (see page 58)	This is Busy, a member of class TAsync.
	Enter (see page 58)	This is Enter, a member of class TAsync.
	Leave (see page 58)	This is Leave, a member of class TAsync.
	Process (see page 58)	This is Process, a member of class TAsync.
	Resume (see page 59)	This is Resume, a member of class TAsync.
	Run (see page 59)	This is Run, a member of class TAsync.
	Suspend (see page 59)	This is Suspend, a member of class TAsync.

1.1.15.1.1 TAsync.Busy

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Busy(  
    const aName: string  
): Boolean; static;
```

Description

This is Busy, a member of class TAsync.

1.1.15.1.2 TAsync.Enter

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Enter; static;
```

Description

This is Enter, a member of class TAsync.

1.1.15.1.3 TAsync.Leave

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Leave; static;
```

Description

This is Leave, a member of class TAsync.

1.1.15.1.4 TAsync.Process

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Process; static;
```

Description

This is Process, a member of class TAsync.

1.1.15.1.5 TAsync.Resume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Resume; static;
```

Description

This is Resume, a member of class TAsync.

1.1.15.1.6 TAsync.Run

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Run(  
    const aName: string;  
    const aBackgroundTask: TAsyncProc;  
    const aWaitForgroundTask: TAsyncProc  
); static;
```

Description

This is Run, a member of class TAsync.

1.1.15.1.7 TAsync.Suspend

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Suspend; static;
```



Description

This is Suspend, a member of class TAsync.

1.1.15.2 TAsync Operators

The operators of the TAsync class are listed here.

Operators

	Finalize (see page 59)	This is Finalize, a member of class TAsync.
	Initialize (see page 60)	This is Initialize, a member of class TAsync.

1.1.15.2.1 TAsync.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TAsync  
);
```

Description

This is Finalize, a member of class TAsync.

1.1.15.2.2 TAsync.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

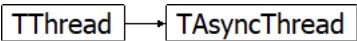
```
class operator Initialize(  
    out aDest: TAsync  
);
```

Description

This is Initialize, a member of class TAsync.

1.1.16 TAsyncThread

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TAsyncThread = class(TThread);
```

Description

This is class TAsyncThread.

1.1.16.1 TAsyncThread Fields

The fields of the TAsyncThread class are listed here.

Fields

	FFinished (see page 60)	This is FFinished, a member of class TAsyncThread.
	FTask (see page 60)	This is FTask, a member of class TAsyncThread.
	FWait (see page 61)	This is FWait, a member of class TAsyncThread.

1.1.16.1.1 TAsyncThread.FFinished

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFinished: Boolean;
```

Description

This is FFinished, a member of class TAsyncThread.

1.1.16.1.2 TAsyncThread.FTask

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTask: TAsyncProc;
```

Description

This is FTask, a member of class TAsyncThread.

1.1.16.1.3 TAsyncThread.FWait

File: DelphiGamekit.pas (see page 426)

Delphi

```
FWait: TAsyncProc;
```




Description

This is FWait, a member of class TAsyncThread.

1.1.16.2 TAsyncThread Methods

The methods of the TAsyncThread class are listed here.

Methods

	Create (see page 61)	This is Create, a member of class TAsyncThread.
	Destroy (see page 61)	This is Destroy, a member of class TAsyncThread.
	Execute (see page 61)	This is Execute, a member of class TAsyncThread.

1.1.16.2.1 TAsyncThread.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; virtual;
```

Description

This is Create, a member of class TAsyncThread.

1.1.16.2.2 TAsyncThread.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAsyncThread.

1.1.16.2.3 TAsyncThread.Execute

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Execute; override;
```




Description

This is Execute, a member of class TAsyncThread.

1.1.16.3 TAsyncThread Properties

The properties of the TAsyncThread class are listed here.

Properties

	Finished (see page 62)	This is Finished, a member of class TAsyncThread.
	TaskProc (see page 62)	This is TaskProc, a member of class TAsyncThread.
	WaitProc (see page 62)	This is WaitProc, a member of class TAsyncThread.

1.1.16.3.1 TAsyncThread.Finished

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Finished: Boolean;
```

Description

This is Finished, a member of class TAsyncThread.

1.1.16.3.2 TAsyncThread.TaskProc

File: DelphiGamekit.pas (see page 426)

Delphi

```
property TaskProc: TAsyncProc;
```

Description

This is TaskProc, a member of class TAsyncThread.

1.1.16.3.3 TAsyncThread.WaitProc

File: DelphiGamekit.pas (see page 426)

Delphi

```
property WaitProc: TAsyncProc;
```

Description

This is WaitProc, a member of class TAsyncThread.

1.1.17 TAudio

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAudio = record
end;
```

Description

This is class TAudio.

1.1.17.1 TAudio Methods

The methods of the TAudio class are listed here.

Methods

✦	AllocateSoundChannels (see page 63)	This is AllocateSoundChannels, a member of class TAudio.
✦	ExpireSound (see page 63)	This is ExpireSound, a member of class TAudio.
✦	FadeInSound (see page 64)	This is FadeInSound, a member of class TAudio.
✦	FadeOutSound (see page 64)	This is FadeOutSound, a member of class TAudio.
✦	FadingSound (see page 64)	This is FadingSound, a member of class TAudio.
✦	GetMusicVolume (see page 64)	This is GetMusicVolume, a member of class TAudio.
✦	GetSoundVolume (see page 65)	This is GetSoundVolume, a member of class TAudio.
✦	IsSoundPaused (see page 65)	This is IsSoundPaused, a member of class TAudio.
✦	IsSoundPlaying (see page 65)	This is IsSoundPlaying, a member of class TAudio.
✦	LoadMusic (see page 65)	This is LoadMusic, a member of class TAudio.
✦	LoadPlayMusic (see page 65)	This is LoadPlayMusic, a member of class TAudio.
✦	LoadSound (see page 66)	This is LoadSound, a member of class TAudio.
✦	PauseSound (see page 66)	This is PauseSound, a member of class TAudio.
✦	PlayMusic (see page 66)	This is PlayMusic, a member of class TAudio.
✦	PlaySound (see page 66)	This is PlaySound, a member of class TAudio.
✦	ReserveSoundChannels (see page 67)	This is ReserveSoundChannels, a member of class TAudio.
✦	ResumeSound (see page 67)	This is ResumeSound, a member of class TAudio.
✦	SetMusicVolume (see page 67)	This is SetMusicVolume, a member of class TAudio.
✦	SetSoundPosition (see page 67)	This is SetSoundPosition, a member of class TAudio.
✦	SetSoundVolume (see page 67)	This is SetSoundVolume, a member of class TAudio.
✦	StopSound (see page 68)	This is StopSound, a member of class TAudio.
✦	UnloadMusic (see page 68)	This is UnloadMusic, a member of class TAudio.
✦	UnloadSound (see page 68)	This is UnloadSound, a member of class TAudio.

1.1.17.1.1 TAudio.AllocateSoundChannels

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure AllocateSoundChannels(
    const aCount: Integer
); static;
```

Description

This is AllocateSoundChannels, a member of class TAudio.

1.1.17.1.2 TAudio.ExpireSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ExpireSound(
    const aChannel: Integer;
    const aMilliseconds: Integer
); static;
```

Description

This is ExpireSound, a member of class TAudio.

1.1.17.1.3 TAudio.FadeInSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function FadeInSound(  
    const aSound: TSound;  
    const aChannel: Integer;  
    const aVolume: Single;  
    const aLoops: Integer;  
    const aMilliseconds: Integer  
): Integer; static;
```

Description

This is FadeInSound, a member of class TAudio.

1.1.17.1.4 TAudio.FadeOutSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure FadeOutSound(  
    const aChannel: Integer;  
    const aMilliseconds: Integer  
); static;
```

Description

This is FadeOutSound, a member of class TAudio.

1.1.17.1.5 TAudio.FadingSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function FadingSound(  
    const aChannel: Integer  
): TAudioFading; static;
```

Description

This is FadingSound, a member of class TAudio.

1.1.17.1.6 TAudio.GetMusicVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetMusicVolume(  
    const aMusic: TMusic  
): Single; static;
```

Description

This is GetMusicVolume, a member of class TAudio.

1.1.17.1.7 TAudio.GetSoundVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetSoundVolume(  
    const aChannel: Integer  
): Single; static;
```

Description

This is GetSoundVolume, a member of class TAudio.

1.1.17.1.8 TAudio.IsSoundPaused

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function IsSoundPaused(  
    const aChannel: Integer  
): Boolean; static;
```

Description

This is IsSoundPaused, a member of class TAudio.

1.1.17.1.9 TAudio.IsSoundPlaying

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function IsSoundPlaying(  
    const aChannel: Integer  
): Boolean; static;
```

Description

This is IsSoundPlaying, a member of class TAudio.

1.1.17.1.10 TAudio.LoadMusic

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function LoadMusic(  
    const aArchive: TArchive;  
    const aFilename: string;  
    const aUseBuffer: Boolean = False  
): TMusic; static;
```

Description

This is LoadMusic, a member of class TAudio.

1.1.17.1.11 TAudio.LoadPlayMusic

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function LoadPlayMusic(  
    const aArchive: TArchive;  
    const aFilename: string;
```

```
    const aVolume: Single;  
    const aLoop: Integer;  
    const aUseBuffer: Boolean = False  
  ): TMusic; static;
```

Description

This is LoadPlayMusic, a member of class TAudio.

1.1.17.1.12 TAudio.LoadSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function LoadSound(  
    const aArchive: TArchive;  
    const aFilename: string  
): TSound; static;
```

Description

This is LoadSound, a member of class TAudio.

1.1.17.1.13 TAudio.PauseSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure PauseSound(  
    const aChannel: Integer  
); static;
```

Description

This is PauseSound, a member of class TAudio.

1.1.17.1.14 TAudio.PlayMusic

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function PlayMusic(  
    const aMusic: TMusic;  
    const aVolume: Single;  
    const aLoop: Integer  
): Boolean; static;
```

Description

This is PlayMusic, a member of class TAudio.

1.1.17.1.15 TAudio.PlaySound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function PlaySound(  
    const aSound: TSound;  
    const aChannel: Integer;  
    const aVolume: Single;  
    const aLoops: Integer  
): Integer; static;
```

Description

This is PlaySound, a member of class TAudio.

1.1.17.1.16 TAudio.ReserveSoundChannels

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ReserveSoundChannels(  
    const aCount: Integer  
); static;
```

Description

This is ReserveSoundChannels, a member of class TAudio.

1.1.17.1.17 TAudio.ResumeSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ResumeSound(  
    const aChannel: Integer  
); static;
```

Description

This is ResumeSound, a member of class TAudio.

1.1.17.1.18 TAudio.SetMusicVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetMusicVolume(  
    const aVolume: Single  
); static;
```

Description

This is SetMusicVolume, a member of class TAudio.

1.1.17.1.19 TAudio.SetSoundPosition

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function SetSoundPosition(  
    const aChannel: Integer;  
    const aAngle: SmallInt;  
    const aDistance: Byte  
): Boolean; static;
```

Description

This is SetSoundPosition, a member of class TAudio.

1.1.17.1.20 TAudio.SetSoundVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetSoundVolume(  
    const aChannel: Integer;  
    const aVolume: Single  
); static;
```

Description

This is SetSoundVolume, a member of class TAudio.

1.1.17.1.21 TAudio.StopSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure StopSound(  
    const aChannel: Integer  
); static;
```

Description

This is StopSound, a member of class TAudio.

1.1.17.1.22 TAudio.UnloadMusic

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure UnloadMusic(  
    var aMusic: TMusic  
); static;
```

Description

This is UnloadMusic, a member of class TAudio.

1.1.17.1.23 TAudio.UnloadSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure UnloadSound(  
    var aSound: TSound  
); static;
```



Description

This is UnloadSound, a member of class TAudio.

1.1.17.2 TAudio Operators

The operators of the TAudio class are listed here.

Operators

	Finalize (see page 68)	This is Finalize, a member of class TAudio.
	Initialize (see page 69)	This is Initialize, a member of class TAudio.

1.1.17.2.1 TAudio.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TAudio  
) ;
```

Description

This is Finalize, a member of class TAudio.

1.1.17.2.2 TAudio.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

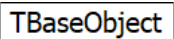
```
class operator Initialize(  
    out aDest: TAudio  
) ;
```

Description

This is Initialize, a member of class TAudio.

1.1.18 TBaseObject

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TBaseObject = class ;
```

Description

This is class TBaseObject.

1.1.18.1 TBaseObject Methods

The methods of the TBaseObject class are listed here.

Methods

	Create (see page 69)	This is Create, a member of class TBaseObject.
	Destroy (see page 70)	This is Destroy, a member of class TBaseObject.

1.1.18.1.1 TBaseObject.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; virtual;
```

Description

This is Create, a member of class TBaseObject.

1.1.18.1.2 TBaseObject.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

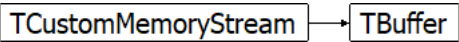
```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TBaseObject.

1.1.19 TBuffer

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TBuffer = class(TCustomMemoryStream);
```

Description

This is class TBuffer.

1.1.19.1 TBuffer Fields

The fields of the TBuffer class are listed here.

Fields

	FHandle (see page 70)	This is FHandle, a member of class TBuffer.
	FName (see page 70)	This is FName, a member of class TBuffer.

1.1.19.1.1 TBuffer.FHandle

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHandle: THandle;
```

Description

This is FHandle, a member of class TBuffer.

1.1.19.1.2 TBuffer.FName

File: DelphiGamekit.pas (see page 426)

Delphi

```
FName: string;
```










Description

This is FName, a member of class TBuffer.

1.1.19.2 TBuffer Methods

The methods of the TBuffer class are listed here.

Methods

	Clear (see page 71)	This is Clear, a member of class TBuffer.
	Create (see page 71)	This is Create, a member of class TBuffer.
	Destroy (see page 71)	This is Destroy, a member of class TBuffer.
	Eof (see page 71)	This is Eof, a member of class TBuffer.
	LoadFromFile (see page 72)	This is LoadFromFile, a member of class TBuffer.
	ReadString (see page 72)	This is ReadString, a member of class TBuffer.
	SaveToFile (see page 72)	This is SaveToFile, a member of class TBuffer.
	Write (see page 72)	This is Write, a member of class TBuffer.
	Write (see page 72)	This is Write, a member of class TBuffer.

1.1.19.2.1 TBuffer.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TBuffer.

1.1.19.2.2 TBuffer.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
    aSize: Cardinal  
);
```

Description

This is Create, a member of class TBuffer.

1.1.19.2.3 TBuffer.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TBuffer.

1.1.19.2.4 TBuffer.Eof

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Eof: Boolean;
```

Description

This is Eof, a member of class TBuffer.

1.1.19.2.5 TBuffer.LoadFromFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function LoadFromFile(  
    const aFilename: string  
): TBuffer;
```

Description

This is LoadFromFile, a member of class TBuffer.

1.1.19.2.6 TBuffer.ReadString

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ReadString: WideString;
```

Description

This is ReadString, a member of class TBuffer.

1.1.19.2.7 TBuffer.SaveToFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SaveToFile(  
    aFilename: string  
);
```

Description

This is SaveToFile, a member of class TBuffer.

1.1.19.2.8 TBuffer.Write

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Write(  
    const aBuffer;  
    aCount: Longint  
): Longint; override;
```

Description

This is Write, a member of class TBuffer.

1.1.19.2.9 TBuffer.Write

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Write(  
    const aBuffer: TBytes;
```

```
    aOffset: Longint;  
    aCount: Longint  
  ): Longint; override;
```

Description
This is Write, a member of class TBuffer.

1.1.19.3 TBuffer Properties

The properties of the TBuffer class are listed here.

Properties

	Name (see page 73)	This is Name, a member of class TBuffer.
---	---------------------	--

1.1.19.3.1 TBuffer.Name

File: DelphiGamekit.pas (see page 426)

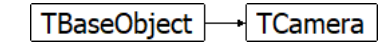
Delphi

```
property Name: string;
```

Description
This is Name, a member of class TBuffer.

1.1.20 TCamera

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi



```
TCamera = class(TBaseObject);
```

Description
This is class TCamera.

1.1.20.1 TCamera Constants

The constants of the TCamera class are listed here.

Constants

	ZOOM_MAX (see page 73)	This is ZOOM_MAX, a member of class TCamera.
	ZOOM_MIN (see page 74)	This is ZOOM_MIN, a member of class TCamera.

1.1.20.1.1 TCamera.ZOOM_MAX

File: DelphiGamekit.pas (see page 426)

Delphi

```
const ZOOM_MAX = 10.0;
```

Description

This is ZOOM_MAX, a member of class TCamera.

1.1.20.1.2 TCamera.ZOOM_MIN

File: DelphiGamekit.pas (see page 426)

Delphi

```
const ZOOM_MIN = 0.01;
```

Description

This is ZOOM_MIN, a member of class TCamera.

1.1.20.2 TCamera Methods

The methods of the TCamera class are listed here.

Methods

	Create (see page 74)	This is Create, a member of class TCamera.
	Destroy (see page 74)	This is Destroy, a member of class TCamera.
	Init (see page 74)	This is Init, a member of class TCamera.
	IsVisible (see page 75)	This is IsVisible, a member of class TCamera.
	SetBounds (see page 75)	This is SetBounds, a member of class TCamera.
	WorldToScreen (see page 75)	This is WorldToScreen, a member of class TCamera.
	WorldToScreen (see page 75)	This is WorldToScreen, a member of class TCamera.

1.1.20.2.1 TCamera.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TCamera.

1.1.20.2.2 TCamera.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TCamera.

1.1.20.2.3 TCamera.Init

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Init(  
  const aPosX: Single;  
  const aPosY: Single;
```

```
const aBoundsX: Single;  
const aBoundsY: Single;  
const aBoundsWidth: Single;  
const aBoundsHeight: Single  
);
```

Description

This is Init, a member of class TCamera.

1.1.20.2.4 TCamera.IsVisible

File: DelphiGamekit.pas (see page 426)

Delphi

```
function IsVisible(  
    const aTransform: TTransform  
): Boolean;
```

Description

This is IsVisible, a member of class TCamera.

1.1.20.2.5 TCamera.SetBounds

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetBounds(  
    const aX: Single;  
    const aY: Single;  
    const aWidth: Single;  
    const aHeight: Single  
);
```

Description

This is SetBounds, a member of class TCamera.

1.1.20.2.6 TCamera.WorldToScreen

File: DelphiGamekit.pas (see page 426)

Delphi

```
function WorldToScreen(  
    var aX: Single;  
    var aY: Single;  
    var aWidth: Single;  
    var aHeight: Single;  
    var aAngle: Single;  
    var aScale: Single;  
    const aOriginX: Single;  
    const aOriginY: Single  
): Boolean; overload;
```

Description

This is WorldToScreen, a member of class TCamera.

1.1.20.2.7 TCamera.WorldToScreen

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure WorldToScreen(  
    const aWorld: TTransform;  
    var aScreen: TTransform  
); overload;
```







Description

This is WorldToScreen, a member of class TCamera.

1.1.20.3 TCamera Properties

The properties of the TCamera class are listed here.

Properties

	Active (see page 76)	This is Active, a member of class TCamera.
	Angle (see page 76)	This is Angle, a member of class TCamera.
	Bounds (see page 76)	This is Bounds, a member of class TCamera.
	PosX (see page 76)	This is PosX, a member of class TCamera.
	PosY (see page 77)	This is PosY, a member of class TCamera.
	Zoom (see page 77)	This is Zoom, a member of class TCamera.

1.1.20.3.1 TCamera.Active

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Active: Boolean;
```

Description

This is Active, a member of class TCamera.

1.1.20.3.2 TCamera.Angle

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Angle: Single;
```

Description

This is Angle, a member of class TCamera.

1.1.20.3.3 TCamera.Bounds

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Bounds: TRect;
```

Description

This is Bounds, a member of class TCamera.

1.1.20.3.4 TCamera.PosX

File: DelphiGamekit.pas (see page 426)

Delphi

```
property PosX: Single;
```

Description

This is PosX, a member of class TCamera.

1.1.20.3.5 TCamera.PosY

File: DelphiGamekit.pas (see page 426)

Delphi

```
property PosY: Single;
```

Description

This is PosY, a member of class TCamera.

1.1.20.3.6 TCamera.Zoom

File: DelphiGamekit.pas (see page 426)

Delphi

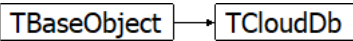
```
property Zoom: Single;
```

Description

This is Zoom, a member of class TCamera.

1.1.21 TCloudDb

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TCloudDb = class(TBaseObject);
```

Description

This is class TCloudDb.

1.1.21.1 TCloudDb Constants

The constants of the TCloudDb class are listed here.

Constants

	cURL (see page 77)	This is cURL, a member of class TCloudDb.
---	---------------------	---

1.1.21.1.1 TCloudDb.cURL

File: DelphiGamekit.pas (see page 426)

Delphi

```
const cURL = '/?apikey=%s&keyspace=%s&query=%s' ;
```













Description

This is cURL, a member of class TCloudDb.

1.1.21.2 TCloudDb Fields

The fields of the TCloudDb class are listed here.

Fields

	FApiKey (see page 78)	This is FApiKey, a member of class TCloudDb.
	FDatabase (see page 78)	This is FDatabase, a member of class TCloudDb.
	FDataset (see page 78)	This is FDataset, a member of class TCloudDb.
	FHttp (see page 79)	This is FHttp, a member of class TCloudDb.
	FJSON (see page 79)	This is FJSON, a member of class TCloudDb.
	FLastError (see page 79)	This is FLastError, a member of class TCloudDb.
	FMacros (see page 79)	This is FMacros, a member of class TCloudDb.
	FParams (see page 79)	This is FParams, a member of class TCloudDb.
	FPreparedSQL (see page 79)	This is FPreparedSQL, a member of class TCloudDb.
	FResponseText (see page 80)	This is FResponseText, a member of class TCloudDb.
	FSQL (see page 80)	This is FSQL, a member of class TCloudDb.
	FUrl (see page 80)	This is FUrl, a member of class TCloudDb.

1.1.21.2.1 TCloudDb.FApiKey

File: DelphiGamekit.pas (see page 426)

Delphi

```
FApiKey: string;
```

Description

This is FApiKey, a member of class TCloudDb.

1.1.21.2.2 TCloudDb.FDatabase

File: DelphiGamekit.pas (see page 426)

Delphi

```
FDatabase: string;
```

Description

This is FDatabase, a member of class TCloudDb.

1.1.21.2.3 TCloudDb.FDataset

File: DelphiGamekit.pas (see page 426)

Delphi

```
FDataset: TJSONArray;
```

Description

This is FDataset, a member of class TCloudDb.

1.1.21.2.4 TCloudDb.FHttp

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHttp: THTTPClient;
```

Description

This is FHttp, a member of class TCloudDb.

1.1.21.2.5 TCloudDb.FJSON

File: DelphiGamekit.pas (see page 426)

Delphi

```
FJSON: TJSONObject;
```

Description

This is FJSON, a member of class TCloudDb.

1.1.21.2.6 TCloudDb.FLastError

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLastError: string;
```

Description

This is FLastError, a member of class TCloudDb.

1.1.21.2.7 TCloudDb.FMacros

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMacros: TDictionary<string, string>;
```

Description

This is FMacros, a member of class TCloudDb.

1.1.21.2.8 TCloudDb.FParams

File: DelphiGamekit.pas (see page 426)

Delphi

```
FParams: TDictionary<string, string>;
```

Description

This is FParams, a member of class TCloudDb.

1.1.21.2.9 TCloudDb.FPreparedSQL

File: DelphiGamekit.pas (see page 426)

Delphi

FPreparedSQL: `string`;

Description

This is FPreparedSQL, a member of class TCloudDb.

1.1.21.2.10 TCloudDb.FResponseText

File: DelphiGamekit.pas (see page 426)

Delphi

FResponseText: `string`;

Description

This is FResponseText, a member of class TCloudDb.

1.1.21.2.11 TCloudDb.FSQL

File: DelphiGamekit.pas (see page 426)

Delphi

FSQL: `TStringList`;

Description

This is FSQL, a member of class TCloudDb.

1.1.21.2.12 TCloudDb.FUrl

File: DelphiGamekit.pas (see page 426)

Delphi

FUrl: `string`;













Description











This is FUrl, a member of class TCloudDb.

1.1.21.3 TCloudDb Methods

The methods of the TCloudDb class are listed here.

Methods

	AddSQLText (see page 81)	This is AddSQLText, a member of class TCloudDb.
	ClearSQLText (see page 81)	This is ClearSQLText, a member of class TCloudDb.
	Create (see page 81)	This is Create, a member of class TCloudDb.
	Destroy (see page 81)	This is Destroy, a member of class TCloudDb.
	Execute (see page 82)	This is Execute, a member of class TCloudDb.
	ExecuteSQL (see page 82)	This is ExecuteSQL, a member of class TCloudDb.
	GetField (see page 82)	This is GetField, a member of class TCloudDb.
	GetLastError (see page 82)	This is GetLastError, a member of class TCloudDb.
	GetMacro (see page 82)	This is GetMacro, a member of class TCloudDb.
	GetParam (see page 83)	This is GetParam, a member of class TCloudDb.
	GetPreparedSQL (see page 83)	This is GetPreparedSQL, a member of class TCloudDb.
	GetQueryURL (see page 83)	This is GetQueryURL, a member of class TCloudDb.

	GetResponseText (see page 83)	This is GetResponseText, a member of class TCloudDb.
	GetSQLText (see page 83)	This is GetSQLText, a member of class TCloudDb.
	Prepair (see page 84)	This is Prepair, a member of class TCloudDb.
	RecordCount (see page 84)	This is RecordCount, a member of class TCloudDb.
	SetMacro (see page 84)	This is SetMacro, a member of class TCloudDb.
	SetMacroValue (see page 84)	This is SetMacroValue, a member of class TCloudDb.
	SetParam (see page 84)	This is SetParam, a member of class TCloudDb.
	SetParamValue (see page 85)	This is SetParamValue, a member of class TCloudDb.
	SetSQLText (see page 85)	This is SetSQLText, a member of class TCloudDb.
	Setup (see page 85)	This is Setup, a member of class TCloudDb.

1.1.21.3.1 TCloudDb.AddSQLText

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure AddSQLText (
  const aText: string;
  const aArgs: array of const
);
```

Description

This is AddSQLText, a member of class TCloudDb.

1.1.21.3.2 TCloudDb.ClearSQLText

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClearSQLText;
```

Description

This is ClearSQLText, a member of class TCloudDb.

1.1.21.3.3 TCloudDb.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TCloudDb.

1.1.21.3.4 TCloudDb.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TCloudDb.

1.1.21.3.5 TCloudDb.Execute

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Execute: Boolean;
```

Description

This is Execute, a member of class TCloudDb.

1.1.21.3.6 TCloudDb.ExecuteSQL

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ExecuteSQL(  
    const aSQL: string  
): Boolean;
```

Description

This is ExecuteSQL, a member of class TCloudDb.

1.1.21.3.7 TCloudDb.GetField

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetField(  
    const aIndex: Cardinal;  
    const aName: string  
): string;
```

Description

This is GetField, a member of class TCloudDb.

1.1.21.3.8 TCloudDb.GetLastError

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetLastError: string;
```

Description

This is GetLastError, a member of class TCloudDb.

1.1.21.3.9 TCloudDb.GetMacro

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetMacro(  
    const aName: string  
): string;
```

Description

This is GetMacro, a member of class TCloudDb.

1.1.21.3.10 TCloudDb.GetParam

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetParam(  
    const aName: string  
): string;
```

Description

This is GetParam, a member of class TCloudDb.

1.1.21.3.11 TCloudDb.GetPreparedSQL

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetPreparedSQL: string;
```

Description

This is GetPreparedSQL, a member of class TCloudDb.

1.1.21.3.12 TCloudDb.GetQueryURL

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetQueryURL(  
    const aSQL: string  
): string;
```

Description

This is GetQueryURL, a member of class TCloudDb.

1.1.21.3.13 TCloudDb.GetResponseText

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetResponseText: string;
```

Description

This is GetResponseText, a member of class TCloudDb.

1.1.21.3.14 TCloudDb.GetSQLText

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetSQLText: string;
```

Description

This is GetSQLText, a member of class TCloudDb.

1.1.21.3.15 TCloudDb.Prepare

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Prepare;
```

Description

This is Prepare, a member of class TCloudDb.

1.1.21.3.16 TCloudDb.RecordCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RecordCount: Integer;
```

Description

This is RecordCount, a member of class TCloudDb.

1.1.21.3.17 TCloudDb.SetMacro

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetMacro(  
    const aName: string;  
    const aValue: string  
);
```

Description

This is SetMacro, a member of class TCloudDb.

1.1.21.3.18 TCloudDb.SetMacroValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetMacroValue(  
    const aName: string;  
    const aValue: string  
);
```

Description

This is SetMacroValue, a member of class TCloudDb.

1.1.21.3.19 TCloudDb.SetParam

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetParam(  
    const aName: string;  
    const aValue: string  
);
```

Description

This is SetParam, a member of class TCloudDb.

1.1.21.3.20 TCloudDb.SetParamValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetParamValue(  
    const aName: string;  
    const aValue: string  
);
```

Description

This is SetParamValue, a member of class TCloudDb.

1.1.21.3.21 TCloudDb.SetSQLText

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetSQLText(  
    const aText: string  
);
```

Description

This is SetSQLText, a member of class TCloudDb.

1.1.21.3.22 TCloudDb.Setup

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Setup(  
    const aURL: string;  
    const aApiKey: string;  
    const aDatabase: string  
);
```

Description

This is Setup, a member of class TCloudDb.

1.1.22 TCmdConsole

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TCmdConsole = class(TBaseObject);
```

Description

This is class TCmdConsole.

1.1.22.1 TCmdConsole Records

The records of the TCmdConsole class are listed here.

Records

	TAction (see page 86)	This is record TCmdConsole.TAction.
---	------------------------	-------------------------------------

1.1.22.1.1 TCmdConsole.TAction

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAction = record
  Name: string;
  Discription: string;
  Handler: TCmdConsoleActionEvent;
end;
```

Description

This is record TCmdConsole.TAction.

1.1.22.2 TCmdConsole Enumerations

The enumerations of the TCmdConsole class are listed here.

Enumerations

	TState (see page 86)	This is record TCmdConsole.TState.
---	-----------------------	------------------------------------

1.1.22.2.1 TCmdConsole.TState

File: DelphiGamekit.pas (see page 426)

Delphi

```
TState = (
  csDropDown,
  csHover,
  csRaiseUp
);
```







Description













This is record TCmdConsole.TState.

1.1.22.3 TCmdConsole Fields

The fields of the TCmdConsole class are listed here.

Fields

	FActive (see page 87)	This is FActive, a member of class TCmdConsole.
	FCmdActions (see page 87)	This is FCmdActions, a member of class TCmdConsole.
	FCmdHistory (see page 87)	This is FCmdHistory, a member of class TCmdConsole.
	FCmdHistoryIndex (see page 87)	This is FCmdHistoryIndex, a member of class TCmdConsole.
	FColor (see page 88)	This is FColor, a member of class TCmdConsole.
	FFont (see page 88)	This is FFont, a member of class TCmdConsole.

	FInputText (see page 88)	This is FInputText, a member of class TCmdConsole.
	FMaxCmdHistoryCount (see page 88)	This is FMaxCmdHistoryCount, a member of class TCmdConsole.
	FMaxTextInput (see page 88)	This is FMaxTextInput, a member of class TCmdConsole.
	FMaxTextLinesCount (see page 88)	This is FMaxTextLinesCount, a member of class TCmdConsole.
	FPaused (see page 89)	This is FPaused, a member of class TCmdConsole.
	FPos (see page 89)	This is FPos, a member of class TCmdConsole.
	FRect (see page 89)	This is FRect, a member of class TCmdConsole.
	FShowCursor (see page 89)	This is FShowCursor, a member of class TCmdConsole.
	FShowCursorTimer (see page 89)	This is FShowCursorTimer, a member of class TCmdConsole.
	FSpeed (see page 90)	This is FSpeed, a member of class TCmdConsole.
	FState (see page 90)	This is FState, a member of class TCmdConsole.
	FTextLines (see page 90)	This is FTextLines, a member of class TCmdConsole.

1.1.22.3.1 TCmdConsole.FActive

File: DelphiGamekit.pas (see page 426)

Delphi

```
FActive: Boolean;
```

Description

This is FActive, a member of class TCmdConsole.

1.1.22.3.2 TCmdConsole.FCmdActions

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCmdActions: TDictionary<string, TAction>;
```

Description

This is FCmdActions, a member of class TCmdConsole.

1.1.22.3.3 TCmdConsole.FCmdHistory

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCmdHistory: TStringList;
```

Description

This is FCmdHistory, a member of class TCmdConsole.

1.1.22.3.4 TCmdConsole.FCmdHistoryIndex

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCmdHistoryIndex: Integer;
```

Description

This is FCmdHistoryIndex, a member of class TCmdConsole.

1.1.22.3.5 TCmdConsole.FColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
FColor: TColor;
```

Description

This is FColor, a member of class TCmdConsole.

1.1.22.3.6 TCmdConsole.FFont

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFont: TFont;
```

Description

This is FFont, a member of class TCmdConsole.

1.1.22.3.7 TCmdConsole.FInputText

File: DelphiGamekit.pas (see page 426)

Delphi

```
FInputText: string;
```

Description

This is FInputText, a member of class TCmdConsole.

1.1.22.3.8 TCmdConsole.FMaxCmdHistoryCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMaxCmdHistoryCount: Integer;
```

Description

This is FMaxCmdHistoryCount, a member of class TCmdConsole.

1.1.22.3.9 TCmdConsole.FMaxTextInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMaxTextInput: Integer;
```

Description

This is FMaxTextInput, a member of class TCmdConsole.

1.1.22.3.10 TCmdConsole.FMaxTextLinesCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMaxTextLinesCount: Integer;
```

Description

This is FMaxTextLinesCount, a member of class TCmdConsole.

1.1.22.3.11 TCmdConsole.FPauseId

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPauseId: Int64;
```

Description

This is FPauseId, a member of class TCmdConsole.

1.1.22.3.12 TCmdConsole.FPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPos: Single;
```

Description

This is FPos, a member of class TCmdConsole.

1.1.22.3.13 TCmdConsole.FRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
FRect: TRect;
```

Description

This is FRect, a member of class TCmdConsole.

1.1.22.3.14 TCmdConsole.FShowCursor

File: DelphiGamekit.pas (see page 426)

Delphi

```
FShowCursor: Boolean;
```

Description

This is FShowCursor, a member of class TCmdConsole.

1.1.22.3.15 TCmdConsole.FShowCursorTimer

File: DelphiGamekit.pas (see page 426)

Delphi

```
FShowCursorTimer: Single;
```

Description

This is FShowCursorTimer, a member of class TCmdConsole.

1.1.22.3.16 TCmdConsole.FSpeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSpeed: Single;
```

Description

This is FSpeed, a member of class TCmdConsole.

1.1.22.3.17 TCmdConsole.FState

File: DelphiGamekit.pas (see page 426)

Delphi

```
FState: TState;
```

Description

This is FState, a member of class TCmdConsole.

1.1.22.3.18 TCmdConsole.FTextLines

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTextLines: TStringList;
```

Description

This is FTextLines, a member of class TCmdConsole.

1.1.22.4 TCmdConsole Methods

The methods of the TCmdConsole class are listed here.

Methods

⇒	AddCommand (see page 90)	This is AddCommand, a member of class TCmdConsole.
⇒	AddTextLine (see page 91)	This is AddTextLine, a member of class TCmdConsole.
⇒	ClearCommands (see page 91)	This is ClearCommands, a member of class TCmdConsole.
⇒	ClsCmd (see page 91)	This is ClsCmd, a member of class TCmdConsole.
⇒ V	Create (see page 91)	This is Create, a member of class TCmdConsole.
⇒ V	Destroy (see page 92)	This is Destroy, a member of class TCmdConsole.
⇒	GetActive (see page 92)	This is GetActive, a member of class TCmdConsole.
⇒	HelpCmd (see page 92)	This is HelpCmd, a member of class TCmdConsole.
⇒	ProcessCmd (see page 92)	This is ProcessCmd, a member of class TCmdConsole.
⇒	Render (see page 92)	This is Render, a member of class TCmdConsole.
⇒	SetActive (see page 93)	This is SetActive, a member of class TCmdConsole.
⇒	Update (see page 93)	This is Update, a member of class TCmdConsole.

1.1.22.4.1 TCmdConsole.AddCommand

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AddCommand(  
    const aName: string;  
    const aDiscription: string;  
    aHandler: TCmdConsoleActionEvent  
): Boolean;
```

Description

This is AddCommand, a member of class TCmdConsole.

1.1.22.4.2 TCmdConsole.AddTextLine

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure AddTextLine(  
    const aMsg: string;  
    const aArgs: array of const  
);
```

Description

This is AddTextLine, a member of class TCmdConsole.

1.1.22.4.3 TCmdConsole.ClearCommands

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClearCommands;
```

Description

This is ClearCommands, a member of class TCmdConsole.

1.1.22.4.4 TCmdConsole.ClsCmd

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClsCmd(  
    const aParams: array of string  
);
```

Description

This is ClsCmd, a member of class TCmdConsole.

1.1.22.4.5 TCmdConsole.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TCmdConsole.

1.1.22.4.6 TCmdConsole.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TCmdConsole.

1.1.22.4.7 TCmdConsole.GetActive

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetActive: Boolean;
```

Description

This is GetActive, a member of class TCmdConsole.

1.1.22.4.8 TCmdConsole.HelpCmd

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure HelpCmd(  
    const aParams: array of string  
);
```

Description

This is HelpCmd, a member of class TCmdConsole.

1.1.22.4.9 TCmdConsole.ProcessCmd

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ProcessCmd(  
    const aCmdLine: string  
): Boolean;
```

Description

This is ProcessCmd, a member of class TCmdConsole.

1.1.22.4.10 TCmdConsole.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render;
```

Description

This is Render, a member of class TCmdConsole.

1.1.22.4.11 TCmdConsole.SetActive

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetActive(  
    const aActive: Boolean  
);
```

Description

This is SetActive, a member of class TCmdConsole.

1.1.22.4.12 TCmdConsole.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Update(  
    const aDeltaTime: Double  
);
```

Description

This is Update, a member of class TCmdConsole.

1.1.22.5 TCmdConsole Nested Types

The nested types of the TCmdConsole class are listed here.

Nested Types

	PAction (see page 93)	This is nested type TCmdConsole.PAction.
---	------------------------	--

1.1.22.5.1 TCmdConsole.PAction

File: DelphiGamekit.pas (see page 426)

Delphi

```
PAction = ^TAction;
```

Description

This is nested type TCmdConsole.PAction.

1.1.23 TCmdLine

File: DelphiGamekit.pas (see page 426)

Delphi

```
TCmdLine = record  
end;
```

Description

This is class TCmdLine.

1.1.23.1 TCmdLine Methods

The methods of the TCmdLine class are listed here.

Methods

✦	AddParam (see page 94)	This is AddParam, a member of class TCmdLine.
✦	AddParams (see page 94)	This is AddParams, a member of class TCmdLine.
✦	Clear (see page 94)	This is Clear, a member of class TCmdLine.
✦	Count (see page 95)	This is Count, a member of class TCmdLine.
✦	Count (see page 95)	This is Count, a member of class TCmdLine.
✦	Param (see page 95)	This is Param, a member of class TCmdLine.
✦	Param (see page 95)	This is Param, a member of class TCmdLine.
✦	ParamExist (see page 95)	This is ParamExist, a member of class TCmdLine.
✦	ParamIndex (see page 96)	This is ParamIndex, a member of class TCmdLine.
✦	ParamValue (see page 96)	This is ParamValue, a member of class TCmdLine.
✦	Reset (see page 96)	This is Reset, a member of class TCmdLine.
✦	Str (see page 96)	This is Str, a member of class TCmdLine.

1.1.23.1.1 TCmdLine.AddParam

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure AddParam(
  const aParam: string
); static;
```

Description

This is AddParam, a member of class TCmdLine.

1.1.23.1.2 TCmdLine.AddParams

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure AddParams(
  const aParams: array of string
); static;
```

Description

This is AddParams, a member of class TCmdLine.

1.1.23.1.3 TCmdLine.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Clear; static;
```

Description

This is Clear, a member of class TCmdLine.

1.1.23.1.4 TCmdLine.Count

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Count: Integer; overload; static;
```

Description

This is Count, a member of class TCmdLine.

1.1.23.1.5 TCmdLine.Count

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Count(  
    const aName: string  
): Integer; overload; static;
```

Description

This is Count, a member of class TCmdLine.

1.1.23.1.6 TCmdLine.Param

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Param(  
    const aIndex: Integer  
): string; overload; static;
```

Description

This is Param, a member of class TCmdLine.

1.1.23.1.7 TCmdLine.Param

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Param(  
    const aName: string;  
    const aIndex: Integer  
): string; overload; static;
```

Description

This is Param, a member of class TCmdLine.

1.1.23.1.8 TCmdLine.ParamExist

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ParamExist(  
    const aName: string  
): Boolean; static;
```

Description

This is ParamExist, a member of class TCmdLine.

1.1.23.1.9 TCmdLine.ParamIndex

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ParamIndex(
    const aName: string
): Integer; static;
```

Description

This is ParamIndex, a member of class TCmdLine.

1.1.23.1.10 TCmdLine.ParamValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ParamValue(
    const aName: string;
    var aValue: string
): Boolean; static;
```

Description

This is ParamValue, a member of class TCmdLine.

1.1.23.1.11 TCmdLine.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Reset; static;
```

Description

This is Reset, a member of class TCmdLine.

1.1.23.1.12 TCmdLine.Str

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Str: string; static;
```



Description

This is Str, a member of class TCmdLine.

1.1.23.2 TCmdLine Operators

The operators of the TCmdLine class are listed here.

Operators

	Finalize (see page 97)	This is Finalize, a member of class TCmdLine.
	Initialize (see page 97)	This is Initialize, a member of class TCmdLine.

1.1.23.2.1 TCmdLine.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TCmdLine  
) ;
```

Description

This is Finalize, a member of class TCmdLine.

1.1.23.2.2 TCmdLine.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TCmdLine  
) ;
```

Description

This is Initialize, a member of class TCmdLine.

1.1.24 TColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
TColor = record  
    Alpha: Byte;  
    Blue: Byte;  
    Green: Byte;  
    Red: Byte;  
end;
```





Description

This is class TColor.

1.1.24.1 TColor Fields

The fields of the TColor class are listed here.

Fields

	Alpha (see page 97)	This is Alpha, a member of class TColor.
	Blue (see page 98)	This is Blue, a member of class TColor.
	Green (see page 98)	This is Green, a member of class TColor.
	Red (see page 98)	This is Red, a member of class TColor.

1.1.24.1.1 TColor.Alpha

File: DelphiGamekit.pas (see page 426)

Delphi

```
Alpha: Byte;
```

Description

This is Alpha, a member of class TColor.

1.1.24.1.2 TColor.Blue

File: DelphiGamekit.pas (see page 426)

Delphi

```
Blue: Byte;
```

Description

This is Blue, a member of class TColor.

1.1.24.1.3 TColor.Green

File: DelphiGamekit.pas (see page 426)

Delphi

```
Green: Byte;
```

Description

This is Green, a member of class TColor.

1.1.24.1.4 TColor.Red

File: DelphiGamekit.pas (see page 426)

Delphi

```
Red: Byte;
```






Description

This is Red, a member of class TColor.

1.1.24.2 TColor Methods

The methods of the TColor class are listed here.

Methods

	Clear (see page 98)	This is Clear, a member of class TColor.
	Equal (see page 99)	This is Equal, a member of class TColor.
	Fade (see page 99)	This is Fade, a member of class TColor.
	Make (see page 99)	This is Make, a member of class TColor.
	Makef (see page 99)	This is Makef, a member of class TColor.

1.1.24.2.1 TColor.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TColor.

1.1.24.2.2 TColor.Equal

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Equal(  
    const aColor: TColor  
): Boolean;
```

Description

This is Equal, a member of class TColor.

1.1.24.2.3 TColor.Fade

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Fade(  
    const aTo: TColor;  
    const aPos: Single  
): TColor;
```

Description

This is Fade, a member of class TColor.

1.1.24.2.4 TColor.Make

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Make(  
    const aRed: Byte;  
    const aGreen: Byte;  
    const aBlue: Byte;  
    const aAlpha: Byte  
): TColor;
```

Description

This is Make, a member of class TColor.

1.1.24.2.5 TColor.Makef

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Makef(  
    const aRed: Single;  
    const aGreen: Single;  
    const aBlue: Single;  
    const aAlpha: Single  
): TColor;
```



Description

This is Makef, a member of class TColor.

1.1.24.3 TColor Operators

The operators of the TColor class are listed here.

Operators

	Implicit (see page 100)	This is Implicit, a member of class TColor.
	Implicit (see page 100)	This is Implicit, a member of class TColor.

1.1.24.3.1 TColor.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: SDL_Color  
);
```

Description

This is Implicit, a member of class TColor.

1.1.24.3.2 TColor.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

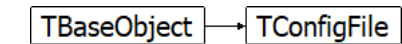
```
class operator Implicit(  
    aValue: TColor  
);
```

Description

This is Implicit, a member of class TColor.

1.1.25 TConfigFile

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TConfigFile = class(TBaseObject);
```





















Description

This is class TConfigFile.

1.1.25.1 TConfigFile Methods

The methods of the TConfigFile class are listed here.

Methods

	Close (see page 101)	This is Close, a member of class TConfigFile.
	Create (see page 101)	This is Create, a member of class TConfigFile.
	Destroy (see page 101)	This is Destroy, a member of class TConfigFile.
	GetSectionValue (see page 102)	This is GetSectionValue, a member of class TConfigFile.
	GetSectionValue (see page 102)	This is GetSectionValue, a member of class TConfigFile.
	GetSectionValue (see page 102)	This is GetSectionValue, a member of class TConfigFile.
	GetSectionValues (see page 102)	This is GetSectionValues, a member of class TConfigFile.
	GetValue (see page 102)	This is GetValue, a member of class TConfigFile.
	GetValue (see page 103)	This is GetValue, a member of class TConfigFile.
	GetValue (see page 103)	This is GetValue, a member of class TConfigFile.
	GetValue (see page 103)	This is GetValue, a member of class TConfigFile.
	Open (see page 103)	This is Open, a member of class TConfigFile.
	Opened (see page 104)	This is Opened, a member of class TConfigFile.
	RemoveKey (see page 104)	This is RemoveKey, a member of class TConfigFile.
	RemoveSection (see page 104)	This is RemoveSection, a member of class TConfigFile.
	SetValue (see page 104)	This is SetValue, a member of class TConfigFile.
	SetValue (see page 104)	This is SetValue, a member of class TConfigFile.
	SetValue (see page 105)	This is SetValue, a member of class TConfigFile.
	SetValue (see page 105)	This is SetValue, a member of class TConfigFile.
	Update (see page 105)	This is Update, a member of class TConfigFile.

1.1.25.1.1 TConfigFile.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TConfigFile.

1.1.25.1.2 TConfigFile.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TConfigFile.

1.1.25.1.3 TConfigFile.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TConfigFile.

1.1.25.1.4 TConfigFile.GetSectionValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetSectionValue(  
    const aIndex: Integer;  
    const aDefaultValue: Boolean  
): Boolean; overload;
```

Description

This is GetSectionValue, a member of class TConfigFile.

1.1.25.1.5 TConfigFile.GetSectionValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetSectionValue(  
    const aIndex: Integer;  
    const aDefaultValue: Integer  
): Integer; overload;
```

Description

This is GetSectionValue, a member of class TConfigFile.

1.1.25.1.6 TConfigFile.GetSectionValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetSectionValue(  
    const aIndex: Integer;  
    const aDefaultValue: string  
): string; overload;
```

Description

This is GetSectionValue, a member of class TConfigFile.

1.1.25.1.7 TConfigFile.GetSectionValues

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetSectionValues(  
    const aSection: string  
): Integer;
```

Description

This is GetSectionValues, a member of class TConfigFile.

1.1.25.1.8 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetValue(  
    const aSection: string;
```

```
    const aKey: string;  
    aDefaultValue: Boolean  
): Boolean; overload;
```

Description

This is GetValue, a member of class TConfigFile.

1.1.25.1.9 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetValue(  
    const aSection: string;  
    const aKey: string;  
    aDefaultValue: Integer  
): Integer; overload;
```

Description

This is GetValue, a member of class TConfigFile.

1.1.25.1.10 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure GetValue(  
    const aSection: string;  
    const aKey: string;  
    aValue: Pointer;  
    aValueSize: Cardinal  
); overload;
```

Description

This is GetValue, a member of class TConfigFile.

1.1.25.1.11 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetValue(  
    const aSection: string;  
    const aKey: string;  
    const aDefaultValue: string  
): string; overload;
```

Description

This is GetValue, a member of class TConfigFile.

1.1.25.1.12 TConfigFile.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Open(  
    const aFilename: string = ''  
): Boolean;
```

Description

This is Open, a member of class TConfigFile.

1.1.25.1.13 TConfigFile.Opened

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Opened: Boolean;
```

Description

This is Opened, a member of class TConfigFile.

1.1.25.1.14 TConfigFile.RemoveKey

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RemoveKey(  
    const aSection: string;  
    const aKey: string  
): Boolean;
```

Description

This is RemoveKey, a member of class TConfigFile.

1.1.25.1.15 TConfigFile.RemoveSection

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RemoveSection(  
    const aName: string  
): Boolean;
```

Description

This is RemoveSection, a member of class TConfigFile.

1.1.25.1.16 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetValue(  
    const aSection: string;  
    const aKey: string;  
    aValue: Boolean  
); overload;
```

Description

This is SetValue, a member of class TConfigFile.

1.1.25.1.17 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetValue(  
    const aSection: string;  
    const aKey: string;  
    aValue: Integer  
); overload;
```

Description

This is SetValue, a member of class TConfigFile.

1.1.25.1.18 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetValue(  
    const aSection: string;  
    const aKey: string;  
    aValue: Pointer;  
    aValueSize: Cardinal  
); overload;
```

Description

This is SetValue, a member of class TConfigFile.

1.1.25.1.19 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetValue(  
    const aSection: string;  
    const aKey: string;  
    const aValue: string  
); overload;
```

Description

This is SetValue, a member of class TConfigFile.

1.1.25.1.20 TConfigFile.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Update;
```

Description

This is Update, a member of class TConfigFile.

1.1.26 TController

File: DelphiGamekit.pas (see page 426)

Delphi

```
TController = record  
end;
```











Description

This is class TController.

1.1.26.1 TController Methods

The methods of the TController class are listed here.

Methods

	ButtonDown (see page 106)	This is ButtonDown, a member of class TController.
	ButtonPressed (see page 106)	This is ButtonPressed, a member of class TController.
	ButtonReleased (see page 106)	This is ButtonReleased, a member of class TController.
	Clear (see page 107)	This is Clear, a member of class TController.
	Close (see page 107)	This is Close, a member of class TController.
	GetAxis (see page 107)	This is GetAxis, a member of class TController.
	Open (see page 107)	This is Open, a member of class TController.
	Shutdown (see page 107)	This is Shutdown, a member of class TController.
	Startup (see page 108)	This is Startup, a member of class TController.
	Update (see page 108)	This is Update, a member of class TController.

1.1.26.1.1 TController.ButtonDown

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ButtonDown(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is ButtonDown, a member of class TController.

1.1.26.1.2 TController.ButtonPressed

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ButtonPressed(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is ButtonPressed, a member of class TController.

1.1.26.1.3 TController.ButtonReleased

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ButtonReleased(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is ButtonReleased, a member of class TController.

1.1.26.1.4 TController.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Clear; static;
```

Description

This is Clear, a member of class TController.

1.1.26.1.5 TController.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Close; static;
```

Description

This is Close, a member of class TController.

1.1.26.1.6 TController.GetAxis

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetAxis(  
    const aAxis: Cardinal  
): Single; static;
```

Description

This is GetAxis, a member of class TController.

1.1.26.1.7 TController.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Open(  
    const aIndex: Cardinal  
): Boolean; static;
```

Description

This is Open, a member of class TController.

1.1.26.1.8 TController.Shutdown

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Shutdown; static;
```

Description

This is Shutdown, a member of class TController.

1.1.26.1.9 TController.Startup

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Startup: Boolean; static;
```

Description

This is Startup, a member of class TController.

1.1.26.1.10 TController.Update

File: DelphiGamekit.pas (see page 426)

Delphi

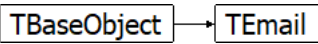
```
class procedure Update(  
  const aEvent: PSDL_Event  
); static;
```

Description

This is Update, a member of class TController.

1.1.27 TEmail

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TEmail = class(TBaseObject);
```

Description

This is class TEmail.

1.1.27.1 TEmail Fields

The fields of the TEmail class are listed here.

Fields

	FBusy (see page 108)	This is FBusy, a member of class TEmail.
	FLastError (see page 109)	This is FLastError, a member of class TEmail.
	FSmtp (see page 109)	This is FSmtp, a member of class TEmail.
	FSSLHandler (see page 109)	This is FSSLHandler, a member of class TEmail.

1.1.27.1.1 TEmail.FBusy

File: DelphiGamekit.pas (see page 426)

Delphi

```
FBusy: Boolean;
```

Description

This is FBusy, a member of class TEmail.

1.1.27.1.2 TEmail.FLastError

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLastError: string;
```

Description

This is FLastError, a member of class TEmail.

1.1.27.1.3 TEmail.FSmtplib

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSmtplib: TIdSMTP;
```

Description

This is FSmtplib, a member of class TEmail.

1.1.27.1.4 TEmail.FSSLHandler

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSSLHandler: TIdSSLIOHandlerSocketOpenSSL;
```






Description

This is FSSLHandler, a member of class TEmail.

1.1.27.2 TEmail Methods

The methods of the TEmail class are listed here.

Methods

	Create (see page 109)	This is Create, a member of class TEmail.
	Destroy (see page 110)	This is Destroy, a member of class TEmail.
	DoSend (see page 110)	This is DoSend, a member of class TEmail.
	Send (see page 110)	This is Send, a member of class TEmail.
	Setup (see page 110)	This is Setup, a member of class TEmail.

1.1.27.2.1 TEmail.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TEmail.

1.1.27.2.2 TEmail.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TEmail.

1.1.27.2.3 TEmail.DoSend

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure DoSend(  
  const aFromEmail: string;  
  const aFromName: string;  
  const aSubject: string;  
  const aTo: string;  
  const aCC: string;  
  const aBC: string;  
  const aReplyTo: string;  
  const aBody: string  
);
```

Description

This is DoSend, a member of class TEmail.

1.1.27.2.4 TEmail.Send

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Send(  
  const aFromEmail: string;  
  const aFromName: string;  
  const aSubject: string;  
  const aTo: string;  
  const aCC: string;  
  const aBC: string;  
  const aReplyTo: string;  
  const aBody: string  
);
```

Description

This is Send, a member of class TEmail.

1.1.27.2.5 TEmail.Setup

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Setup(  
  const aHost: string;  
  aPort: Word;  
  const aUsername: string;  
  const aPassword: string  
);
```



Description

This is Setup, a member of class TEntity.

1.1.27.3 TEntity Properties

The properties of the TEntity class are listed here.

Properties

	Busy (see page 111)	This is Busy, a member of class TEntity.
	LastError (see page 111)	This is LastError, a member of class TEntity.

1.1.27.3.1 TEntity.Busy

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Busy: Boolean;
```

Description

This is Busy, a member of class TEntity.

1.1.27.3.2 TEntity.LastError

File: DelphiGamekit.pas (see page 426)

Delphi

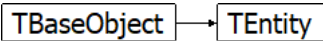
```
property LastError: string;
```

Description

This is LastError, a member of class TEntity.

1.1.28 TEntity

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TEntity = class(TBaseObject);
```























Description

This is class TEntity.

1.1.28.1 TEntity Fields

The fields of the TEntity class are listed here.

Fields

	FAngle (see page 112)	This is FAngle, a member of class TEntity.
	FAngleOffset (see page 112)	This is FAngleOffset, a member of class TEntity.
	FBlendMode (see page 112)	This is FBlendMode, a member of class TEntity.
	FColor (see page 113)	This is FColor, a member of class TEntity.
	FDDir (see page 113)	This is FDir, a member of class TEntity.
	FFirstFrame (see page 113)	This is FFirstFrame, a member of class TEntity.
	FFlipMode (see page 113)	This is FFlipMode, a member of class TEntity.
	FFrame (see page 113)	This is FFrame, a member of class TEntity.
	FFrameFPS (see page 114)	This is FFrameFPS, a member of class TEntity.
	FFrameTimer (see page 114)	This is FFrameTimer, a member of class TEntity.
	FGroup (see page 114)	This is FGroup, a member of class TEntity.
	FHeight (see page 114)	This is FHeight, a member of class TEntity.
	FLastFrame (see page 114)	This is FLastFrame, a member of class TEntity.
	FLoopFrame (see page 114)	This is FLoopFrame, a member of class TEntity.
	FOrigin (see page 115)	This is FOrigin, a member of class TEntity.
	FPos (see page 115)	This is FPos, a member of class TEntity.
	FRadius (see page 115)	This is FRadius, a member of class TEntity.
	FRenderPolyPoint (see page 115)	This is FRenderPolyPoint, a member of class TEntity.
	FScale (see page 115)	This is FScale, a member of class TEntity.
	FShrinkFactor (see page 116)	This is FShrinkFactor, a member of class TEntity.
	FSprite (see page 116)	This is FSprite, a member of class TEntity.
	FWidth (see page 116)	This is FWidth, a member of class TEntity.

1.1.28.1.1 TEntity.FAngle

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAngle: Single;
```

Description

This is FAngle, a member of class TEntity.

1.1.28.1.2 TEntity.FAngleOffset

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAngleOffset: Single;
```

Description

This is FAngleOffset, a member of class TEntity.

1.1.28.1.3 TEntity.FBlendMode

File: DelphiGamekit.pas (see page 426)

Delphi

```
FBlendMode: TBlendMode;
```

Description

This is FBlendMode, a member of class TEntity.

1.1.28.1.4 TEntity.FColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
FColor: TColor;
```

Description

This is FColor, a member of class TEntity.

1.1.28.1.5 TEntity.FDir

File: DelphiGamekit.pas (see page 426)

Delphi

```
FDir: TVector;
```

Description

This is FDir, a member of class TEntity.

1.1.28.1.6 TEntity.FFirstFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFirstFrame: Integer;
```

Description

This is FFirstFrame, a member of class TEntity.

1.1.28.1.7 TEntity.FFlipMode

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFlipMode: TFlipMode;
```

Description

This is FFlipMode, a member of class TEntity.

1.1.28.1.8 TEntity.FFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFrame: Integer;
```

Description

This is FFrame, a member of class TEntity.

1.1.28.1.9 TEntity.FFrameFPS

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFrameFPS: Single;
```

Description

This is FFrameFPS, a member of class TEntity.

1.1.28.1.10 TEntity.FFrameTimer

File: DelphiGamekit.pas (see page 426)

Delphi

```
FFrameTimer: Single;
```

Description

This is FFrameTimer, a member of class TEntity.

1.1.28.1.11 TEntity.FGroup

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGroup: Integer;
```

Description

This is FGroup, a member of class TEntity.

1.1.28.1.12 TEntity.FHeight

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHeight: Single;
```

Description

This is FHeight, a member of class TEntity.

1.1.28.1.13 TEntity.FLastFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLastFrame: Integer;
```

Description

This is FLastFrame, a member of class TEntity.

1.1.28.1.14 TEntity.FLoopFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLoopFrame: Boolean;
```

Description

This is FLoopFrame, a member of class TEntity.

1.1.28.1.15 TEntity.FOrigin

File: DelphiGamekit.pas (see page 426)

Delphi

```
FOrigin: TPoint;
```

Description

This is FOrigin, a member of class TEntity.

1.1.28.1.16 TEntity.FPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPos: TVector;
```

Description

This is FPos, a member of class TEntity.

1.1.28.1.17 TEntity.FRadius

File: DelphiGamekit.pas (see page 426)

Delphi

```
FRadius: Single;
```

Description

This is FRadius, a member of class TEntity.

1.1.28.1.18 TEntity.FRenderPolyPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
FRenderPolyPoint: Boolean;
```

Description

This is FRenderPolyPoint, a member of class TEntity.

1.1.28.1.19 TEntity.FScale

File: DelphiGamekit.pas (see page 426)

Delphi

```
FScale: Single;
```

Description

This is FScale, a member of class TEntity.

1.1.28.1.20 TEntity.FShrinkFactor

File: DelphiGamekit.pas (see page 426)

Delphi

```
FShrinkFactor: Single;
```

Description

This is FShrinkFactor, a member of class TEntity.

1.1.28.1.21 TEntity.FSprite

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSprite: TSprite;
```

Description

This is FSprite, a member of class TEntity.

1.1.28.1.22 TEntity.FWidth

File: DelphiGamekit.pas (see page 426)

Delphi

```
FWidth: Single;
```

Description

This is FWidth, a member of class TEntity.

1.1.28.2 TEntity Methods

The methods of the TEntity class are listed here.

Methods

⇒	Angle (see page 117)	This is Angle, a member of class TEntity.
⇒	AngleOffset (see page 118)	This is AngleOffset, a member of class TEntity.
⇒	CollidePolyPoint (see page 118)	This is CollidePolyPoint, a member of class TEntity.
⇒	CollidePolyPointPoint (see page 118)	This is CollidePolyPointPoint, a member of class TEntity.
⇒	Color (see page 118)	This is Color, a member of class TEntity.
⇒ V	Create (see page 118)	This is Create, a member of class TEntity.
⇒	CreateEntity (see page 119)	This is CreateEntity, a member of class TEntity.
⇒ V	Destroy (see page 119)	This is Destroy, a member of class TEntity.
⇒	Dir (see page 119)	This is Dir, a member of class TEntity.
⇒	FirstFrame (see page 119)	This is FirstFrame, a member of class TEntity.
⇒	FlipMode (see page 119)	This is FlipMode, a member of class TEntity.
⇒	Frame (see page 119)	This is Frame, a member of class TEntity.
⇒	FrameFPS (see page 120)	This is FrameFPS, a member of class TEntity.
⇒	FullyVisible (see page 120)	This is FullyVisible, a member of class TEntity.
⇒	Group (see page 120)	This is Group, a member of class TEntity.
⇒	Height (see page 120)	This is Height, a member of class TEntity.

◆	Init (see page 120)	This is Init, a member of class TEntity.
◆	LastFrame (see page 121)	This is LastFrame, a member of class TEntity.
◆	LoopFrame (see page 121)	This is LoopFrame, a member of class TEntity.
◆	NextFrame (see page 121)	This is NextFrame, a member of class TEntity.
◆	Overlap (see page 121)	This is Overlap, a member of class TEntity.
◆	Overlap (see page 121)	This is Overlap, a member of class TEntity.
◆	Pos (see page 122)	This is Pos, a member of class TEntity.
◆	PrevFrame (see page 122)	This is PrevFrame, a member of class TEntity.
◆	Radius (see page 122)	This is Radius, a member of class TEntity.
◆	Render (see page 122)	This is Render, a member of class TEntity.
◆	RenderAt (see page 122)	This is RenderAt, a member of class TEntity.
◆	RotateAbs (see page 123)	This is RotateAbs, a member of class TEntity.
◆	RotateRel (see page 123)	This is RotateRel, a member of class TEntity.
◆	RotateToAngle (see page 123)	This is RotateToAngle, a member of class TEntity.
◆	RotateToPos (see page 123)	This is RotateToPos, a member of class TEntity.
◆	RotateToPosAt (see page 123)	This is RotateToPosAt, a member of class TEntity.
◆	Scale (see page 124)	This is Scale, a member of class TEntity.
◆	ScaleAbs (see page 124)	This is ScaleAbs, a member of class TEntity.
◆	ScaleRel (see page 124)	This is ScaleRel, a member of class TEntity.
◆	SetAngleOffset (see page 124)	This is SetAngleOffset, a member of class TEntity.
◆	SetColor (see page 125)	This is SetColor, a member of class TEntity.
◆	SetFlipMode (see page 125)	This is SetFlipMode, a member of class TEntity.
◆	SetFrame (see page 125)	This is SetFrame, a member of class TEntity.
◆	SetFrameFPS (see page 125)	This is SetFrameFPS, a member of class TEntity.
◆	SetFrameRange (see page 125)	This is SetFrameRange, a member of class TEntity.
◆	SetLoopFrame (see page 126)	This is SetLoopFrame, a member of class TEntity.
◆	SetPosAbs (see page 126)	This is SetPosAbs, a member of class TEntity.
◆	SetPosRel (see page 126)	This is SetPosRel, a member of class TEntity.
◆	SetRenderPolyPoint (see page 126)	This is SetRenderPolyPoint, a member of class TEntity.
◆	SetShrinkFactor (see page 126)	This is SetShrinkFactor, a member of class TEntity.
◆	ShrinkFactor (see page 127)	This is ShrinkFactor, a member of class TEntity.
◆	Sprite (see page 127)	This is Sprite, a member of class TEntity.
◆	Thrust (see page 127)	This is Thrust, a member of class TEntity.
◆	ThrustAngle (see page 127)	This is ThrustAngle, a member of class TEntity.
◆	ThrustToPos (see page 127)	This is ThrustToPos, a member of class TEntity.
◆	TracePolyPoint (see page 128)	This is TracePolyPoint, a member of class TEntity.
◆	Visible (see page 128)	This is Visible, a member of class TEntity.
◆	Width (see page 128)	This is Width, a member of class TEntity.

1.1.28.2.1 TEntity.Angle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Angle: Single;
```

Description

This is Angle, a member of class TEntity.

1.1.28.2.2 TEntity.AngleOffset

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AngleOffset: Single;
```

Description

This is AngleOffset, a member of class TEntity.

1.1.28.2.3 TEntity.CollidePolyPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CollidePolyPoint(  
    const aEntity: TEntity;  
    var aHitPos: TPoint  
): Boolean;
```

Description

This is CollidePolyPoint, a member of class TEntity.

1.1.28.2.4 TEntity.CollidePolyPointPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CollidePolyPointPoint(  
    var aPoint: TPoint  
): Boolean;
```

Description

This is CollidePolyPointPoint, a member of class TEntity.

1.1.28.2.5 TEntity.Color

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Color: TColor;
```

Description

This is Color, a member of class TEntity.

1.1.28.2.6 TEntity.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TEntity.

1.1.28.2.7 TEntity.CreateEntity

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function CreateEntity(  
    const aSprite: TSprite;  
    const aGroup: Integer  
): TEntity;
```

Description

This is CreateEntity, a member of class TEntity.

1.1.28.2.8 TEntity.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TEntity.

1.1.28.2.9 TEntity.Dir

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Dir: TVector;
```

Description

This is Dir, a member of class TEntity.

1.1.28.2.10 TEntity.FirstFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
function FirstFrame: Integer;
```

Description

This is FirstFrame, a member of class TEntity.

1.1.28.2.11 TEntity.FlipMode

File: DelphiGamekit.pas (see page 426)

Delphi

```
function FlipMode: TFlipMode;
```

Description

This is FlipMode, a member of class TEntity.

1.1.28.2.12 TEntity.Frame

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Frame: Integer;
```

Description

This is Frame, a member of class TEntity.

1.1.28.2.13 TEntity.FrameFPS

File: DelphiGamekit.pas (see page 426)

Delphi

```
function FrameFPS: Single;
```

Description

This is FrameFPS, a member of class TEntity.

1.1.28.2.14 TEntity.FullyVisible

File: DelphiGamekit.pas (see page 426)

Delphi

```
function FullyVisible(  
    const aVirtualX: Single;  
    const aVirtualY: Single  
): Boolean;
```

Description

This is FullyVisible, a member of class TEntity.

1.1.28.2.15 TEntity.Group

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Group: Integer;
```

Description

This is Group, a member of class TEntity.

1.1.28.2.16 TEntity.Height

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Height: Single;
```

Description

This is Height, a member of class TEntity.

1.1.28.2.17 TEntity.Init

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Init(  
    const aSprite: TSprite;
```

```
    const aGroup: Integer  
);
```

Description

This is Init, a member of class TEntity.

1.1.28.2.18 TEntity.LastFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LastFrame: Integer;
```

Description

This is LastFrame, a member of class TEntity.

1.1.28.2.19 TEntity.LoopFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LoopFrame: Boolean;
```

Description

This is LoopFrame, a member of class TEntity.

1.1.28.2.20 TEntity.NextFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
function NextFrame: Boolean;
```

Description

This is NextFrame, a member of class TEntity.

1.1.28.2.21 TEntity.Overlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Overlap(  
    const aX: Single;  
    const aY: Single;  
    const aRadius: Single;  
    const aShrinkFactor: Single  
): Boolean; overload;
```

Description

This is Overlap, a member of class TEntity.

1.1.28.2.22 TEntity.Overlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Overlap(  
    const aEntity: TEntity
```

```
) : Boolean; overload;
```

Description

This is Overlap, a member of class TEntity.

1.1.28.2.23 TEntity.Pos

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Pos: TVector;
```

Description

This is Pos, a member of class TEntity.

1.1.28.2.24 TEntity.PrevFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PrevFrame: Boolean;
```

Description

This is PrevFrame, a member of class TEntity.

1.1.28.2.25 TEntity.Radius

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Radius: Single;
```

Description

This is Radius, a member of class TEntity.

1.1.28.2.26 TEntity.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
    const aVirtualX: Single;  
    const aVirtualY: Single  
);
```

Description

This is Render, a member of class TEntity.

1.1.28.2.27 TEntity.RenderAt

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RenderAt(  
    const aX: Single;  
    const aY: Single  
);
```

Description

This is RenderAt, a member of class TEntity.

1.1.28.2.28 TEntity.RotateAbs

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RotateAbs(  
    const aAngle: Single  
);
```

Description

This is RotateAbs, a member of class TEntity.

1.1.28.2.29 TEntity.RotateRel

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RotateRel(  
    const aAngle: Single  
);
```

Description

This is RotateRel, a member of class TEntity.

1.1.28.2.30 TEntity.RotateToAngle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RotateToAngle(  
    const aAngle: Single;  
    const aSpeed: Single  
): Boolean;
```

Description

This is RotateToAngle, a member of class TEntity.

1.1.28.2.31 TEntity.RotateToPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RotateToPos(  
    const aX: Single;  
    const aY: Single;  
    const aSpeed: Single  
): Boolean;
```

Description

This is RotateToPos, a member of class TEntity.

1.1.28.2.32 TEntity.RotateToPosAt

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RotateToPosAt(  
    const aSrcX: Single;  
    const aSrcY: Single;  
    const aDestX: Single;  
    const aDestY: Single;  
    const aSpeed: Single  
): Boolean;
```

Description

This is RotateToPosAt, a member of class TEntity.

1.1.28.2.33 TEntity.Scale

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Scale: Single;
```

Description

This is Scale, a member of class TEntity.

1.1.28.2.34 TEntity.ScaleAbs

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ScaleAbs(  
    const aScale: Single  
);
```

Description

This is ScaleAbs, a member of class TEntity.

1.1.28.2.35 TEntity.ScaleRel

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ScaleRel(  
    const aScale: Single  
);
```

Description

This is ScaleRel, a member of class TEntity.

1.1.28.2.36 TEntity.SetAngleOffset

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetAngleOffset(  
    const aAngle: Single  
);
```

Description

This is SetAngleOffset, a member of class TEntity.

1.1.28.2.37 TEntity.SetColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetColor(  
    const aColor: TColor  
);
```

Description

This is SetColor, a member of class TEntity.

1.1.28.2.38 TEntity.SetFlipMode

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetFlipMode(  
    const aFlipMode: TFlipMode  
);
```

Description

This is SetFlipMode, a member of class TEntity.

1.1.28.2.39 TEntity.SetFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetFrame(  
    const aFrame: Integer  
);
```

Description

This is SetFrame, a member of class TEntity.

1.1.28.2.40 TEntity.SetFrameFPS

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetFrameFPS(  
    const aFrameFPS: Single  
);
```

Description

This is SetFrameFPS, a member of class TEntity.

1.1.28.2.41 TEntity.SetFrameRange

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetFrameRange(  
    const aFirst: Integer;  
    const aLast: Integer  
);
```

Description

This is SetFrameRange, a member of class TEntity.

1.1.28.2.42 TEntity.SetLoopFrame

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetLoopFrame(  
    const aLoop: Boolean  
);
```

Description

This is SetLoopFrame, a member of class TEntity.

1.1.28.2.43 TEntity.SetPosAbs

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetPosAbs(  
    const aX: Single;  
    const aY: Single  
);
```

Description

This is SetPosAbs, a member of class TEntity.

1.1.28.2.44 TEntity.SetPosRel

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetPosRel(  
    const aX: Single;  
    const aY: Single  
);
```

Description

This is SetPosRel, a member of class TEntity.

1.1.28.2.45 TEntity.SetRenderPolyPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetRenderPolyPoint(  
    const aValue: Boolean  
);
```

Description

This is SetRenderPolyPoint, a member of class TEntity.

1.1.28.2.46 TEntity.SetShrinkFactor

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetShrinkFactor(  
    const aShrinkFactor: Single  
);
```

Description

This is SetShrinkFactor, a member of class TEntity.

1.1.28.2.47 TEntity.ShrinkFactor

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ShrinkFactor: Single;
```

Description

This is ShrinkFactor, a member of class TEntity.

1.1.28.2.48 TEntity.Sprite

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Sprite: TSprite;
```

Description

This is Sprite, a member of class TEntity.

1.1.28.2.49 TEntity.Thrust

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Thrust(  
    const aSpeed: Single  
);
```

Description

This is Thrust, a member of class TEntity.

1.1.28.2.50 TEntity.ThrustAngle

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ThrustAngle(  
    const aAngle: Single;  
    const aSpeed: Single  
);
```

Description

This is ThrustAngle, a member of class TEntity.

1.1.28.2.51 TEntity.ThrustToPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ThrustToPos(  
    const aThrustSpeed: Single;  
    const aRotSpeed: Single;  
    const aDestX: Single;  
    const aDestY: Single;  
    const aSlowdownDist: Single;  
    const aStopDist: Single;  
    const aStopSpeed: Single;  
    const aStopSpeedEpsilon: Single;  
    const aDeltaTime: Double  
): Boolean;
```

Description

This is ThrustToPos, a member of class TEntity.

1.1.28.2.52 TEntity.TracePolyPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure TracePolyPoint(  
    const aMju: Single = 6;  
    const aMaxStepBack: Integer = 12;  
    const aAlphaThreshold: Integer = 70;  
    const aOrigin: PPoint = nil  
);
```

Description

This is TracePolyPoint, a member of class TEntity.

1.1.28.2.53 TEntity.Visible

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Visible(  
    const aVirtualX: Single;  
    const aVirtualY: Single  
): Boolean;
```

Description

This is Visible, a member of class TEntity.

1.1.28.2.54 TEntity.Width

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Width: Single;
```

Description

This is Width, a member of class TEntity.

1.1.28.3 TEntity Properties

The properties of the TEntity class are listed here.

Properties

	BlendMode (see page 129)	This is BlendMode, a member of class TEntity.
---	---------------------------	---

1.1.28.3.1 TEntity.BlendMode

File: DelphiGamekit.pas (see page 426)

Delphi

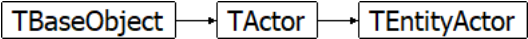
```
property BlendMode: TBlendMode;
```

Description

This is BlendMode, a member of class TEntity.

1.1.29 TEntityActor

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TEntityActor = class(TActor);
```

Description

This is class TEntityActor.

1.1.29.1 TEntityActor Fields

The fields of the TEntityActor class are listed here.

Fields

	FEntity (see page 129)	This is FEntity, a member of class TEntityActor.
---	-------------------------	--

1.1.29.1.1 TEntityActor.FEntity

File: DelphiGamekit.pas (see page 426)

Delphi

```
FEntity: TEntity;
```



Description






This is FEntity, a member of class TEntityActor.

1.1.29.2 TEntityActor Methods

The methods of the TEntityActor class are listed here.

Methods

	Collide (see page 130)	This is Collide, a member of class TEntityActor.
	Create (see page 130)	This is Create, a member of class TEntityActor.

	Destroy (see page 130)	This is Destroy, a member of class TEntityActor.
	Init (see page 130)	This is Init, a member of class TEntityActor.
	OnRender (see page 130)	This is OnRender, a member of class TEntityActor.
	Overlap (see page 131)	This is Overlap, a member of class TEntityActor.
	Overlap (see page 131)	This is Overlap, a member of class TEntityActor.

1.1.29.2.1 TEntityActor.Collide

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Collide(  
    const aActor: TActor;  
    var aHitPos: TPoint  
): Boolean; override;
```

Description

This is Collide, a member of class TEntityActor.

1.1.29.2.2 TEntityActor.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TEntityActor.

1.1.29.2.3 TEntityActor.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TEntityActor.

1.1.29.2.4 TEntityActor.Init

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Init(  
    const aSprite: TSprite;  
    const aGroup: Integer  
); virtual;
```

Description

This is Init, a member of class TEntityActor.

1.1.29.2.5 TEntityActor.OnRender

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRender; override;
```

Description

This is OnRender, a member of class TEntityActor.

1.1.29.2.6 TEntityActor.Overlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Overlap(  
  const aX: Single;  
  const aY: Single;  
  const aRadius: Single;  
  const aShrinkFactor: Single  
): Boolean; override;
```

Description

This is Overlap, a member of class TEntityActor.

1.1.29.2.7 TEntityActor.Overlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Overlap(  
  const aActor: TActor  
): Boolean; override;
```

Description

This is Overlap, a member of class TEntityActor.

1.1.29.3 TEntityActor Properties

The properties of the TEntityActor class are listed here.

Properties

	Entity (see page 131)	This is Entity, a member of class TEntityActor.
---	------------------------	---

1.1.29.3.1 TEntityActor.Entity

File: DelphiGamekit.pas (see page 426)

Delphi

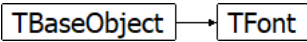
```
property Entity: TEntity;
```

Description

This is Entity, a member of class TEntityActor.

1.1.30 TFont

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TFont = class(TBaseObject);
```

Description

This is class TFont.

1.1.30.1 TFont Records

The records of the TFont class are listed here.

Records

	TGlyph (see page 132)	This is record TFont.TGlyph.
---	------------------------	------------------------------

1.1.30.1.1 TFont.TGlyph

File: DelphiGamekit.pas (see page 426)

Delphi

```
TGlyph = record
  SrcRect: SDL_Rect;
  DstRect: SDL_FRect;
  XAdvance: Single;
end;
```

Description

This is record TFont.TGlyph.

1.1.30.2 TFont Constants

The constants of the TFont class are listed here.

Constants

	cDefaultGlyphs (see page 132)	This is cDefaultGlyphs, a member of class TFont.
---	--------------------------------	--

1.1.30.2.1 TFont.cDefaultGlyphs

File: DelphiGamekit.pas (see page 426)

Delphi

```
const cDefaultGlyphs = '
! " # $ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {
| } ~ ¯ ° ± ';
```







Description

This is cDefaultGlyphs, a member of class TFont.

1.1.30.3 TFont Fields

The fields of the TFont class are listed here.

Fields

	FAtlas (see page 133)	This is FAtlas, a member of class TFont.
	FAtlasSize (see page 133)	This is FAtlasSize, a member of class TFont.
	FBaseLine (see page 133)	This is FBaseLine, a member of class TFont.
	FGeometry (see page 133)	This is FGeometry, a member of class TFont.
	FGlyph (see page 134)	This is FGlyph, a member of class TFont.
	FUseVertexBuffer (see page 134)	This is FUseVertexBuffer, a member of class TFont.
	FVertexBufferSize (see page 134)	This is FVertexBufferSize, a member of class TFont.

1.1.30.3.1 TFont.FAtlas

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAtlas: PSDL_Texture;
```

Description

This is FAtlas, a member of class TFont.

1.1.30.3.2 TFont.FAtlasSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAtlasSize: Integer;
```

Description

This is FAtlasSize, a member of class TFont.

1.1.30.3.3 TFont.FBaseLine

File: DelphiGamekit.pas (see page 426)

Delphi

```
FBaseLine: Single;
```

Description

This is FBaseLine, a member of class TFont.

1.1.30.3.4 TFont.FGeometry

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGeometry: TGeometry;
```

Description

This is FGeometry, a member of class TFont.

1.1.30.3.5 TFont.FGlyph

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGlyph: TDictionary<Integer, TGlyph>;
```

Description

This is FGlyph, a member of class TFont.

1.1.30.3.6 TFont.FUseVertexBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
FUseVertexBuffer: Boolean;
```

Description

This is FUseVertexBuffer, a member of class TFont.

1.1.30.3.7 TFont.FVertexBufferSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
FVertexBufferSize: UInt64;
```
















Description

This is FVertexBufferSize, a member of class TFont.

1.1.30.4 TFont Methods

The methods of the TFont class are listed here.

Methods

	Create (see page 135)	This is Create, a member of class TFont.
	Destroy (see page 135)	This is Destroy, a member of class TFont.
	DrawText (see page 135)	This is DrawText, a member of class TFont.
	DrawText (see page 135)	This is DrawText, a member of class TFont.
	GetUseVertexBuffer (see page 135)	This is GetUseVertexBuffer, a member of class TFont.
	GetVertexBufferSize (see page 136)	This is GetVertexBufferSize, a member of class TFont.
	Load (see page 136)	This is Load, a member of class TFont.
	Load (see page 136)	This is Load, a member of class TFont.
	LoadDefault (see page 136)	This is LoadDefault, a member of class TFont.
	RenderVertices (see page 137)	This is RenderVertices, a member of class TFont.
	SetUseVertexBuffer (see page 137)	This is SetUseVertexBuffer, a member of class TFont.
	SetVertexBufferSize (see page 137)	This is SetVertexBufferSize, a member of class TFont.
	TextHeight (see page 137)	This is TextHeight, a member of class TFont.
	TextLength (see page 137)	This is TextLength, a member of class TFont.
	Unload (see page 138)	This is Unload, a member of class TFont.

1.1.30.4.1 TFont.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TFont.

1.1.30.4.2 TFont.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TFont.

1.1.30.4.3 TFont.DrawText

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure DrawText(  
  const aX: Single;  
  var aY: Single;  
  const aLineSpace: Single;  
  const aColor: TColor;  
  aHAlign: THAlign;  
  const aMsg: string;  
  const aArgs: array of const  
); overload;
```

Description

This is DrawText, a member of class TFont.

1.1.30.4.4 TFont.DrawText

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure DrawText(  
  const aX: Single;  
  const aY: Single;  
  const aColor: TColor;  
  aHAlign: THAlign;  
  const aMsg: string;  
  const aArgs: array of const  
); overload;
```

Description

This is DrawText, a member of class TFont.

1.1.30.4.5 TFont.GetUseVertexBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetUseVertexBuffer: Boolean;
```

Description

This is GetUseVertexBuffer, a member of class TFont.

1.1.30.4.6 TFont.GetVertexBufferSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetVertexBufferSize: UInt64;
```

Description

This is GetVertexBufferSize, a member of class TFont.

1.1.30.4.7 TFont.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Load(  
    const aRWops: PSDL_RWops;  
    const aSize: Cardinal;  
    const aGlyphs: string = ''  
): Boolean; overload;
```

Description

This is Load, a member of class TFont.

1.1.30.4.8 TFont.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Load(  
    const aArchive: TArchive;  
    const aFilename: string;  
    const aSize: Cardinal;  
    const aGlyphs: string = ''  
): Boolean; overload;
```

Description

This is Load, a member of class TFont.

1.1.30.4.9 TFont.LoadDefault

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LoadDefault(  
    const aSize: Cardinal;  
    const aGlyphs: string = ''  
): Boolean;
```

Description

This is LoadDefault, a member of class TFont.

1.1.30.4.10 TFont.RenderVertices

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RenderVertices(  
    const aReset: Boolean = True  
);
```

Description

This is RenderVertices, a member of class TFont.

1.1.30.4.11 TFont.SetUseVertexBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetUseVertexBuffer(  
    const aEnable: Boolean  
);
```

Description

This is SetUseVertexBuffer, a member of class TFont.

1.1.30.4.12 TFont.SetVertexBufferSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetVertexBufferSize(  
    const aSize: UInt64  
);
```

Description

This is SetVertexBufferSize, a member of class TFont.

1.1.30.4.13 TFont.TextHeight

File: DelphiGamekit.pas (see page 426)

Delphi

```
function TextHeight: Single;
```

Description

This is TextHeight, a member of class TFont.

1.1.30.4.14 TFont.TextLength

File: DelphiGamekit.pas (see page 426)

Delphi

```
function TextLength(  
    const aMsg: string;  
    const aArgs: array of const  
): Single;
```

Description

This is TextLength, a member of class TFont.

1.1.30.4.15 TFont.Unload

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Unload;
```



Description

This is Unload, a member of class TFont.

1.1.30.5 TFont Properties

The properties of the TFont class are listed here.

Properties

 R	Atlas (see page 138)	This is Atlas, a member of class TFont.
 R	AtlasSize (see page 138)	This is AtlasSize, a member of class TFont.

1.1.30.5.1 TFont.Atlas

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Atlas: PSDL_Texture;
```

Description

This is Atlas, a member of class TFont.

1.1.30.5.2 TFont.AtlasSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
property AtlasSize: Integer;
```

Description

This is AtlasSize, a member of class TFont.

1.1.30.6 TFont Nested Types

The nested types of the TFont class are listed here.

Nested Types

	PGlyph (see page 138)	This is nested type TFont.PGlyph.
---	------------------------	-----------------------------------

1.1.30.6.1 TFont.PGlyph

File: DelphiGamekit.pas (see page 426)

Delphi

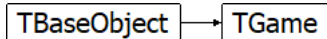
```
PGlyph = ^TGlyph;
```

Description

This is nested type TFont.PGlyph.

1.1.31 TGame

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TGame = class(TBaseObject);
```


Description

This is class TGame.

1.1.31.1 TGame Records

The records of the TGame class are listed here.

Records

	TSettings (see page 139)	This is record TGame.TSettings.
---	---------------------------	---------------------------------

1.1.31.1.1 TGame.TSettings

File: DelphiGamekit.pas (see page 426)

Delphi

```

TSettings = record
  OrgName: string;
  AppName: string;
  LogToConsole: Boolean;
  ConfigFilename: string;
  ArchivePassword: string;
  ArchiveFilename: string;
  WindowTitle: string;
  WindowPosX: Integer;
  WindowPosY: Integer;
  WindowWidth: Integer;
  WindowHeight: Integer;
  WindowClearColor: TColor;
  WindowUpdateOnLostFocus: Boolean;
  DefaultFontSize: Integer;
  DefaultFontGlyphs: string;
  HudTextItemPadWidth: Integer;
  HudPosX: Integer;
  HudPosY: Integer;
  HudLineSpace: Integer;
  AllocatesSoundChannels: Integer;
  ReserveSoundChannels: Integer;
  TimerUpdateRate: Cardinal;
  TimerFixedUpdateRate: Cardinal;
  SceneCount: Integer;
  SceneActorAttrs: TActorAttributeSet;
end;
```





















Description

This is record TGame.TSettings.

1.1.31.2 TGame Fields

The fields of the TGame class are listed here.

Fields

	FAppPauseId (see page 140)	This is FAppPauseId, a member of class TGame.
	FArchive (see page 140)	This is FArchive, a member of class TGame.
	FAsync (see page 141)	This is FAsync, a member of class TGame.
	FAudio (see page 141)	This is FAudio, a member of class TGame.
	FCmdConsole (see page 141)	This is FCmdConsole, a member of class TGame.
	FCmdLine (see page 141)	This is FCmdLine, a member of class TGame.
	FConfigFile (see page 141)	This is FConfigFile, a member of class TGame.
	FDefaultFont (see page 141)	This is FDefaultFont, a member of class TGame.
	FHud (see page 142)	This is FHud, a member of class TGame.
	FInput (see page 142)	This is FInput, a member of class TGame.
	FLog (see page 142)	This is FLog, a member of class TGame.
	FMousePos (see page 142)	This is FMousePos, a member of class TGame.
	FPaused (see page 142)	This is FPaused, a member of class TGame.
	FPauseId (see page 143)	This is FPauseId, a member of class TGame.
	FPrefs (see page 143)	This is FPrefs, a member of class TGame.
	FReady (see page 143)	This is FReady, a member of class TGame.
	FScene (see page 143)	This is FScene, a member of class TGame.
	FScreenshake (see page 143)	This is FScreenshake, a member of class TGame.
	FSettings (see page 143)	This is FSettings, a member of class TGame.
	FSpeech (see page 144)	This is FSpeech, a member of class TGame.
	FSprite (see page 144)	This is FSprite, a member of class TGame.
	FTerminate (see page 144)	This is FTerminate, a member of class TGame.
	FTimer (see page 144)	This is FTimer, a member of class TGame.
	FVideo (see page 144)	This is FVideo, a member of class TGame.
	FWindow (see page 145)	This is FWindow, a member of class TGame.

1.1.31.2.1 TGame.FAppPauseId

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAppPauseId: Int64;
```

Description

This is FAppPauseId, a member of class TGame.

1.1.31.2.2 TGame.FArchive

File: DelphiGamekit.pas (see page 426)

Delphi

```
FArchive: TArchive;
```

Description

This is FArchive, a member of class TGame.

1.1.31.2.3 TGame.FAsync

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAsync: TAsync;
```

Description

This is FAsync, a member of class TGame.

1.1.31.2.4 TGame.FAudio

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAudio: TAudio;
```

Description

This is FAudio, a member of class TGame.

1.1.31.2.5 TGame.FCmdConsole

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCmdConsole: TCmdConsole;
```

Description

This is FCmdConsole, a member of class TGame.

1.1.31.2.6 TGame.FCmdLine

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCmdLine: TCmdLine;
```

Description

This is FCmdLine, a member of class TGame.

1.1.31.2.7 TGame.FConfigFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
FConfigFile: TConfigFile;
```

Description

This is FConfigFile, a member of class TGame.

1.1.31.2.8 TGame.FDefaultFont

File: DelphiGamekit.pas (see page 426)

Delphi

```
FDefaultFont: TFont;
```

Description

This is FDefaultFont, a member of class TGame.

1.1.31.2.9 TGame.FHud

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHud: THud;
```

Description

This is FHud, a member of class TGame.

1.1.31.2.10 TGame.FInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
FInput: TInput;
```

Description

This is FInput, a member of class TGame.

1.1.31.2.11 TGame.FLog

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLog: TLog;
```

Description

This is FLog, a member of class TGame.

1.1.31.2.12 TGame.FMousePos

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMousePos: TPoint;
```

Description

This is FMousePos, a member of class TGame.

1.1.31.2.13 TGame.FPaused

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPaused: Boolean;
```

Description

This is FPaused, a member of class TGame.

1.1.31.2.14 TGame.FPauseId

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPauseId: Int64;
```

Description

This is FPauseId, a member of class TGame.

1.1.31.2.15 TGame.FPrefs

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPrefs: TPrefs;
```

Description

This is FPrefs, a member of class TGame.

1.1.31.2.16 TGame.FReady

File: DelphiGamekit.pas (see page 426)

Delphi

```
FReady: Boolean;
```

Description

This is FReady, a member of class TGame.

1.1.31.2.17 TGame.FScene

File: DelphiGamekit.pas (see page 426)

Delphi

```
FScene: TActorScene;
```

Description

This is FScene, a member of class TGame.

1.1.31.2.18 TGame.FScreenshake

File: DelphiGamekit.pas (see page 426)

Delphi

```
FScreenshake: TScreenshake;
```

Description

This is FScreenshake, a member of class TGame.

1.1.31.2.19 TGame.FSettings

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSettings: TSettings;
```

Description

This is FSettings, a member of class TGame.

1.1.31.2.20 TGame.FSpeech

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSpeech: TSpeech;
```

Description

This is FSpeech, a member of class TGame.

1.1.31.2.21 TGame.FSprite

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSprite: TSprite;
```

Description

This is FSprite, a member of class TGame.

1.1.31.2.22 TGame.FTerminate

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTerminate: Boolean;
```

Description

This is FTerminate, a member of class TGame.

1.1.31.2.23 TGame.FTimer

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTimer: TTimer;
```

Description

This is FTimer, a member of class TGame.

1.1.31.2.24 TGame.FVideo

File: DelphiGamekit.pas (see page 426)

Delphi

```
FVideo: TVideo;
```

Description

This is FVideo, a member of class TGame.

1.1.31.2.25 TGame.FWindow

File: DelphiGamekit.pas (see page 426)

Delphi

FWindow: TWindow;

Description



This is FWindow, a member of class TGame.

1.1.31.3 TGame Methods

The methods of the TGame class are listed here.

Methods

≡ 	Create (see page 146)	This is Create, a member of class TGame.
≡ 	Destroy (see page 146)	This is Destroy, a member of class TGame.
≡ 	OnAfterRenderScene (see page 146)	This is OnAfterRenderScene, a member of class TGame.
≡ 	OnApplySettings (see page 146)	This is OnApplySettings, a member of class TGame.
≡ 	OnBeforeRenderScene (see page 146)	This is OnBeforeRenderScene, a member of class TGame.
≡ 	OnBuildArchiveProgress (see page 147)	This is OnBuildArchiveProgress, a member of class TGame.
≡ 	OnClearWindow (see page 147)	This is OnClearWindow, a member of class TGame.
≡ 	OnFixedUpdate (see page 147)	This is OnFixedUpdate, a member of class TGame.
≡ 	OnInAppPurchase (see page 147)	This is OnInAppPurchase, a member of class TGame.
≡ 	OnLoadConfig (see page 147)	This is OnLoadConfig, a member of class TGame.
≡ 	OnPostLuaReset (see page 148)	This is OnPostLuaReset, a member of class TGame.
≡ 	OnPreLuaReset (see page 148)	This is OnPreLuaReset, a member of class TGame.
≡ 	OnReady (see page 148)	This is OnReady, a member of class TGame.
≡ 	OnRender (see page 148)	This is OnRender, a member of class TGame.
≡ 	OnRenderHud (see page 148)	This is OnRenderHud, a member of class TGame.
≡ 	OnSaveConfig (see page 148)	This is OnSaveConfig, a member of class TGame.
≡ 	OnSendMail (see page 149)	This is OnSendMail, a member of class TGame.
≡ 	OnSetSettings (see page 149)	This is OnSetSettings, a member of class TGame.
≡ 	OnShowWindow (see page 149)	This is OnShowWindow, a member of class TGame.
≡ 	OnShutdown (see page 149)	This is OnShutdown, a member of class TGame.
≡ 	OnSocialPost (see page 150)	This is OnSocialPost, a member of class TGame.
≡ 	OnSpeechWord (see page 150)	This is OnSpeechWord, a member of class TGame.
≡ 	OnStartup (see page 150)	This is OnStartup, a member of class TGame.
≡ 	OnUnapplySettings (see page 150)	This is OnUnapplySettings, a member of class TGame.
≡ 	OnUpdate (see page 150)	This is OnUpdate, a member of class TGame.
≡ 	OnVideoStatus (see page 151)	This is OnVideoStatus, a member of class TGame.
≡ 	Pause (see page 151)	This is Pause, a member of class TGame.
≡ 	Process (see page 151)	This is Process, a member of class TGame.
≡ 	Resume (see page 151)	This is Resume, a member of class TGame.
≡ 	Run (see page 151)	This is Run, a member of class TGame.
≡ 	SDKVersion (see page 152)	This is SDKVersion, a member of class TGame.
≡ 	Settings (see page 152)	This is Settings, a member of class TGame.

	Shutdown (see page 152)	This is Shutdown, a member of class TGame.
	Startup (see page 152)	This is Startup, a member of class TGame.

1.1.31.3.1 TGame.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TGame.

1.1.31.3.2 TGame.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TGame.

1.1.31.3.3 TGame.OnAfterRenderScene

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnAfterRenderScene(  
    const aSceneNum: Integer  
); virtual;
```

Description

This is OnAfterRenderScene, a member of class TGame.

1.1.31.3.4 TGame.OnApplySettings

File: DelphiGamekit.pas (see page 426)

Delphi

```
function OnApplySettings: Boolean; virtual;
```

Description

This is OnApplySettings, a member of class TGame.

1.1.31.3.5 TGame.OnBeforeRenderScene

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnBeforeRenderScene(  
    const aSceneNum: Integer  
); virtual;
```

Description

This is OnBeforeRenderScene, a member of class TGame.

1.1.31.3.6 TGame.OnBuildArchiveProgress

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnBuildArchiveProgress(  
    const aFilename: string;  
    const aProgress: Cardinal;  
    const aNewFile: Boolean  
); virtual;
```

Description

This is OnBuildArchiveProgress, a member of class TGame.

1.1.31.3.7 TGame.OnClearWindow

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnClearWindow; virtual;
```

Description

This is OnClearWindow, a member of class TGame.

1.1.31.3.8 TGame.OnFixedUpdate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnFixedUpdate(  
    const aFixedUpdateSpeed: Single  
); virtual;
```

Description

This is OnFixedUpdate, a member of class TGame.

1.1.31.3.9 TGame.OnInAppPurchase

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnInAppPurchase(  
    aPurchase: TInAppPurchase  
); virtual;
```

Description

This is OnInAppPurchase, a member of class TGame.

1.1.31.3.10 TGame.OnLoadConfig

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnLoadConfig; virtual;
```

Description

This is OnLoadConfig, a member of class TGame.

1.1.31.3.11 TGame.OnPostLuaReset

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnPostLuaReset; virtual;
```

Description

This is OnPostLuaReset, a member of class TGame.

1.1.31.3.12 TGame.OnPreLuaReset

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnPreLuaReset; virtual;
```

Description

This is OnPreLuaReset, a member of class TGame.

1.1.31.3.13 TGame.OnReady

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnReady(  
    const aReady: Boolean  
); virtual;
```

Description

This is OnReady, a member of class TGame.

1.1.31.3.14 TGame.OnRender

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRender; virtual;
```

Description

This is OnRender, a member of class TGame.

1.1.31.3.15 TGame.OnRenderHud

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnRenderHud; virtual;
```

Description

This is OnRenderHud, a member of class TGame.

1.1.31.3.16 TGame.OnSaveConfig

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnSaveConfig; virtual;
```

Description

This is OnSaveConfig, a member of class TGame.

1.1.31.3.17 TGame.OnSendMail

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnSendMail(  
  const aFromEmail: string;  
  const aFromName: string;  
  const aSubject: string;  
  const aTo: string;  
  const aCC: string;  
  const aBC: string;  
  const aReplyTo: string;  
  const aBody: string;  
  const aError: string  
); virtual;
```

Description

This is OnSendMail, a member of class TGame.

1.1.31.3.18 TGame.OnSetSettings

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnSetSettings; virtual;
```

Description

This is OnSetSettings, a member of class TGame.

1.1.31.3.19 TGame.OnShowWindow

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnShowWindow; virtual;
```

Description

This is OnShowWindow, a member of class TGame.

1.1.31.3.20 TGame.OnShutdown

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnShutdown; virtual;
```

Description

This is OnShutdown, a member of class TGame.

1.1.31.3.21 TGame.OnSocialPost

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnSocialPost(  
    const aSuccess: Boolean;  
    const aErrorMsg: string;  
    const aMsg: string;  
    const aMediaFilename: string  
); virtual;
```

Description

This is OnSocialPost, a member of class TGame.

1.1.31.3.22 TGame.OnSpeechWord

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnSpeechWord(  
    const aWord: string;  
    const aText: string  
); virtual;
```

Description

This is OnSpeechWord, a member of class TGame.

1.1.31.3.23 TGame.OnStartup

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnStartup; virtual;
```

Description

This is OnStartup, a member of class TGame.

1.1.31.3.24 TGame.OnUnapplySettings

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnUnapplySettings; virtual;
```

Description

This is OnUnapplySettings, a member of class TGame.

1.1.31.3.25 TGame.OnUpdate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnUpdate(  
    const aDeltaTime: Double  
); virtual;
```

Description

This is OnUpdate, a member of class TGame.

1.1.31.3.26 TGame.OnVideoStatus

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure OnVideoStatus(  
    const aStatus: TVideoStatus;  
    const aFilename: string  
); virtual;
```

Description

This is OnVideoStatus, a member of class TGame.

1.1.31.3.27 TGame.Pause

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Pause: Int64;
```

Description

This is Pause, a member of class TGame.

1.1.31.3.28 TGame.Process

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Process; virtual;
```

Description

This is Process, a member of class TGame.

1.1.31.3.29 TGame.Resume

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Resume(  
    const aId: Int64  
);
```

Description

This is Resume, a member of class TGame.

1.1.31.3.30 TGame.Run

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Run; virtual;
```

Description

This is Run, a member of class TGame.

1.1.31.3.31 TGame.SDKVersion

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SDKVersion: string;
```

Description

This is SDKVersion, a member of class TGame.

1.1.31.3.32 TGame.Settings

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Settings: PSettings; virtual;
```

Description

This is Settings, a member of class TGame.

1.1.31.3.33 TGame.Shutdown

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Shutdown; virtual;
```

Description

This is Shutdown, a member of class TGame.

1.1.31.3.34 TGame.Startup

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Startup: Boolean; virtual;
```






Description


















This is Startup, a member of class TGame.

1.1.31.4 TGame Properties

The properties of the TGame class are listed here.

Properties

	Archive (see page 153)	This is Archive, a member of class TGame.
	Async (see page 153)	This is Async, a member of class TGame.
	Audio (see page 153)	This is Audio, a member of class TGame.
	CmdConsole (see page 153)	This is CmdConsole, a member of class TGame.
	CmdLine (see page 154)	This is CmdLine, a member of class TGame.

	ConfigFile (see page 154)	This is ConfigFile, a member of class TGame.
	DefaultFont (see page 154)	This is DefaultFont, a member of class TGame.
	Hud (see page 154)	This is Hud, a member of class TGame.
	Input (see page 154)	This is Input, a member of class TGame.
	Log (see page 155)	This is Log, a member of class TGame.
	MousePos (see page 155)	This is MousePos, a member of class TGame.
	Paused (see page 155)	This is Paused, a member of class TGame.
	Prefs (see page 155)	This is Prefs, a member of class TGame.
	Ready (see page 155)	This is Ready, a member of class TGame.
	Scene (see page 155)	This is Scene, a member of class TGame.
	Screenshake (see page 156)	This is Screenshake, a member of class TGame.
	Speech (see page 156)	This is Speech, a member of class TGame.
	Sprite (see page 156)	This is Sprite, a member of class TGame.
	Terminate (see page 156)	This is Terminate, a member of class TGame.
	Timer (see page 156)	This is Timer, a member of class TGame.
	Video (see page 157)	This is Video, a member of class TGame.
	Window (see page 157)	This is Window, a member of class TGame.

1.1.31.4.1 TGame.Archive

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Archive: TArchive;
```

Description

This is Archive, a member of class TGame.

1.1.31.4.2 TGame.Async

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Async: TAsync;
```

Description

This is Async, a member of class TGame.

1.1.31.4.3 TGame.Audio

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Audio: TAudio;
```

Description

This is Audio, a member of class TGame.

1.1.31.4.4 TGame.CmdConsole

File: DelphiGamekit.pas (see page 426)

Delphi

```
property CmdConsole: TCmdConsole;
```

Description

This is CmdConsole, a member of class TGame.

1.1.31.4.5 TGame.CmdLine

File: DelphiGamekit.pas (see page 426)

Delphi

```
property CmdLine: TCmdLine;
```

Description

This is CmdLine, a member of class TGame.

1.1.31.4.6 TGame.ConfigFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
property ConfigFile: TConfigFile;
```

Description

This is ConfigFile, a member of class TGame.

1.1.31.4.7 TGame.DefaultFont

File: DelphiGamekit.pas (see page 426)

Delphi

```
property DefaultFont: TFont;
```

Description

This is DefaultFont, a member of class TGame.

1.1.31.4.8 TGame.Hud

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Hud: THud;
```

Description

This is Hud, a member of class TGame.

1.1.31.4.9 TGame.Input

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Input: TInput;
```

Description

This is Input, a member of class TGame.

1.1.31.4.10 TGame.Log

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Log: TLog;
```

Description

This is Log, a member of class TGame.

1.1.31.4.11 TGame.MousePos

File: DelphiGamekit.pas (see page 426)

Delphi

```
property MousePos: TPoint;
```

Description

This is MousePos, a member of class TGame.

1.1.31.4.12 TGame.Paused

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Paused: Boolean;
```

Description

This is Paused, a member of class TGame.

1.1.31.4.13 TGame.Prefs

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Prefs: TPrefs;
```

Description

This is Prefs, a member of class TGame.

1.1.31.4.14 TGame.Ready

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Ready: Boolean;
```

Description

This is Ready, a member of class TGame.

1.1.31.4.15 TGame.Scene

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Scene: TActorScene;
```

Description

This is Scene, a member of class TGame.

1.1.31.4.16 TGame.Screenshake

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Screenshake: TScreenshake;
```

Description

This is Screenshake, a member of class TGame.

1.1.31.4.17 TGame.Speech

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Speech: TSpeech;
```

Description

This is Speech, a member of class TGame.

1.1.31.4.18 TGame.Sprite

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Sprite: TSprite;
```

Description

This is Sprite, a member of class TGame.

1.1.31.4.19 TGame.Terminate

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Terminate: Boolean;
```

Description

This is Terminate, a member of class TGame.

1.1.31.4.20 TGame.Timer

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Timer: TTimer;
```

Description

This is Timer, a member of class TGame.

1.1.31.4.21 TGame.Video

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Video: TVideo;
```

Description

This is Video, a member of class TGame.

1.1.31.4.22 TGame.Window

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Window: TWindow;
```

Description

This is Window, a member of class TGame.

1.1.31.5 TGame Nested Types

The nested types of the TGame class are listed here.

Nested Types

	PSettings (see page 157)	This is nested type TGame.PSettings.
---	---------------------------	--------------------------------------

1.1.31.5.1 TGame.PSettings

File: DelphiGamekit.pas (see page 426)

Delphi

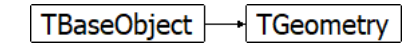
```
PSettings = ^TSettings;
```

Description

This is nested type TGame.PSettings.

1.1.32 TGeometry

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TGeometry = class(TBaseObject);
```







Description

This is class TGeometry.

1.1.32.1 TGeometry Methods

The methods of the TGeometry class are listed here.

Methods

	AddVertex (see page 158)	This is AddVertex, a member of class TGeometry.
	Alloc (see page 158)	This is Alloc, a member of class TGeometry.
	Create (see page 158)	This is Create, a member of class TGeometry.
	Destroy (see page 158)	This is Destroy, a member of class TGeometry.
	Render (see page 159)	This is Render, a member of class TGeometry.
	Reset (see page 159)	This is Reset, a member of class TGeometry.

1.1.32.1.1 TGeometry.AddVertex

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure AddVertex(  
  const aX: Single;  
  const aY: Single;  
  const aColor: SDL_Color;  
  const aTX: Single;  
  const aTY: Single  
);
```

Description

This is AddVertex, a member of class TGeometry.

1.1.32.1.2 TGeometry.Alloc

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Alloc(  
  const aNumTriangles: UInt64  
);
```

Description

This is Alloc, a member of class TGeometry.

1.1.32.1.3 TGeometry.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TGeometry.

1.1.32.1.4 TGeometry.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TGeometry.

1.1.32.1.5 TGeometry.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
  const aTexture: PSDL_Texture;  
  const aReset: Boolean = True  
);
```

Description

This is Render, a member of class TGeometry.

1.1.32.1.6 TGeometry.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Reset;
```

Description

This is Reset, a member of class TGeometry.

1.1.33 THud

File: DelphiGamekit.pas (see page 426)

Delphi

```
THud = record  
end;
```

Description

This is class THud.

1.1.33.1 THud Methods

The methods of the THud class are listed here.

Methods

≡	ResetPos (see page 160)	This is ResetPos, a member of class THud.
≡	SetLineSpace (see page 160)	This is SetLineSpace, a member of class THud.
≡	SetPos (see page 160)	This is SetPos, a member of class THud.
≡	SetTextItemPadWidth (see page 160)	This is SetTextItemPadWidth, a member of class THud.
≡	Text (see page 160)	This is Text, a member of class THud.
≡	TextItem (see page 161)	This is TextItem, a member of class THud.

1.1.33.1.1 THud.ResetPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ResetPos; static;
```

Description

This is ResetPos, a member of class THud.

1.1.33.1.2 THud.SetLineSpace

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetLineSpace(  
    const aLineSpace: Integer  
); static;
```

Description

This is SetLineSpace, a member of class THud.

1.1.33.1.3 THud.SetPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetPos(  
    const aX: Integer;  
    const aY: Integer  
); static;
```

Description

This is SetPos, a member of class THud.

1.1.33.1.4 THud.SetTextItemPadWidth

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetTextItemPadWidth(  
    const aWidth: Integer  
); static;
```

Description

This is SetTextItemPadWidth, a member of class THud.

1.1.33.1.5 THud.Text

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Text(  
    const aFont: TFont;  
    const aColor: TColor;  
    const aHAlign: THAlign;  
    const aMsg: string;  
    const aArgs: array of const
```

```
); static;
```

Description

This is Text, a member of class THud.

1.1.33.1.6 THud.TextItem

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function TextItem(  
    const aKey: string;  
    const aValue: string;  
    const aSeperator: string = ' - '  
): string; static;
```



Description

This is TextItem, a member of class THud.

1.1.33.2 THud Operators

The operators of the THud class are listed here.

Operators

	Finalize (see page 161)	This is Finalize, a member of class THud.
	Initialize (see page 161)	This is Initialize, a member of class THud.

1.1.33.2.1 THud.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: THud  
);
```

Description

This is Finalize, a member of class THud.

1.1.33.2.2 THud.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

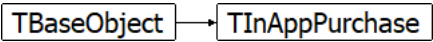
```
class operator Initialize(  
    out aDest: THud  
);
```

Description

This is Initialize, a member of class THud.

1.1.34 TInAppPurchase

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TInAppPurchase = class(TBaseObject);
```

Description

This is class TInAppPurchase.

1.1.34.1 TInAppPurchase Fields

The fields of the TInAppPurchase class are listed here.

Fields

	FAmount (see page 162)	This is FAmount, a member of class TInAppPurchase.
	FBusy (see page 162)	This is FBusy, a member of class TInAppPurchase.
	FCurrency (see page 162)	This is FCurrency, a member of class TInAppPurchase.
	FDescription (see page 163)	This is FDescription, a member of class TInAppPurchase.
	FError (see page 163)	This is FError, a member of class TInAppPurchase.
	FId (see page 163)	This is FId, a member of class TInAppPurchase.
	FStatus (see page 163)	This is FStatus, a member of class TInAppPurchase.

1.1.34.1.1 TInAppPurchase.FAmount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FAmount: string;
```

Description

This is FAmount, a member of class TInAppPurchase.

1.1.34.1.2 TInAppPurchase.FBusy

File: DelphiGamekit.pas (see page 426)

Delphi

```
FBusy: Boolean;
```

Description

This is FBusy, a member of class TInAppPurchase.

1.1.34.1.3 TInAppPurchase.FCurrency

File: DelphiGamekit.pas (see page 426)

Delphi

FCurrency: string;

Description

This is FCurrency, a member of class TInAppPurchase.

1.1.34.1.4 TInAppPurchase.FDescription

File: DelphiGamekit.pas (see page 426)

Delphi

FDescription: string;

Description

This is FDescription, a member of class TInAppPurchase.

1.1.34.1.5 TInAppPurchase.FError

File: DelphiGamekit.pas (see page 426)

Delphi

FError: string;

Description

This is FError, a member of class TInAppPurchase.

1.1.34.1.6 TInAppPurchase.FId

File: DelphiGamekit.pas (see page 426)

Delphi

FId: string;

Description

This is FId, a member of class TInAppPurchase.

1.1.34.1.7 TInAppPurchase.FStatus

File: DelphiGamekit.pas (see page 426)

Delphi

FStatus: string;




Description








This is FStatus, a member of class TInAppPurchase.

1.1.34.2 TInAppPurchase Methods

The methods of the TInAppPurchase class are listed here.

Methods

	Busy (see page 164)	This is Busy, a member of class TInAppPurchase.
	Buy (see page 164)	This is Buy, a member of class TInAppPurchase.
	Create (see page 164)	This is Create, a member of class TInAppPurchase.

	Destroy (see page 164)	This is Destroy, a member of class TInAppPurchase.
	GetAmount (see page 165)	This is GetAmount, a member of class TInAppPurchase.
	GetCurrency (see page 165)	This is GetCurrency, a member of class TInAppPurchase.
	GetDescription (see page 165)	This is GetDescription, a member of class TInAppPurchase.
	GetId (see page 165)	This is GetId, a member of class TInAppPurchase.
	GetLastError (see page 165)	This is GetLastError, a member of class TInAppPurchase.
	GetStatus (see page 165)	This is GetStatus, a member of class TInAppPurchase.

1.1.34.2.1 TInAppPurchase.Busy

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Busy: Boolean;
```

Description

This is Busy, a member of class TInAppPurchase.

1.1.34.2.2 TInAppPurchase.Buy

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Buy(
  const aKey: string;
  const aDescription: string;
  aAmount: Single;
  const aCurrency: string;
  const aCardNum: string;
  aExpMonth: Integer;
  aExpYear: Integer;
  aCvc: string
);
```

Description

This is Buy, a member of class TInAppPurchase.

1.1.34.2.3 TInAppPurchase.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TInAppPurchase.

1.1.34.2.4 TInAppPurchase.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TInAppPurchase.

1.1.34.2.5 TInAppPurchase.GetAmount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetAmount: string;
```

Description

This is GetAmount, a member of class TInAppPurchase.

1.1.34.2.6 TInAppPurchase.GetCurrency

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetCurrency: string;
```

Description

This is GetCurrency, a member of class TInAppPurchase.

1.1.34.2.7 TInAppPurchase.GetDescription

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetDescription: string;
```

Description

This is GetDescription, a member of class TInAppPurchase.

1.1.34.2.8 TInAppPurchase.GetId

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetId: string;
```

Description

This is GetId, a member of class TInAppPurchase.

1.1.34.2.9 TInAppPurchase.GetLastError

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetLastError: string;
```

Description

This is GetLastError, a member of class TInAppPurchase.

1.1.34.2.10 TInAppPurchase.GetStatus

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetStatus: string;
```

Description

This is GetStatus, a member of class TInAppPurchase.

1.1.35 TInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
TInput = record
end;
```

Description

This is class TInput.

1.1.35.1 TInput Methods

The methods of the TInput class are listed here.

Methods

☞	Clear (see page 167)	This is Clear, a member of class TInput.
☞	ClearKey (see page 167)	This is ClearKey, a member of class TInput.
☞	ClearLastInputChar (see page 167)	This is ClearLastInputChar, a member of class TInput.
☞	ClearTextInput (see page 167)	This is ClearTextInput, a member of class TInput.
☞	Close (see page 167)	This is Close, a member of class TInput.
☞	ControllerDown (see page 167)	This is ControllerDown, a member of class TInput.
☞	ControllerPosition (see page 168)	This is ControllerPosition, a member of class TInput.
☞	ControllerPressed (see page 168)	This is ControllerPressed, a member of class TInput.
☞	ControllerReleased (see page 168)	This is ControllerReleased, a member of class TInput.
☞	GetEnableTextInput (see page 168)	This is GetEnableTextInput, a member of class TInput.
☞	GetMouseInfo (see page 168)	This is GetMouseInfo, a member of class TInput.
☞	GetTextInput (see page 169)	This is GetTextInput, a member of class TInput.
☞	GetTextInputSize (see page 169)	This is GetTextInputSize, a member of class TInput.
☞	KeyDown (see page 169)	This is KeyDown, a member of class TInput.
☞	KeyPressed (see page 169)	This is KeyPressed, a member of class TInput.
☞	KeyReleased (see page 169)	This is KeyReleased, a member of class TInput.
☞	MouseDown (see page 170)	This is MouseDown, a member of class TInput.
☞	MousePressed (see page 170)	This is MousePressed, a member of class TInput.
☞	MouseReleased (see page 170)	This is MouseReleased, a member of class TInput.
☞	Open (see page 170)	This is Open, a member of class TInput.
☞	SetEnableTextInput (see page 170)	This is SetEnableTextInput, a member of class TInput.
☞	SetMousePos (see page 171)	This is SetMousePos, a member of class TInput.
☞	SetTextInput (see page 171)	This is SetTextInput, a member of class TInput.
☞	SetTextInputSize (see page 171)	This is SetTextInputSize, a member of class TInput.
☞	Update (see page 171)	This is Update, a member of class TInput.

1.1.35.1.1 TInput.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Clear; static;
```

Description

This is Clear, a member of class TInput.

1.1.35.1.2 TInput.ClearKey

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ClearKey(  
    const aKey: Cardinal  
); static;
```

Description

This is ClearKey, a member of class TInput.

1.1.35.1.3 TInput.ClearLastInputChar

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ClearLastInputChar; static;
```

Description

This is ClearLastInputChar, a member of class TInput.

1.1.35.1.4 TInput.ClearTextInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ClearTextInput; static;
```

Description

This is ClearTextInput, a member of class TInput.

1.1.35.1.5 TInput.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Close; static;
```

Description

This is Close, a member of class TInput.

1.1.35.1.6 TInput.ControllerDown

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ControllerDown(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is ControllerDown, a member of class TInput.

1.1.35.1.7 TInput.ControllerPosition

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ControllerPosition(  
    const aAxis: Cardinal  
): Single; static;
```

Description

This is ControllerPosition, a member of class TInput.

1.1.35.1.8 TInput.ControllerPressed

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ControllerPressed(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is ControllerPressed, a member of class TInput.

1.1.35.1.9 TInput.ControllerReleased

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ControllerReleased(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is ControllerReleased, a member of class TInput.

1.1.35.1.10 TInput.GetEnableTextInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetEnableTextInput: Boolean; static;
```

Description

This is GetEnableTextInput, a member of class TInput.

1.1.35.1.11 TInput.GetMouseInfo

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure GetMouseInfo(  
    const aPosition: PPoint;  
    const aDelta: PVector  
); static;
```

Description

This is GetMouseInfo, a member of class TInput.

1.1.35.1.12 TInput.GetTextInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetTextInput: string; static;
```

Description

This is GetTextInput, a member of class TInput.

1.1.35.1.13 TInput.GetTextInputSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetTextInputSize: Cardinal; static;
```

Description

This is GetTextInputSize, a member of class TInput.

1.1.35.1.14 TInput.KeyDown

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function KeyDown(  
    const aKey: Cardinal  
): Boolean; static;
```

Description

This is KeyDown, a member of class TInput.

1.1.35.1.15 TInput.KeyPressed

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function KeyPressed(  
    const aKey: Cardinal  
): Boolean; static;
```

Description

This is KeyPressed, a member of class TInput.

1.1.35.1.16 TInput.KeyReleased

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function KeyReleased(  
    const aKey: Cardinal  
): Boolean; static;
```

Description

This is KeyReleased, a member of class TInput.

1.1.35.1.17 TInput.MouseDown

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function MouseDown(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is MouseDown, a member of class TInput.

1.1.35.1.18 TInput.MousePressed

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function MousePressed(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is MousePressed, a member of class TInput.

1.1.35.1.19 TInput.MouseReleased

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function MouseReleased(  
    const aButton: Cardinal  
): Boolean; static;
```

Description

This is MouseReleased, a member of class TInput.

1.1.35.1.20 TInput.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Open; static;
```

Description

This is Open, a member of class TInput.

1.1.35.1.21 TInput.SetEnableTextInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetEnableTextInput(  
    const aEnable: Boolean  
); static;
```

Description

This is SetEnableTextInput, a member of class TInput.

1.1.35.1.22 TInput.SetMousePos

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetMousePos(  
    const aX: Integer;  
    const aY: Integer  
); static;
```

Description

This is SetMousePos, a member of class TInput.

1.1.35.1.23 TInput.SetTextInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetTextInput(  
    const aText: string  
); static;
```

Description

This is SetTextInput, a member of class TInput.

1.1.35.1.24 TInput.SetTextInputSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetTextInputSize(  
    const aSize: Cardinal  
); static;
```

Description

This is SetTextInputSize, a member of class TInput.

1.1.35.1.25 TInput.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Update(  
    const aEvent: PSDL_Event  
); static;
```



Description

This is Update, a member of class TInput.

1.1.35.2 TInput Operators

The operators of the TInput class are listed here.

Operators

	Finalize (see page 172)	This is Finalize, a member of class TInput.
	Initialize (see page 172)	This is Initialize, a member of class TInput.

1.1.35.2.1 TInput.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TInput  
);
```

Description

This is Finalize, a member of class TInput.

1.1.35.2.2 TInput.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

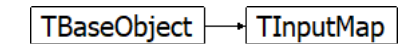
```
class operator Initialize(  
    out aDest: TInput  
);
```

Description

This is Initialize, a member of class TInput.

1.1.36 TInputMap

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TInputMap = class(TBaseObject);
```



Description

This is class TInputMap.

1.1.36.1 TInputMap Records

The records of the TInputMap class are listed here.

Records

	TAction (see page 173)	This is record TInputMap.TAction.
	TInput (see page 173)	This is record TInputMap.TInput.

1.1.36.1.1 TInputMap.TAction

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAction = record
  Action: string;
  List: TList<TInputMap.TInput>;
end;
```

Description

This is record TInputMap.TAction.

1.1.36.1.2 TInputMap.TInput

File: DelphiGamekit.pas (see page 426)

Delphi

```
TInput = record
  Device: TInputDevice;
  Data: Integer;
end;
```

Description

This is record TInputMap.TInput.

1.1.36.2 TInputMap Fields

The fields of the TInputMap class are listed here.

Fields

	FList (see page 173)	This is FList, a member of class TInputMap.
---	-----------------------	---

1.1.36.2.1 TInputMap.FList

File: DelphiGamekit.pas (see page 426)

Delphi

```
FList: TDictionary<string, TAction>;
```



Description












This is FList, a member of class TInputMap.

1.1.36.3 TInputMap Methods

The methods of the TInputMap class are listed here.

Methods

	Add (see page 174)	This is Add, a member of class TInputMap.
	Clear (see page 174)	This is Clear, a member of class TInputMap.

	Create (see page 174)	This is Create, a member of class TInputMap.
	Destroy (see page 174)	This is Destroy, a member of class TInputMap.
	Down (see page 175)	This is Down, a member of class TInputMap.
	Load (see page 175)	This is Load, a member of class TInputMap.
	NewAction (see page 175)	This is NewAction, a member of class TInputMap.
	Pressed (see page 175)	This is Pressed, a member of class TInputMap.
	Released (see page 175)	This is Released, a member of class TInputMap.
	Remove (see page 176)	This is Remove, a member of class TInputMap.
	Remove (see page 176)	This is Remove, a member of class TInputMap.
	Save (see page 176)	This is Save, a member of class TInputMap.
	SetupDefaults (see page 176)	This is SetupDefaults, a member of class TInputMap.

1.1.36.3.1 TInputMap.Add

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Add(  
    const aAction: string;  
    aDevice: TInputDevice;  
    aData: Integer  
): Boolean;
```

Description

This is Add, a member of class TInputMap.

1.1.36.3.2 TInputMap.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TInputMap.

1.1.36.3.3 TInputMap.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TInputMap.

1.1.36.3.4 TInputMap.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TInputMap.

1.1.36.3.5 TInputMap.Down

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Down(  
    const aAction: string  
): Boolean;
```

Description

This is Down, a member of class TInputMap.

1.1.36.3.6 TInputMap.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Load(  
    const aArchive: TArchive;  
    const aFilename: string  
): Boolean;
```

Description

This is Load, a member of class TInputMap.

1.1.36.3.7 TInputMap.NewAction

File: DelphiGamekit.pas (see page 426)

Delphi

```
function NewAction(  
    const aAction: string;  
    aDevice: TInputDevice;  
    aData: Integer  
): TAction;
```

Description

This is NewAction, a member of class TInputMap.

1.1.36.3.8 TInputMap.Pressed

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Pressed(  
    const aAction: string  
): Boolean;
```

Description

This is Pressed, a member of class TInputMap.

1.1.36.3.9 TInputMap.Released

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Released(  
    const aAction: string
```

```
) : Boolean;
```

Description

This is Released, a member of class TInputMap.

1.1.36.3.10 TInputMap.Remove

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Remove(  
    const aAction: string  
): Boolean; overload;
```

Description

This is Remove, a member of class TInputMap.

1.1.36.3.11 TInputMap.Remove

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Remove(  
    const aAction: string;  
    aDevice: TInputDevice;  
    aData: Integer  
): Boolean; overload;
```

Description

This is Remove, a member of class TInputMap.

1.1.36.3.12 TInputMap.Save

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Save(  
    const aFilename: string  
): Boolean;
```

Description

This is Save, a member of class TInputMap.

1.1.36.3.13 TInputMap.SetupDefaults

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetupDefaults; virtual;
```

Description

This is SetupDefaults, a member of class TInputMap.

1.1.37 TLog

File: DelphiGamekit.pas (see page 426)

Delphi

```
TLog = record
end;
```











Description

This is class TLog.

1.1.37.1 TLog Methods

The methods of the TLog class are listed here.

Methods

	Add (see page 177)	This is Add, a member of class TLog.
	Close (see page 177)	This is Close, a member of class TLog.
	Fatal (see page 177)	This is Fatal, a member of class TLog.
	GetConsoleOutput (see page 178)	This is GetConsoleOutput, a member of class TLog.
	GetFilename (see page 178)	This is GetFilename, a member of class TLog.
	Open (see page 178)	This is Open, a member of class TLog.
	Opened (see page 178)	This is Opened, a member of class TLog.
	Reset (see page 178)	This is Reset, a member of class TLog.
	SetConsoleOutput (see page 179)	This is SetConsoleOutput, a member of class TLog.
	View (see page 179)	This is View, a member of class TLog.

1.1.37.1.1 TLog.Add

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Add(
    const aMsg: string;
    const aArgs: array of const
): string; static;
```

Description

This is Add, a member of class TLog.

1.1.37.1.2 TLog.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Close; static;
```

Description

This is Close, a member of class TLog.

1.1.37.1.3 TLog.Fatal

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Fatal(
    const aMsg: string;
    const aArgs: array of const
); static;
```

Description

This is Fatal, a member of class TLog.

1.1.37.1.4 TLog.GetConsoleOutput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetConsoleOutput: Boolean; static;
```

Description

This is GetConsoleOutput, a member of class TLog.

1.1.37.1.5 TLog.GetFilename

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetFilename: string; static;
```

Description

This is GetFilename, a member of class TLog.

1.1.37.1.6 TLog.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Open: Boolean; static;
```

Description

This is Open, a member of class TLog.

1.1.37.1.7 TLog.Opened

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Opened: Boolean; static;
```

Description

This is Opened, a member of class TLog.

1.1.37.1.8 TLog.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Reset; static;
```

Description

This is Reset, a member of class TLog.

1.1.37.1.9 TLog.SetConsoleOutput

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetConsoleOutput(  
    const aConsoleOutput: Boolean  
); static;
```

Description

This is SetConsoleOutput, a member of class TLog.

1.1.37.1.10 TLog.View

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure View; static;
```



Description

This is View, a member of class TLog.

1.1.37.2 TLog Operators

The operators of the TLog class are listed here.

Operators

	Finalize (see page 179)	This is Finalize, a member of class TLog.
	Initialize (see page 179)	This is Initialize, a member of class TLog.

1.1.37.2.1 TLog.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TLog  
);
```

Description

This is Finalize, a member of class TLog.

1.1.37.2.2 TLog.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

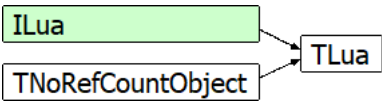
```
class operator Initialize(  
    out aDest: TLog  
);
```

Description

This is Initialize, a member of class TLog.

1.1.38 TLua

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TLua = class(TNoRefCountObject, ILua);
```

Description

This is class TLua.

1.1.38.1 TLua Fields

The fields of the TLua class are listed here.

Fields

	FContext (see page 180)	This is FContext, a member of class TLua.
	FGCStep (see page 180)	This is FGCStep, a member of class TLua.
	FState (see page 180)	This is FState, a member of class TLua.

1.1.38.1.1 TLua.FContext

File: DelphiGamekit.pas (see page 426)

Delphi

```
FContext: TLuaContext;
```

Description

This is FContext, a member of class TLua.

1.1.38.1.2 TLua.FGCStep

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGCStep: Integer;
```

Description

This is FGCStep, a member of class TLua.

1.1.38.1.3 TLua.FState

File: DelphiGamekit.pas (see page 426)

Delphi

```
FState: Pointer;
```

Description




This is FState, a member of class TLua.

1.1.38.2 TLua Methods

The methods of the TLua class are listed here.

Methods

≡🔗	Bundle (see page 182)	This is Bundle, a member of class TLua.
≡🔗	Call (see page 182)	This is Call, a member of class TLua.
≡🔗	Call (see page 182)	This is Call, a member of class TLua.
≡🔗	CallFunction (see page 182)	This is CallFunction, a member of class TLua.
≡🔗	CheckLuaError (see page 182)	This is CheckLuaError, a member of class TLua.
≡🔗	CleanStack (see page 183)	This is CleanStack, a member of class TLua.
≡🔗	Close (see page 183)	This is Close, a member of class TLua.
≡🔗	CollectGarbage (see page 183)	This is CollectGarbage, a member of class TLua.
≡🔗	CompileToStream (see page 183)	This is CompileToStream, a member of class TLua.
≡🔗	Create (see page 183)	This is Create, a member of class TLua.
≡🔗	Destroy (see page 184)	This is Destroy, a member of class TLua.
≡🔗	DoCall (see page 184)	This is DoCall, a member of class TLua.
≡🔗	DoCall (see page 184)	This is DoCall, a member of class TLua.
≡🔗	GetGCMemoryUsed (see page 184)	This is GetGCMemoryUsed, a member of class TLua.
≡🔗	GetGCStepSize (see page 184)	This is GetGCStepSize, a member of class TLua.
≡🔗	GetLuaValue (see page 185)	This is GetLuaValue, a member of class TLua.
≡🔗	GetVariable (see page 185)	This is GetVariable, a member of class TLua.
≡🔗	LoadBuffer (see page 185)	This is LoadBuffer, a member of class TLua.
≡🔗	LoadByteCode (see page 185)	This is LoadByteCode, a member of class TLua.
≡🔗	LoadFile (see page 186)	This is LoadFile, a member of class TLua.
≡🔗	LoadStream (see page 186)	This is LoadStream, a member of class TLua.
≡🔗	LoadString (see page 186)	This is LoadString, a member of class TLua.
≡🔗	Open (see page 186)	This is Open, a member of class TLua.
≡🔗	PrepCall (see page 186)	This is PrepCall, a member of class TLua.
≡🔗	PushGlobalTableForGet (see page 187)	This is PushGlobalTableForGet, a member of class TLua.
≡🔗	PushGlobalTableForSet (see page 187)	This is PushGlobalTableForSet, a member of class TLua.
≡🔗	PushLuaValue (see page 187)	This is PushLuaValue, a member of class TLua.
≡🔗	PushTValue (see page 187)	This is PushTValue, a member of class TLua.
≡🔗	RegisterRoutine (see page 187)	This is RegisterRoutine, a member of class TLua.
≡🔗	RegisterRoutine (see page 188)	This is RegisterRoutine, a member of class TLua.
≡🔗	RegisterRoutines (see page 188)	This is RegisterRoutines, a member of class TLua.
≡🔗	RegisterRoutines (see page 188)	This is RegisterRoutines, a member of class TLua.
≡🔗	RegisterRoutines (see page 188)	This is RegisterRoutines, a member of class TLua.
≡🔗	RegisterRoutines (see page 189)	This is RegisterRoutines, a member of class TLua.
≡🔗	Reset (see page 189)	This is Reset, a member of class TLua.
≡🔗	RoutineExist (see page 189)	This is RoutineExist, a member of class TLua.
≡🔗	Run (see page 189)	This is Run, a member of class TLua.
≡🔗	SaveByteCode (see page 189)	This is SaveByteCode, a member of class TLua.

	SetGCStepSize (see page 190)	This is SetGCStepSize, a member of class TLua.
	SetVariable (see page 190)	This is SetVariable, a member of class TLua.
	VariableExist (see page 190)	This is VariableExist, a member of class TLua.

1.1.38.2.1 TLua.Bundle

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Bundle(  
  aInFilename: string;  
  aOutFilename: string  
);
```

Description

This is Bundle, a member of class TLua.

1.1.38.2.2 TLua.Call

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Call(  
  aParamCount: Integer  
): TLuaValue; overload;
```

Description

This is Call, a member of class TLua.

1.1.38.2.3 TLua.Call

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Call(  
  const aName: string;  
  const aParams: array of TLuaValue  
): TLuaValue; overload;
```

Description

This is Call, a member of class TLua.

1.1.38.2.4 TLua.CallFunction

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CallFunction(  
  const aParams: array of TValue  
): TValue;
```

Description

This is CallFunction, a member of class TLua.

1.1.38.2.5 TLua.CheckLuaError

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CheckLuaError(  
    const aError: Integer  
);
```

Description

This is CheckLuaError, a member of class TLua.

1.1.38.2.6 TLua.CleanStack

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CleanStack;
```

Description

This is CleanStack, a member of class TLua.

1.1.38.2.7 TLua.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TLua.

1.1.38.2.8 TLua.CollectGarbage

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CollectGarbage;
```

Description

This is CollectGarbage, a member of class TLua.

1.1.38.2.9 TLua.CompileToStream

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CompileToStream(  
    aFilename: string;  
    aStream: TStream;  
    aCleanOutput: Boolean  
);
```

Description

This is CompileToStream, a member of class TLua.

1.1.38.2.10 TLua.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; virtual;
```

Description

This is Create, a member of class TLua.

1.1.38.2.11 TLua.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TLua.

1.1.38.2.12 TLua.DoCall

File: DelphiGamekit.pas (see page 426)

Delphi

```
function DoCall(  
    aParamCount: Integer  
): TLuaValue; overload;
```

Description

This is DoCall, a member of class TLua.

1.1.38.2.13 TLua.DoCall

File: DelphiGamekit.pas (see page 426)

Delphi

```
function DoCall(  
    const aParams: array of TLuaValue  
): TLuaValue; overload;
```

Description

This is DoCall, a member of class TLua.

1.1.38.2.14 TLua.GetGCMemoryUsed

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetGCMemoryUsed: Integer;
```

Description

This is GetGCMemoryUsed, a member of class TLua.

1.1.38.2.15 TLua.GetGCStepSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetGCStepSize: Integer;
```

Description

This is GetGCStepSize, a member of class TLua.

1.1.38.2.16 TLua.GetLuaValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetLuaValue(  
    aIndex: Integer  
): TLuaValue;
```

Description

This is GetLuaValue, a member of class TLua.

1.1.38.2.17 TLua.GetVariable

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetVariable(  
    const aName: string;  
    aType: TLuaValueType  
): TLuaValue;
```

Description

This is GetVariable, a member of class TLua.

1.1.38.2.18 TLua.LoadBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadBuffer(  
    aData: Pointer;  
    aSize: NativeUInt;  
    aAutoRun: Boolean = True  
);
```

Description

This is LoadBuffer, a member of class TLua.

1.1.38.2.19 TLua.LoadByteCode

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadByteCode(  
    aStream: TStream;  
    aName: string;  
    aAutoRun: Boolean = True  
);
```

Description

This is LoadByteCode, a member of class TLua.

1.1.38.2.20 TLua.LoadFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LoadFile(  
    const aFilename: string;  
    aAutoRun: Boolean = True  
): Boolean;
```

Description

This is LoadFile, a member of class TLua.

1.1.38.2.21 TLua.LoadStream

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadStream(  
    aStream: TStream;  
    aSize: NativeUInt = 0;  
    aAutoRun: Boolean = True  
);
```

Description

This is LoadStream, a member of class TLua.

1.1.38.2.22 TLua.LoadString

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadString(  
    const aData: string;  
    aAutoRun: Boolean = True  
);
```

Description

This is LoadString, a member of class TLua.

1.1.38.2.23 TLua.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Open;
```

Description

This is Open, a member of class TLua.

1.1.38.2.24 TLua.PrepareCall

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PrepareCall(  
    const aName: string  
): Boolean;
```

Description

This is PrepCall, a member of class TLua.

1.1.38.2.25 TLua.PushGlobalTableForGet

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PushGlobalTableForGet(  
    aName: array of string;  
    var aIndex: Integer  
): Boolean;
```

Description

This is PushGlobalTableForGet, a member of class TLua.

1.1.38.2.26 TLua.PushGlobalTableForSet

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PushGlobalTableForSet(  
    aName: array of string;  
    var aIndex: Integer  
): Boolean;
```

Description

This is PushGlobalTableForSet, a member of class TLua.

1.1.38.2.27 TLua.PushLuaValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PushLuaValue(  
    aValue: TLuaValue  
);
```

Description

This is PushLuaValue, a member of class TLua.

1.1.38.2.28 TLua.PushTValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PushTValue(  
    aValue: TValue  
);
```

Description

This is PushTValue, a member of class TLua.

1.1.38.2.29 TLua.RegisterRoutine

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutine(  
    const aName: string;  
    aData: Pointer;  
    aCode: Pointer  
); overload;
```

Description

This is RegisterRoutine, a member of class TLua.

1.1.38.2.30 TLua.RegisterRoutine

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutine(  
    const aName: string;  
    aRoutine: TLuaFunction  
); overload;
```

Description

This is RegisterRoutine, a member of class TLua.

1.1.38.2.31 TLua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    aClass: TClass  
); overload;
```

Description

This is RegisterRoutines, a member of class TLua.

1.1.38.2.32 TLua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    aObject: TObject  
); overload;
```

Description

This is RegisterRoutines, a member of class TLua.

1.1.38.2.33 TLua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    const aTables: string;  
    aClass: TClass;  
    const aTableName: string = ''  
); overload;
```

Description

This is RegisterRoutines, a member of class TLua.

1.1.38.2.34 TLua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    const aTables: string;  
    aObject: TObject;  
    const aTableName: string = ''  
); overload;
```

Description

This is RegisterRoutines, a member of class TLua.

1.1.38.2.35 TLua.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Reset;
```

Description

This is Reset, a member of class TLua.

1.1.38.2.36 TLua.RoutineExist

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RoutineExist(  
    const aName: string  
): Boolean;
```

Description

This is RoutineExist, a member of class TLua.

1.1.38.2.37 TLua.Run

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Run;
```

Description

This is Run, a member of class TLua.

1.1.38.2.38 TLua.SaveByteCode

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SaveByteCode(  
    aStream: TStream  
);
```

Description

This is SaveByteCode, a member of class TLua.

1.1.38.2.39 TLua.SetGCStepSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetGCStepSize(  
    aStep: Integer  
);
```

Description

This is SetGCStepSize, a member of class TLua.

1.1.38.2.40 TLua.SetVariable

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetVariable(  
    const aName: string;  
    aValue: TLuaValue  
);
```

Description

This is SetVariable, a member of class TLua.

1.1.38.2.41 TLua.VariableExist

File: DelphiGamekit.pas (see page 426)

Delphi

```
function VariableExist(  
    const aName: string  
): Boolean;
```



Description

This is VariableExist, a member of class TLua.

1.1.38.3 TLua Properties

The properties of the TLua class are listed here.

Properties

	Context (see page 190)	This is Context, a member of class TLua.
	State (see page 191)	This is State, a member of class TLua.

1.1.38.3.1 TLua.Context

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Context: TLuaContext;
```

Description

This is Context, a member of class TLua.

1.1.38.3.2 TLua.State

File: DelphiGamekit.pas (see page 426)

Delphi

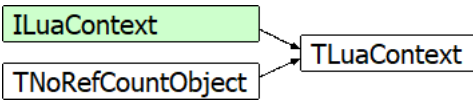
```
property State: Pointer;
```

Description

This is State, a member of class TLua.

1.1.39 TLuaContext

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TLuaContext = class(TNoRefCountObject, ILuaContext);
```




Description

This is class TLuaContext.

1.1.39.1 TLuaContext Fields

The fields of the TLuaContext class are listed here.

Fields

	FLua (see page 191)	This is FLua, a member of class TLuaContext.
	FPushCount (see page 191)	This is FPushCount, a member of class TLuaContext.
	FPushFlag (see page 192)	This is FPushFlag, a member of class TLuaContext.

1.1.39.1.1 TLuaContext.FLua

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLua: TLua;
```

Description

This is FLua, a member of class TLuaContext.

1.1.39.1.2 TLuaContext.FPushCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPushCount: Integer;
```

Description

This is FPushCount, a member of class TLuaContext.

1.1.39.1.3 TLuaContext.FPushFlag

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPushFlag: Boolean;
```




















Description

This is FPushFlag, a member of class TLuaContext.

1.1.39.2 TLuaContext Methods

The methods of the TLuaContext class are listed here.

Methods

	ArgCount (see page 192)	This is ArgCount, a member of class TLuaContext.
	Check (see page 193)	This is Check, a member of class TLuaContext.
	Cleanup (see page 193)	This is Cleanup, a member of class TLuaContext.
	ClearStack (see page 193)	This is ClearStack, a member of class TLuaContext.
	Create (see page 193)	This is Create, a member of class TLuaContext.
	Destroy (see page 193)	This is Destroy, a member of class TLuaContext.
	GetStackType (see page 193)	This is GetStackType, a member of class TLuaContext.
	GetTableFieldValue (see page 194)	This is GetTableFieldValue, a member of class TLuaContext.
	GetTableIndexValue (see page 194)	This is GetTableIndexValue, a member of class TLuaContext.
	GetValue (see page 194)	This is GetValue, a member of class TLuaContext.
	IncStackPushCount (see page 194)	This is IncStackPushCount, a member of class TLuaContext.
	PopStack (see page 195)	This is PopStack, a member of class TLuaContext.
	PushCount (see page 195)	This is PushCount, a member of class TLuaContext.
	PushTableForGet (see page 195)	This is PushTableForGet, a member of class TLuaContext.
	PushTableForSet (see page 195)	This is PushTableForSet, a member of class TLuaContext.
	PushValue (see page 195)	This is PushValue, a member of class TLuaContext.
	SetTableFieldValue (see page 196)	This is SetTableFieldValue, a member of class TLuaContext.
	SetTableIndexValue (see page 196)	This is SetTableIndexValue, a member of class TLuaContext.
	Setup (see page 196)	This is Setup, a member of class TLuaContext.

1.1.39.2.1 TLuaContext.ArgCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ArgCount: Integer;
```

Description

This is ArgCount, a member of class TLuaContext.

1.1.39.2.2 TLuaContext.Check

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Check;
```

Description

This is Check, a member of class TLuaContext.

1.1.39.2.3 TLuaContext.Cleanup

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Cleanup;
```

Description

This is Cleanup, a member of class TLuaContext.

1.1.39.2.4 TLuaContext.ClearStack

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClearStack;
```

Description

This is ClearStack, a member of class TLuaContext.

1.1.39.2.5 TLuaContext.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
    aLua: TLua  
);
```

Description

This is Create, a member of class TLuaContext.

1.1.39.2.6 TLuaContext.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TLuaContext.

1.1.39.2.7 TLuaContext.GetStackType

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetStackType(  
    aIndex: Integer  
): TLuaType;
```

Description

This is GetStackType, a member of class TLuaContext.

1.1.39.2.8 TLuaContext.GetTableFieldValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetTableFieldValue(  
    const aName: string;  
    aType: TLuaValueType;  
    aIndex: Integer  
): TLuaValue; overload;
```

Description

This is GetTableFieldValue, a member of class TLuaContext.

1.1.39.2.9 TLuaContext.GetTableIndexValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetTableIndexValue(  
    const aName: string;  
    aType: TLuaValueType;  
    aIndex: Integer;  
    aKey: Integer  
): TLuaValue;
```

Description

This is GetTableIndexValue, a member of class TLuaContext.

1.1.39.2.10 TLuaContext.GetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetValue(  
    aType: TLuaValueType;  
    aIndex: Integer  
): TLuaValue; overload;
```

Description

This is GetValue, a member of class TLuaContext.

1.1.39.2.11 TLuaContext.IncStackPushCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure IncStackPushCount;
```

Description

This is IncStackPushCount, a member of class TLuaContext.

1.1.39.2.12 TLuaContext.PopStack

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PopStack(  
    aCount: Integer  
);
```

Description

This is PopStack, a member of class TLuaContext.

1.1.39.2.13 TLuaContext.PushCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PushCount: Integer;
```

Description

This is PushCount, a member of class TLuaContext.

1.1.39.2.14 TLuaContext.PushTableForGet

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PushTableForGet(  
    aName: array of string;  
    aIndex: Integer;  
    var aStackIndex: Integer;  
    var aFieldNameIndex: Integer  
): Boolean;
```

Description

This is PushTableForGet, a member of class TLuaContext.

1.1.39.2.15 TLuaContext.PushTableForSet

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PushTableForSet(  
    aName: array of string;  
    aIndex: Integer;  
    var aStackIndex: Integer;  
    var aFieldNameIndex: Integer  
): Boolean;
```

Description

This is PushTableForSet, a member of class TLuaContext.

1.1.39.2.16 TLuaContext.PushValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PushValue(  
    value: TLuaValue;
```



```
    aValue: TLuaValue  
); overload;
```

Description

This is PushValue, a member of class TLuaContext.

1.1.39.2.17 TLuaContext.SetTableFieldValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetTableFieldValue(  
    const aName: string;  
    aValue: TLuaValue;  
    aIndex: Integer  
); overload;
```

Description

This is SetTableFieldValue, a member of class TLuaContext.

1.1.39.2.18 TLuaContext.SetTableIndexValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetTableIndexValue(  
    const aName: string;  
    aValue: TLuaValue;  
    aIndex: Integer;  
    aKey: Integer  
);
```

Description

This is SetTableIndexValue, a member of class TLuaContext.

1.1.39.2.19 TLuaContext.Setup

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Setup;
```

Description

This is Setup, a member of class TLuaContext.

1.1.40 TLuaValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
TLuaValue = record  
    AsType: TLuaValueType;  
    case Integer of  
        0: (AsInteger: Integer);  
        1: (AsNumber: Double);  
        2: (AsString: System.PChar);  
        3: (AsTable: TLuaTable);  
        4: (AsPointer: Pointer);
```

```
5: (AsBoolean: Boolean);
end;
```








Description

This is class TLuaValue.

1.1.40.1 TLuaValue Fields

The fields of the TLuaValue class are listed here.

Fields

	AsBoolean (see page 197)	This is AsBoolean, a member of class TLuaValue.
	AsInteger (see page 197)	This is AsInteger, a member of class TLuaValue.
	AsNumber (see page 197)	This is AsNumber, a member of class TLuaValue.
	AsPointer (see page 197)	This is AsPointer, a member of class TLuaValue.
	AsString (see page 198)	This is AsString, a member of class TLuaValue.
	AsTable (see page 198)	This is AsTable, a member of class TLuaValue.
	AsType (see page 198)	This is AsType, a member of class TLuaValue.

1.1.40.1.1 TLuaValue.AsBoolean

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsBoolean: Boolean;
```

Description

This is AsBoolean, a member of class TLuaValue.

1.1.40.1.2 TLuaValue.AsInteger

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsInteger: Integer;
```

Description

This is AsInteger, a member of class TLuaValue.

1.1.40.1.3 TLuaValue.AsNumber

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsNumber: Double;
```

Description

This is AsNumber, a member of class TLuaValue.

1.1.40.1.4 TLuaValue.AsPointer

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsPointer: Pointer;
```

Description

This is AsPointer, a member of class TLuaValue.

1.1.40.1.5 TLuaValue.AsString

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsString: System.PChar;
```

Description

This is AsString, a member of class TLuaValue.

1.1.40.1.6 TLuaValue.AsTable

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsTable: TLuaTable;
```

Description

This is AsTable, a member of class TLuaValue.

1.1.40.1.7 TLuaValue.AsType

File: DelphiGamekit.pas (see page 426)

Delphi

```
AsType: TLuaValueType;
```








Description

This is AsType, a member of class TLuaValue.

1.1.40.2 TLuaValue Operators

The operators of the TLuaValue class are listed here.

Operators

	Implicit (see page 198)	This is Implicit, a member of class TLuaValue.
	Implicit (see page 199)	This is Implicit, a member of class TLuaValue.
	Implicit (see page 199)	This is Implicit, a member of class TLuaValue.
	Implicit (see page 199)	This is Implicit, a member of class TLuaValue.
	Implicit (see page 199)	This is Implicit, a member of class TLuaValue.
	Implicit (see page 199)	This is Implicit, a member of class TLuaValue.
	Implicit (see page 200)	This is Implicit, a member of class TLuaValue.

1.1.40.2.1 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: Boolean  
);
```

Description

This is Implicit, a member of class TLuaValue.

1.1.40.2.2 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: Double  
);
```

Description

This is Implicit, a member of class TLuaValue.

1.1.40.2.3 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    const aValue: Integer  
);
```

Description

This is Implicit, a member of class TLuaValue.

1.1.40.2.4 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: Pointer  
);
```

Description

This is Implicit, a member of class TLuaValue.

1.1.40.2.5 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: System.PChar  
);
```

Description

This is Implicit, a member of class TLuaValue.

1.1.40.2.6 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  

```

```
    aValue: TLuaTable
);
```

Description
This is Implicit, a member of class TLuaValue.

1.1.40.2.7 TLuaValue.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(
    aValue: TLuaValue
);
```

Description
This is Implicit, a member of class TLuaValue.

1.1.41 TPoint

File: DelphiGamekit.pas (see page 426)

Delphi




```
TPoint = record
    X: Single;
    Y: Single;
    Z: Single;
end;
```

Description
This is class TPoint.

1.1.41.1 TPoint Fields

The fields of the TPoint class are listed here.

Fields

	X (see page 200)	This is X, a member of class TPoint.
	Y (see page 200)	This is Y, a member of class TPoint.
	Z (see page 201)	This is Z, a member of class TPoint.

1.1.41.1.1 TPoint.X

File: DelphiGamekit.pas (see page 426)

Delphi

```
x: Single;
```

Description
This is X, a member of class TPoint.

1.1.41.1.2 TPoint.Y

File: DelphiGamekit.pas (see page 426)

Delphi

`Y: Single;`

Description

This is Y, a member of class TPoint.

1.1.41.1.3 TPoint.Z

File: DelphiGamekit.pas (see page 426)

Delphi

`Z: Single;`

Description

This is Z, a member of class TPoint.

1.1.41.2 TPoint Methods

The methods of the TPoint class are listed here.

Methods

	Create (see page 201)	This is Create, a member of class TPoint.
---	------------------------	---

1.1.41.2.1 TPoint.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
  const aX: Single;  
  const aY: Single;  
  const aZ: Single  
);
```






Description

This is Create, a member of class TPoint.

1.1.41.3 TPoint Operators

The operators of the TPoint class are listed here.

Operators

	Implicit (see page 201)	This is Implicit, a member of class TPoint.
	Implicit (see page 202)	This is Implicit, a member of class TPoint.
	Implicit (see page 202)	This is Implicit, a member of class TPoint.
	Implicit (see page 202)	This is Implicit, a member of class TPoint.
	Initialize (see page 202)	This is Initialize, a member of class TPoint.

1.1.41.3.1 TPoint.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  

```

```
    aValue: SDL_FPoint  
);
```

Description

This is Implicit, a member of class TPoint.

1.1.41.3.2 TPoint.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: SDL_Point  
);
```

Description

This is Implicit, a member of class TPoint.

1.1.41.3.3 TPoint.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: TPoint  
);
```

Description

This is Implicit, a member of class TPoint.

1.1.41.3.4 TPoint.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: TVector  
);
```

Description

This is Implicit, a member of class TPoint.

1.1.41.3.5 TPoint.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

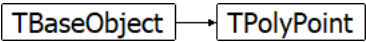
```
class operator Initialize(  
    out aDest: TPoint  
);
```

Description

This is Initialize, a member of class TPoint.

1.1.42 TPolyPoint

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TPolyPoint = class(TBaseObject);
```



Description

This is class TPolyPoint.

1.1.42.1 TPolyPoint Fields

The fields of the TPolyPoint class are listed here.

Fields

	FCount (see page 203)	This is FCount, a member of class TPolyPoint.
	FPolygon (see page 203)	This is FPolygon, a member of class TPolyPoint.

1.1.42.1.1 TPolyPoint.FCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCount: Integer;
```

Description

This is FCount, a member of class TPolyPoint.

1.1.42.1.2 TPolyPoint.FPolygon

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPolygon: array of TPolygon;
```





Description

This is FPolygon, a member of class TPolyPoint.

1.1.42.2 TPolyPoint Methods

The methods of the TPolyPoint class are listed here.

Methods

	AddPoint (see page 204)	This is AddPoint, a member of class TPolyPoint.
	Clear (see page 204)	This is Clear, a member of class TPolyPoint.
	Collide (see page 204)	This is Collide, a member of class TPolyPoint.
	CollidePoint (see page 205)	This is CollidePoint, a member of class TPolyPoint.

✦	CopyFrom (see page 205)	This is CopyFrom, a member of class TPolyPoint.
✦	Count (see page 205)	This is Count, a member of class TPolyPoint.
✦ V	Create (see page 205)	This is Create, a member of class TPolyPoint.
✦ V	Destroy (see page 206)	This is Destroy, a member of class TPolyPoint.
✦	Load (see page 206)	This is Load, a member of class TPolyPoint.
✦	Polygon (see page 206)	This is Polygon, a member of class TPolyPoint.
✦	Render (see page 206)	This is Render, a member of class TPolyPoint.
✦	Save (see page 206)	This is Save, a member of class TPolyPoint.
✦	TraceFromSprite (see page 207)	This is TraceFromSprite, a member of class TPolyPoint.
✦	TraceFromTexture (see page 207)	This is TraceFromTexture, a member of class TPolyPoint.
✦	Valid (see page 207)	This is Valid, a member of class TPolyPoint.

1.1.42.2.1 TPolyPoint.AddPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```

procedure AddPoint(
  const aNum: Integer;
  const aX: Single;
  const aY: Single;
  const aOrigin: PPoint
);

```

Description

This is AddPoint, a member of class TPolyPoint.

1.1.42.2.2 TPolyPoint.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```

procedure Clear;

```

Description

This is Clear, a member of class TPolyPoint.

1.1.42.2.3 TPolyPoint.Collide

File: DelphiGamekit.pas (see page 426)

Delphi

```

function Collide(
  const aNum1: Integer;
  const aGroup1: Integer;
  const aX1: Single;
  const aY1: Single;
  const aScale1: Single;
  const aAngle1: Single;
  const aFlipMode1: TFlipMode;
  const aOrigin1: PPoint;
  const aPolyPoint2: TPolyPoint;
  const aNum2: Integer;
  const aGroup2: Integer;
  const aX2: Single;
  const aY2: Single;
  const aScale2: Single;
  const aAngle2: Single;
  const aFlipMode2: TFlipMode;

```

```
    const aOrigin2: PPoint;  
    var aHitPos: TPoint  
): Boolean;
```

Description

This is Collide, a member of class TPolyPoint.

1.1.42.2.4 TPolyPoint.CollidePoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CollidePoint(  
    const aNum: Integer;  
    const aGroup: Integer;  
    const aX: Single;  
    const aY: Single;  
    const aScale: Single;  
    const aAngle: Single;  
    const aFlipMode: TFlipMode;  
    const aOrigin: PPoint;  
    var aPoint: TPoint  
): Boolean;
```

Description

This is CollidePoint, a member of class TPolyPoint.

1.1.42.2.5 TPolyPoint.CopyFrom

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CopyFrom(  
    const aPolyPoint: TPolyPoint  
);
```

Description

This is CopyFrom, a member of class TPolyPoint.

1.1.42.2.6 TPolyPoint.Count

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Count: Integer;
```

Description

This is Count, a member of class TPolyPoint.

1.1.42.2.7 TPolyPoint.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TPolyPoint.

1.1.42.2.8 TPolyPoint.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TPolyPoint.

1.1.42.2.9 TPolyPoint.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Load(  
  const aArchive: TArchive;  
  const aFilename: string  
);
```

Description

This is Load, a member of class TPolyPoint.

1.1.42.2.10 TPolyPoint.Polygon

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Polygon(  
  const aNum: Integer  
): TPolygon;
```

Description

This is Polygon, a member of class TPolyPoint.

1.1.42.2.11 TPolyPoint.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
  const aNum: Integer;  
  aX: Single;  
  aY: Single;  
  aScale: Single;  
  aAngle: Single;  
  const aColor: TColor;  
  const aFlipMode: TFlipMode;  
  const aOrigin: PPoint;  
  const aBlendMode: TBlendMode  
);
```

Description

This is Render, a member of class TPolyPoint.

1.1.42.2.12 TPolyPoint.Save

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Save(  
    const aFilename: string  
);
```

Description

This is Save, a member of class TPolyPoint.

1.1.42.2.13 TPolyPoint.TraceFromSprite

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure TraceFromSprite(  
    const aSprite: TSprite;  
    const aGroup: Integer;  
    const aMju: Single;  
    const aMaxStepBack: Integer;  
    const aAlphaThreshold: Integer;  
    const aOrigin: PPoint  
);
```

Description

This is TraceFromSprite, a member of class TPolyPoint.

1.1.42.2.14 TPolyPoint.TraceFromTexture

File: DelphiGamekit.pas (see page 426)

Delphi

```
function TraceFromTexture(  
    const aTexture: TTexture;  
    const aMju: Single;  
    const aMaxStepBack: Integer;  
    const aAlphaThreshold: Integer;  
    const aOrigin: PPoint  
): Integer;
```

Description

This is TraceFromTexture, a member of class TPolyPoint.

1.1.42.2.15 TPolyPoint.Valid

File: DelphiGamekit.pas (see page 426)

Delphi

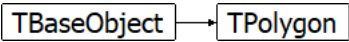
```
function Valid(  
    const aNum: Integer  
): Boolean;
```

Description

This is Valid, a member of class TPolyPoint.

1.1.43 TPolygon

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TPolygon = class(TBaseObject);
```

Description

This is class TPolygon.

1.1.43.1 TPolygon Records

The records of the TPolygon class are listed here.

Records

	TSegment (see page 208)	This is record TPolygon.TSegment.
---	--------------------------	-----------------------------------

1.1.43.1.1 TPolygon.TSegment

File: DelphiGamekit.pas (see page 426)

Delphi

```
TSegment = record
  Point: TPoint;
  Visible: Boolean;
end;
```




Description

This is record TPolygon.TSegment.

1.1.43.2 TPolygon Fields

The fields of the TPolygon class are listed here.

Fields

	FItemCount (see page 208)	This is FItemCount, a member of class TPolygon.
	FSegment (see page 209)	This is FSegment, a member of class TPolygon.
	FWorldPoint (see page 209)	This is FWorldPoint, a member of class TPolygon.

1.1.43.2.1 TPolygon.FItemCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FItemCount: Integer;
```

Description

This is FItemCount, a member of class TPolygon.

1.1.43.2.2 TPolygon.FSegment

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSegment: array of TSegment;
```

Description

This is FSegment, a member of class TPolygon.

1.1.43.2.3 TPolygon.FWorldPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
FWorldPoint: array of TPoint;
```















Description

This is FWorldPoint, a member of class TPolygon.

1.1.43.3 TPolygon Methods

The methods of the TPolygon class are listed here.

Methods

	AddLocalPoint (see page 209)	This is AddLocalPoint, a member of class TPolygon.
	Clear (see page 210)	This is Clear, a member of class TPolygon.
	CopyFrom (see page 210)	This is CopyFrom, a member of class TPolygon.
	Create (see page 210)	This is Create, a member of class TPolygon.
	Destroy (see page 210)	This is Destroy, a member of class TPolygon.
	Load (see page 210)	This is Load, a member of class TPolygon.
	LocalPoint (see page 211)	This is LocalPoint, a member of class TPolygon.
	PointCount (see page 211)	This is PointCount, a member of class TPolygon.
	Render (see page 211)	This is Render, a member of class TPolygon.
	Save (see page 211)	This is Save, a member of class TPolygon.
	SegmentVisible (see page 211)	This is SegmentVisible, a member of class TPolygon.
	SetSegmentVisible (see page 212)	This is SetSegmentVisible, a member of class TPolygon.
	Transform (see page 212)	This is Transform, a member of class TPolygon.
	WorldPoint (see page 212)	This is WorldPoint, a member of class TPolygon.

1.1.43.3.1 TPolygon.AddLocalPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure AddLocalPoint(
  const aX: Single;
  const aY: Single;
  const aVisible: Boolean
);
```

Description

This is AddLocalPoint, a member of class TPolygon.

1.1.43.3.2 TPolygon.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TPolygon.

1.1.43.3.3 TPolygon.CopyFrom

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure CopyFrom(  
    const aPolygon: TPolygon  
);
```

Description

This is CopyFrom, a member of class TPolygon.

1.1.43.3.4 TPolygon.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TPolygon.

1.1.43.3.5 TPolygon.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TPolygon.

1.1.43.3.6 TPolygon.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Load(  
    const aArchive: TArchive;  
    const aFilename: string  
);
```

Description

This is Load, a member of class TPolygon.

1.1.43.3.7 TPolygon.LocalPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LocalPoint(  
    const aIndex: Integer  
): PPoint;
```

Description

This is LocalPoint, a member of class TPolygon.

1.1.43.3.8 TPolygon.PointCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PointCount: Integer;
```

Description

This is PointCount, a member of class TPolygon.

1.1.43.3.9 TPolygon.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
    const aX: Single;  
    const aY: Single;  
    const aScale: Single;  
    const aAngle: Single;  
    const aWidth: Single;  
    aColor: TColor;  
    aFlipMode: TFlipMode;  
    aOrigin: PPoint;  
    const aBlendMode: TBlendMode  
);
```

Description

This is Render, a member of class TPolygon.

1.1.43.3.10 TPolygon.Save

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Save(  
    const aFilename: string  
);
```

Description

This is Save, a member of class TPolygon.

1.1.43.3.11 TPolygon.SegmentVisible

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SegmentVisible(  
    const aIndex: Integer  
): Boolean;
```

Description

This is SegmentVisible, a member of class TPolygon.

1.1.43.3.12 TPolygon.SetSegmentVisible

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetSegmentVisible(  
    const aIndex: Integer;  
    const aVisible: Boolean  
);
```

Description

This is SetSegmentVisible, a member of class TPolygon.

1.1.43.3.13 TPolygon.Transform

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Transform(  
    const aX: Single;  
    const aY: Single;  
    const aScale: Single;  
    const aAngle: Single;  
    const aFlipMode: TFlipMode;  
    const aOrigin: PPoint  
): Boolean;
```

Description

This is Transform, a member of class TPolygon.

1.1.43.3.14 TPolygon.WorldPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function WorldPoint(  
    const aIndex: Integer  
): PPoint;
```

Description

This is WorldPoint, a member of class TPolygon.

1.1.44 TPolypointTrace

File: DelphiGamekit.pas (see page 426)

Delphi

```
TPolypointTrace = record  
end;
```









Description

This is class TPolypointTrace.

1.1.44.1 TPolypointTrace Methods

The methods of the TPolypointTrace class are listed here.

Methods

	AddPoint (see page 213)	This is AddPoint, a member of class TPolypointTrace.
	ApplyPolyPoint (see page 213)	This is ApplyPolyPoint, a member of class TPolypointTrace.
	DelPoint (see page 213)	This is DelPoint, a member of class TPolypointTrace.
	Done (see page 214)	This is Done, a member of class TPolypointTrace.
	GetPointCount (see page 214)	This is GetPointCount, a member of class TPolypointTrace.
	Init (see page 214)	This is Init, a member of class TPolypointTrace.
	PrimaryTrace (see page 214)	This is PrimaryTrace, a member of class TPolypointTrace.
	SimplifyPoly (see page 214)	This is SimplifyPoly, a member of class TPolypointTrace.

1.1.44.1.1 TPolypointTrace.AddPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure AddPoint(
  X: Integer;
  Y: Integer
); static;
```

Description

This is AddPoint, a member of class TPolypointTrace.

1.1.44.1.2 TPolypointTrace.ApplyPolyPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ApplyPolyPoint(
  aPolyPoint: TPolypoint;
  aNum: Integer;
  aOrigin: PPoint
); static;
```

Description

This is ApplyPolyPoint, a member of class TPolypointTrace.

1.1.44.1.3 TPolypointTrace.DelPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure DelPoint(
  Index: Integer
); static;
```

Description

This is DelPoint, a member of class TPolypointTrace.

1.1.44.1.4 TPolypointTrace.Done

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Done; static;
```

Description

This is Done, a member of class TPolypointTrace.

1.1.44.1.5 TPolypointTrace.GetPointCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetPointCount: Integer; static;
```

Description

This is GetPointCount, a member of class TPolypointTrace.

1.1.44.1.6 TPolypointTrace.Init

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Init(  
    aMju: Extended = 6;  
    aMaxStepBack: Integer = 10;  
    aAlphaThreshold: Byte = 70  
); static;
```

Description

This is Init, a member of class TPolypointTrace.

1.1.44.1.7 TPolypointTrace.PrimaryTrace

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure PrimaryTrace(  
    const Tex: TTexture;  
    const W: Integer;  
    const H: Integer  
); static;
```

Description

This is PrimaryTrace, a member of class TPolypointTrace.

1.1.44.1.8 TPolypointTrace.SimplifyPoly

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SimplifyPoly; static;
```

Description

This is SimplifyPoly, a member of class TPolypointTrace.

1.1.45 TPrefs

File: DelphiGamekit.pas (see page 426)

Delphi

```
TPrefs = record
end;
```







Description

This is class TPrefs.

1.1.45.1 TPrefs Methods

The methods of the TPrefs class are listed here.

Methods

	GetAppName (see page 215)	This is GetAppName, a member of class TPrefs.
	GetOrgName (see page 215)	This is GetOrgName, a member of class TPrefs.
	GetPath (see page 215)	This is GetPath, a member of class TPrefs.
	GotoPath (see page 216)	This is GotoPath, a member of class TPrefs.
	SetAppName (see page 216)	This is SetAppName, a member of class TPrefs.
	SetOrgName (see page 216)	This is SetOrgName, a member of class TPrefs.

1.1.45.1.1 TPrefs.GetAppName

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetAppName: string; static;
```

Description

This is GetAppName, a member of class TPrefs.

1.1.45.1.2 TPrefs.GetOrgName

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetOrgName: string; static;
```

Description

This is GetOrgName, a member of class TPrefs.

1.1.45.1.3 TPrefs.GetPath

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetPath: string; static;
```

Description

This is GetPath, a member of class TPrefs.

1.1.45.1.4 TPrefs.GotoPath

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure GotoPath; static;
```

Description

This is GotoPath, a member of class TPrefs.

1.1.45.1.5 TPrefs.SetAppName

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetAppName(  
    const aAppName: string  
); static;
```

Description

This is SetAppName, a member of class TPrefs.

1.1.45.1.6 TPrefs.SetOrgName

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetOrgName(  
    const aOrgName: string  
); static;
```



Description

This is SetOrgName, a member of class TPrefs.

1.1.45.2 TPrefs Operators

The operators of the TPrefs class are listed here.

Operators

	Finalize (see page 216)	This is Finalize, a member of class TPrefs.
	Initialize (see page 217)	This is Initialize, a member of class TPrefs.

1.1.45.2.1 TPrefs.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TPrefs  
);
```

Description

This is Finalize, a member of class TPrefs.

1.1.45.2.2 TPrefs.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TPrefs  
);
```

Description

This is Initialize, a member of class TPrefs.

1.1.46 TRange

File: DelphiGamekit.pas (see page 426)

Delphi

```
TRange = record  
    MaxX: Single;  
    MaxY: Single;  
    MinX: Single;  
    MinY: Single;  
end;
```





Description

This is class TRange.

1.1.46.1 TRange Fields

The fields of the TRange class are listed here.

Fields

	MaxX (see page 217)	This is MaxX, a member of class TRange.
	MaxY (see page 217)	This is MaxY, a member of class TRange.
	MinX (see page 218)	This is MinX, a member of class TRange.
	MinY (see page 218)	This is MinY, a member of class TRange.

1.1.46.1.1 TRange.MaxX

File: DelphiGamekit.pas (see page 426)

Delphi

```
MaxX: Single;
```

Description

This is MaxX, a member of class TRange.

1.1.46.1.2 TRange.MaxY

File: DelphiGamekit.pas (see page 426)

Delphi

```
MaxY: Single;
```

Description

This is MaxY, a member of class TRange.

1.1.46.1.3 TRange.MinX

File: DelphiGamekit.pas (see page 426)

Delphi

```
MinX: Single;
```

Description

This is MinX, a member of class TRange.

1.1.46.1.4 TRange.MinY

File: DelphiGamekit.pas (see page 426)

Delphi

```
MinY: Single;
```

Description

This is MinY, a member of class TRange.

1.1.46.2 TRange Operators

The operators of the TRange class are listed here.

Operators

Initialize (see page 218)

This is Initialize, a member of class TRange.

1.1.46.2.1 TRange.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TRange  
);
```

Description

This is Initialize, a member of class TRange.

1.1.47 TRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
TRect = record  
    Height: Single;  
    Width: Single;  
    X: Single;  
    Y: Single;  
end;
```





Description

This is class TRect.

1.1.47.1 TRect Fields

The fields of the TRect class are listed here.

Fields

	Height (see page 219)	This is Height, a member of class TRect.
	Width (see page 219)	This is Width, a member of class TRect.
	X (see page 219)	This is X, a member of class TRect.
	Y (see page 219)	This is Y, a member of class TRect.

1.1.47.1.1 TRect.Height

File: DelphiGamekit.pas (see page 426)

Delphi

`Height: Single;`

Description

This is Height, a member of class TRect.

1.1.47.1.2 TRect.Width

File: DelphiGamekit.pas (see page 426)

Delphi

`width: Single;`

Description

This is Width, a member of class TRect.

1.1.47.1.3 TRect.X

File: DelphiGamekit.pas (see page 426)

Delphi

`x: Single;`

Description

This is X, a member of class TRect.

1.1.47.1.4 TRect.Y

File: DelphiGamekit.pas (see page 426)

Delphi

`y: Single;`




Description

This is Y, a member of class TRect.

1.1.47.2 TRect Methods

The methods of the TRect class are listed here.

Methods

	Assign (see page 220)	This is Assign, a member of class TRect.
	Create (see page 220)	This is Create, a member of class TRect.
	Intersect (see page 220)	This is Intersect, a member of class TRect.

1.1.47.2.1 TRect.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(  
  aX: Single;  
  aY: Single;  
  aWidth: Single;  
  aHeight: Single  
);
```

Description

This is Assign, a member of class TRect.

1.1.47.2.2 TRect.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
  const aX: Single;  
  const aY: Single;  
  const aWidth: Single;  
  const aHeight: Single  
);
```

Description

This is Create, a member of class TRect.

1.1.47.2.3 TRect.Intersect

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Intersect(  
  aRect: TRect  
): Boolean;
```





Description

This is Intersect, a member of class TRect.

1.1.47.3 TRect Operators

The operators of the TRect class are listed here.

Operators

	Implicit (see page 221)	This is Implicit, a member of class TRect.
	Implicit (see page 221)	This is Implicit, a member of class TRect.
	Implicit (see page 221)	This is Implicit, a member of class TRect.
	Initialize (see page 221)	This is Initialize, a member of class TRect.

1.1.47.3.1 TRect.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: SDL_FRect  
);
```

Description

This is Implicit, a member of class TRect.

1.1.47.3.2 TRect.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: SDL_Rect  
);
```

Description

This is Implicit, a member of class TRect.

1.1.47.3.3 TRect.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: TRect  
);
```

Description

This is Implicit, a member of class TRect.

1.1.47.3.4 TRect.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TRect  
);
```

Description

This is Initialize, a member of class TRect.

1.1.48 TScreenshake

File: DelphiGamekit.pas (see page 426)

Delphi

```
TScreenshake = record
end;
```





Description

This is class TScreenshake.

1.1.48.1 TScreenshake Methods

The methods of the TScreenshake class are listed here.

Methods

	Active (see page 222)	This is Active, a member of class TScreenshake.
	Clear (see page 222)	This is Clear, a member of class TScreenshake.
	Process (see page 222)	This is Process, a member of class TScreenshake.
	Start (see page 223)	This is Start, a member of class TScreenshake.

1.1.48.1.1 TScreenshake.Active

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Active: Boolean; static;
```

Description

This is Active, a member of class TScreenshake.

1.1.48.1.2 TScreenshake.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Clear; static;
```

Description

This is Clear, a member of class TScreenshake.

1.1.48.1.3 TScreenshake.Process

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Process(
    aSpeed: Single;
    aDeltaTime: Double
); static;
```

Description

This is Process, a member of class TScreenshake.

1.1.48.1.4 TScreenshake.Start

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Start(  
    aDuration: Single;  
    aMagnitude: Single  
); static;
```



Description

This is Start, a member of class TScreenshake.

1.1.48.2 TScreenshake Operators

The operators of the TScreenshake class are listed here.

Operators

	Finalize (see page 223)	This is Finalize, a member of class TScreenshake.
	Initialize (see page 223)	This is Initialize, a member of class TScreenshake.

1.1.48.2.1 TScreenshake.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TScreenshake  
);
```

Description

This is Finalize, a member of class TScreenshake.

1.1.48.2.2 TScreenshake.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

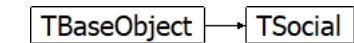
```
class operator Initialize(  
    out aDest: TScreenshake  
);
```

Description

This is Initialize, a member of class TScreenshake.

1.1.49 TSocial

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TSocial = class(TBaseObject);
```


Description

This is class TSocial.

1.1.49.1 TSocial Enumerations

The enumerations of the TSocial class are listed here.

Enumerations

	TPostType (see page 224)	This is record TSocial.TPostType.
---	---------------------------	-----------------------------------

1.1.49.1.1 TSocial.TPostType

File: DelphiGamekit.pas (see page 426)

Delphi

```
TPostType = (  
    ptAccount  
);
```






Description

This is record TSocial.TPostType.

1.1.49.2 TSocial Fields

The fields of the TSocial class are listed here.

Fields

	FApiKey (see page 224)	This is FApiKey, a member of class TSocial.
	FBusy (see page 224)	This is FBusy, a member of class TSocial.
	FError (see page 225)	This is FError, a member of class TSocial.
	FMediaFilename (see page 225)	This is FMediaFilename, a member of class TSocial.
	FSuccess (see page 225)	This is FSuccess, a member of class TSocial.

1.1.49.2.1 TSocial.FApiKey

File: DelphiGamekit.pas (see page 426)

Delphi

```
FApiKey: string;
```

Description

This is FApiKey, a member of class TSocial.

1.1.49.2.2 TSocial.FBusy

File: DelphiGamekit.pas (see page 426)

Delphi

```
FBusy: Boolean;
```

Description

This is FBusy, a member of class TSocial.

1.1.49.2.3 TSocial.FError

File: DelphiGamekit.pas (see page 426)

Delphi

```
FError: string;
```

Description

This is FError, a member of class TSocial.

1.1.49.2.4 TSocial.FMediaFilename

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMediaFilename: string;
```

Description

This is FMediaFilename, a member of class TSocial.

1.1.49.2.5 TSocial.FSuccess

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSuccess: Boolean;
```








Description

This is FSuccess, a member of class TSocial.

1.1.49.3 TSocial Methods

The methods of the TSocial class are listed here.

Methods

	Busy (see page 225)	This is Busy, a member of class TSocial.
	Create (see page 226)	This is Create, a member of class TSocial.
	Destroy (see page 226)	This is Destroy, a member of class TSocial.
	DoPost (see page 226)	This is DoPost, a member of class TSocial.
	PostToAccount (see page 226)	This is PostToAccount, a member of class TSocial.
	SaveAccounts (see page 226)	This is SaveAccounts, a member of class TSocial.
	Setup (see page 227)	This is Setup, a member of class TSocial.

1.1.49.3.1 TSocial.Busy

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Busy: Boolean;
```

Description

This is Busy, a member of class TSocial.

1.1.49.3.2 TSocial.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TSocial.

1.1.49.3.3 TSocial.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TSocial.

1.1.49.3.4 TSocial.DoPost

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure DoPost(  
    aType: TPostType;  
    aId: string;  
    const aMsg: string;  
    const aMediaFilename: string = ''  
);
```

Description

This is DoPost, a member of class TSocial.

1.1.49.3.5 TSocial.PostToAccount

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PostToAccount(  
    const aAccountId: string;  
    const aMsg: string;  
    const aMediaFilename: string = ''  
);
```

Description

This is PostToAccount, a member of class TSocial.

1.1.49.3.6 TSocial.SaveAccounts

File: DelphiGamekit.pas (see page 426)

Delphi

```

procedure SaveAccounts(
    const aFilename: string
);

```

Description

This is SaveAccounts, a member of class TSocial.

1.1.49.3.7 TSocial.Setup

File: DelphiGamekit.pas (see page 426)

Delphi

```

procedure Setup(
    const aApiKey: string
);

```

Description

This is Setup, a member of class TSocial.

1.1.50 TSpeech

File: DelphiGamekit.pas (see page 426)

Delphi

```

TSpeech = record
end;

```

Description

This is class TSpeech.

1.1.50.1 TSpeech Methods

The methods of the TSpeech class are listed here.

Methods

≡	Active (see page 228)	This is Active, a member of class TSpeech.
≡	ChangeVoice (see page 228)	This is ChangeVoice, a member of class TSpeech.
≡	Clear (see page 228)	This is Clear, a member of class TSpeech.
≡	GetRate (see page 228)	This is GetRate, a member of class TSpeech.
≡	GetVoice (see page 228)	This is GetVoice, a member of class TSpeech.
≡	GetVoiceAttribute (see page 228)	This is GetVoiceAttribute, a member of class TSpeech.
≡	GetVoiceCount (see page 229)	This is GetVoiceCount, a member of class TSpeech.
≡	GetVolume (see page 229)	This is GetVolume, a member of class TSpeech.
≡	Pause (see page 229)	This is Pause, a member of class TSpeech.
≡	Reset (see page 229)	This is Reset, a member of class TSpeech.
≡	Resume (see page 229)	This is Resume, a member of class TSpeech.
≡	Say (see page 230)	This is Say, a member of class TSpeech.
≡	SetRate (see page 230)	This is SetRate, a member of class TSpeech.
≡	SetVolume (see page 230)	This is SetVolume, a member of class TSpeech.
≡	SubstituteWord (see page 230)	This is SubstituteWord, a member of class TSpeech.

1.1.50.1.1 TSpeech.Active

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Active: Boolean; static;
```

Description

This is Active, a member of class TSpeech.

1.1.50.1.2 TSpeech.ChangeVoice

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ChangeVoice(  
    const aIndex: Integer  
); static;
```

Description

This is ChangeVoice, a member of class TSpeech.

1.1.50.1.3 TSpeech.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Clear; static;
```

Description

This is Clear, a member of class TSpeech.

1.1.50.1.4 TSpeech.GetRate

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRate: Single; static;
```

Description

This is GetRate, a member of class TSpeech.

1.1.50.1.5 TSpeech.GetVoice

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetVoice: Integer; static;
```

Description

This is GetVoice, a member of class TSpeech.

1.1.50.1.6 TSpeech.GetVoiceAttribute

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetVoiceAttribute(  
    const aIndex: Integer;  
    const aAttribute: TSpeechVoiceAttribute  
): string; static;
```

Description

This is GetVoiceAttribute, a member of class TSpeech.

1.1.50.1.7 TSpeech.GetVoiceCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetVoiceCount: Integer; static;
```

Description

This is GetVoiceCount, a member of class TSpeech.

1.1.50.1.8 TSpeech.GetVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetVolume: Single; static;
```

Description

This is GetVolume, a member of class TSpeech.

1.1.50.1.9 TSpeech.Pause

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Pause; static;
```

Description

This is Pause, a member of class TSpeech.

1.1.50.1.10 TSpeech.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Reset; static;
```

Description

This is Reset, a member of class TSpeech.

1.1.50.1.11 TSpeech.Resume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Resume; static;
```

Description

This is Resume, a member of class TSpeech.

1.1.50.1.12 TSpeech.Say

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Say(  
    const aText: string;  
    const aPurge: Boolean  
); static;
```

Description

This is Say, a member of class TSpeech.

1.1.50.1.13 TSpeech.SetRate

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetRate(  
    const aRate: Single  
); static;
```

Description

This is SetRate, a member of class TSpeech.

1.1.50.1.14 TSpeech.SetVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetVolume(  
    const aVolume: Single  
); static;
```

Description

This is SetVolume, a member of class TSpeech.

1.1.50.1.15 TSpeech.SubstituteWord

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SubstituteWord(  
    const aWord: string;  
    const aSubstituteWord: string  
); static;
```



Description

This is SubstituteWord, a member of class TSpeech.

1.1.50.2 TSpeech Operators

The operators of the TSpeech class are listed here.

Operators

	Finalize (see page 231)	This is Finalize, a member of class TSpeech.
	Initialize (see page 231)	This is Initialize, a member of class TSpeech.

1.1.50.2.1 TSpeech.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TSpeech  
);
```

Description

This is Finalize, a member of class TSpeech.

1.1.50.2.2 TSpeech.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

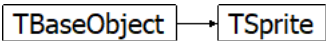
```
class operator Initialize(  
    out aDest: TSpeech  
);
```

Description

This is Initialize, a member of class TSpeech.

1.1.51 TSprite

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TSprite = class(TBaseObject);
```



Description

This is class TSprite.

1.1.51.1 TSprite Records

The records of the TSprite class are listed here.

Records

	TSpriteGroup (see page 231)	This is record TSprite.TSpriteGroup.
	TSpriteImageRect (see page 232)	This is record TSprite.TSpriteImageRect.

1.1.51.1.1 TSprite.TSpriteGroup

File: DelphiGamekit.pas (see page 426)

Delphi

```
TSpriteGroup = record
  Image: array of TSpriteImageRect;
  Count: Integer;
  PolyPoint: TPolyPoint;
end;
```

Description

This is record TSprite.TSpriteGroup.

1.1.51.1.2 TSprite.TSpriteImageRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
TSpriteImageRect = record
  Rect: TRect;
  Page: Integer;
end;
```





Description

This is record TSprite.TSpriteImageRect.

1.1.51.2 TSprite Fields

The fields of the TSprite class are listed here.

Fields

	FGroup (see page 232)	This is FGroup, a member of class TSprite.
	FGroupCount (see page 232)	This is FGroupCount, a member of class TSprite.
	FPageCount (see page 233)	This is FPageCount, a member of class TSprite.
	FTexture (see page 233)	This is FTexture, a member of class TSprite.

1.1.51.2.1 TSprite.FGroup

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGroup: array of TSpriteGroup;
```

Description

This is FGroup, a member of class TSprite.

1.1.51.2.2 TSprite.FGroupCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FGroupCount: Integer;
```

Description

This is FGroupCount, a member of class TSprite.

1.1.51.2.3 TSprite.FPageCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPageCount: Integer;
```

Description

This is FPageCount, a member of class TSprite.

1.1.51.2.4 TSprite.FTexture

File: DelphiGamekit.pas (see page 426)

Delphi

```
FTexture: array of TTexture;
```

Description

This is FTexture, a member of class TSprite.

1.1.51.3 TSprite Methods

The methods of the TSprite class are listed here.

Methods

≡◆	AddGroup (see page 233)	This is AddGroup, a member of class TSprite.
≡◆	AddImageFromGrid (see page 234)	This is AddImageFromGrid, a member of class TSprite.
≡◆	AddImageFromRect (see page 234)	This is AddImageFromRect, a member of class TSprite.
≡◆	Clear (see page 234)	This is Clear, a member of class TSprite.
≡◆V	Create (see page 234)	This is Create, a member of class TSprite.
≡◆V	Destroy (see page 234)	This is Destroy, a member of class TSprite.
≡◆	GroupPolyPoint (see page 235)	This is GroupPolyPoint, a member of class TSprite.
≡◆	GroupPolyPointCollide (see page 235)	This is GroupPolyPointCollide, a member of class TSprite.
≡◆	GroupPolyPointCollidePoint (see page 235)	This is GroupPolyPointCollidePoint, a member of class TSprite.
≡◆	GroupPolyPointTrace (see page 236)	This is GroupPolyPointTrace, a member of class TSprite.
≡◆	ImageCount (see page 236)	This is ImageCount, a member of class TSprite.
≡◆	ImageHeight (see page 236)	This is ImageHeight, a member of class TSprite.
≡◆	ImageRect (see page 236)	This is ImageRect, a member of class TSprite.
≡◆	ImageTexture (see page 237)	This is ImageTexture, a member of class TSprite.
≡◆	ImageWidth (see page 237)	This is ImageWidth, a member of class TSprite.
≡◆	LoadPage (see page 237)	This is LoadPage, a member of class TSprite.
≡◆	RenderImage (see page 237)	This is RenderImage, a member of class TSprite.

1.1.51.3.1 TSprite.AddGroup

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AddGroup: Integer;
```

Description

This is AddGroup, a member of class TSprite.

1.1.51.3.2 TSprite.AddImageFromGrid

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AddImageFromGrid(  
    const aPage: Integer;  
    const aGroup: Integer;  
    const aGridX: Integer;  
    const aGridY: Integer;  
    const aGridWidth: Integer;  
    aGridHeight: Integer  
): Integer;
```

Description

This is AddImageFromGrid, a member of class TSprite.

1.1.51.3.3 TSprite.AddImageFromRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AddImageFromRect(  
    const aPage: Integer;  
    const aGroup: Integer;  
    const aRect: TRect  
): Integer;
```

Description

This is AddImageFromRect, a member of class TSprite.

1.1.51.3.4 TSprite.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TSprite.

1.1.51.3.5 TSprite.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TSprite.

1.1.51.3.6 TSprite.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TSprite.

1.1.51.3.7 TSprite.GroupPolyPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GroupPolyPoint(  
    const aGroup: Integer  
): Pointer;
```

Description

This is GroupPolyPoint, a member of class TSprite.

1.1.51.3.8 TSprite.GroupPolyPointCollide

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GroupPolyPointCollide(  
    const aNum1: Integer;  
    const aGroup1: Integer;  
    const aX1: Single;  
    const aY1: Single;  
    const aScale1: Single;  
    const aAngle1: Single;  
    const aFlipMode1: TFlipMode;  
    const aOrigin1: PPoint;  
    const aSprite2: TSprite;  
    const aNum2: Integer;  
    const aGroup2: Integer;  
    const aX2: Single;  
    const aY2: Single;  
    const aScale2: Single;  
    const aAngle2: Single;  
    const aFlipMode2: TFlipMode;  
    const aOrigin2: PPoint;  
    const aShrinkFactor: Single;  
    var aHitPos: TPoint  
): Boolean;
```

Description

This is GroupPolyPointCollide, a member of class TSprite.

1.1.51.3.9 TSprite.GroupPolyPointCollidePoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GroupPolyPointCollidePoint(  
    const aNum: Integer;  
    const aGroup: Integer;  
    const aX: Single;  
    const aY: Single;  
    const aScale: Single;  
    const aAngle: Single;  
    const aFlipMode: TFlipMode;  
    const aOrigin: PPoint;
```



```
    const aShrinkFactor: Single;  
    var aPoint: TPoint  
): Boolean;
```

Description

This is GroupPolyPointCollidePoint, a member of class TSprite.

1.1.51.3.10 TSprite.GroupPolyPointTrace

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure GroupPolyPointTrace(  
    const aGroup: Integer;  
    const aMju: Single = 6;  
    const aMaxStepBack: Integer = 12;  
    const aAlphaThreshold: Integer = 70;  
    const aOrigin: PPoint = nil  
);
```

Description

This is GroupPolyPointTrace, a member of class TSprite.

1.1.51.3.11 TSprite.ImageCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ImageCount(  
    const aGroup: Integer  
): Integer;
```

Description

This is ImageCount, a member of class TSprite.

1.1.51.3.12 TSprite.ImageHeight

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ImageHeight(  
    const aNum: Integer;  
    const aGroup: Integer  
): Single;
```

Description

This is ImageHeight, a member of class TSprite.

1.1.51.3.13 TSprite.ImageRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ImageRect(  
    const aNum: Integer;  
    const aGroup: Integer  
): TRect;
```

Description

This is ImageRect, a member of class TSprite.

1.1.51.3.14 TSprite.ImageTexture

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ImageTexture(  
    const aNum: Integer;  
    const aGroup: Integer  
): TTexture;
```

Description

This is ImageTexture, a member of class TSprite.

1.1.51.3.15 TSprite.ImageWidth

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ImageWidth(  
    const aNum: Integer;  
    const aGroup: Integer  
): Single;
```

Description

This is ImageWidth, a member of class TSprite.

1.1.51.3.16 TSprite.LoadPage

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LoadPage(  
    const aArchive: TArchive;  
    const aFilename: string;  
    const aColorKey: PColor  
): Integer;
```

Description

This is LoadPage, a member of class TSprite.

1.1.51.3.17 TSprite.RenderImage

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RenderImage(  
    const aNum: Integer;  
    const aGroup: Integer;  
    const aX: Single;  
    const aY: Single;  
    const aScale: Single;  
    const aAngle: Single;  
    const aFlipMode: TFlipMode;  
    const aOrigin: PPoint;  
    const aColor: TColor;  
    const aBlendMode: TBlendMode;  
    const aRenderPolyPoint: Boolean = false  
);
```



Description

This is RenderImage, a member of class TSprite.

1.1.51.4 TSprite Nested Types

The nested types of the TSprite class are listed here.

Nested Types

	PSpriteGroup (see page 238)	This is nested type TSprite.PSpriteGroup.
	PSpriteImageRect (see page 238)	This is nested type TSprite.PSpriteImageRect.

1.1.51.4.1 TSprite.PSpriteGroup

File: DelphiGamekit.pas (see page 426)

Delphi

```
PSpriteGroup = ^TSpriteGroup;
```

Description

This is nested type TSprite.PSpriteGroup.

1.1.51.4.2 TSprite.PSpriteImageRect

File: DelphiGamekit.pas (see page 426)

Delphi

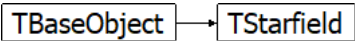
```
PSpriteImageRect = ^TSpriteImageRect;
```

Description

This is nested type TSprite.PSpriteImageRect.

1.1.52 TStarfield

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TStarfield = class(TBaseObject);
```

Description

This is class TStarfield.

1.1.52.1 TStarfield Records

The records of the TStarfield class are listed here.

Records

	TStarfieldItem (see page 239)	This is record TStarfield.TStarfieldItem.
---	--------------------------------	---

1.1.52.1.1 TStarfield.TStarfieldItem

File: DelphiGamekit.pas (see page 426)

Delphi

```
TStarfieldItem = record
  Speed: Single;
  X: Single;
  Y: Single;
  Z: Single;
end;
```










Description

This is record TStarfield.TStarfieldItem.

1.1.52.2 TStarfield Fields

The fields of the TStarfield class are listed here.

Fields

	FCenter (see page 239)	This is FCenter, a member of class TStarfield.
	FMax (see page 239)	This is FMax, a member of class TStarfield.
	FMin (see page 239)	This is FMin, a member of class TStarfield.
	FSpeed (see page 240)	This is FSpeed, a member of class TStarfield.
	FStar (see page 240)	This is FStar, a member of class TStarfield.
	FStarCount (see page 240)	This is FStarCount, a member of class TStarfield.
	FViewScale (see page 240)	This is FViewScale, a member of class TStarfield.
	FViewScaleRatio (see page 240)	This is FViewScaleRatio, a member of class TStarfield.
	FVirtualPos (see page 241)	This is FVirtualPos, a member of class TStarfield.

1.1.52.2.1 TStarfield.FCenter

File: DelphiGamekit.pas (see page 426)

Delphi

```
FCenter: TPoint;
```

Description

This is FCenter, a member of class TStarfield.

1.1.52.2.2 TStarfield.FMax

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMax: TPoint;
```

Description

This is FMax, a member of class TStarfield.

1.1.52.2.3 TStarfield.FMin

File: DelphiGamekit.pas (see page 426)

Delphi

```
FMin: TPoint;
```

Description

This is FMin, a member of class TStarfield.

1.1.52.2.4 TStarfield.FSpeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
FSpeed: TPoint;
```

Description

This is FSpeed, a member of class TStarfield.

1.1.52.2.5 TStarfield.FStar

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStar: array of TStarfieldItem;
```

Description

This is FStar, a member of class TStarfield.

1.1.52.2.6 TStarfield.FStarCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
FStarCount: Cardinal;
```

Description

This is FStarCount, a member of class TStarfield.

1.1.52.2.7 TStarfield.FViewScale

File: DelphiGamekit.pas (see page 426)

Delphi

```
FViewScale: Single;
```

Description

This is FViewScale, a member of class TStarfield.

1.1.52.2.8 TStarfield.FViewScaleRatio

File: DelphiGamekit.pas (see page 426)

Delphi

```
FViewScaleRatio: Single;
```

Description

This is FViewScaleRatio, a member of class TStarfield.

1.1.52.2.9 TStarfield.FVirtualPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
FVirtualPos: TPoint;
```













Description

This is FVirtualPos, a member of class TStarfield.

1.1.52.3 TStarfield Methods

The methods of the TStarfield class are listed here.

Methods

	Create (see page 241)	This is Create, a member of class TStarfield.
	Destroy (see page 241)	This is Destroy, a member of class TStarfield.
	Done (see page 241)	This is Done, a member of class TStarfield.
	GetVirtualPos (see page 242)	This is GetVirtualPos, a member of class TStarfield.
	Init (see page 242)	This is Init, a member of class TStarfield.
	Render (see page 242)	This is Render, a member of class TStarfield.
	SetVirtualPos (see page 242)	This is SetVirtualPos, a member of class TStarfield.
	SetXSpeed (see page 243)	This is SetXSpeed, a member of class TStarfield.
	SetYSpeed (see page 243)	This is SetYSpeed, a member of class TStarfield.
	SetZSpeed (see page 243)	This is SetZSpeed, a member of class TStarfield.
	TransformDrawPoint (see page 243)	This is TransformDrawPoint, a member of class TStarfield.
	Update (see page 244)	This is Update, a member of class TStarfield.

1.1.52.3.1 TStarfield.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TStarfield.

1.1.52.3.2 TStarfield.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TStarfield.

1.1.52.3.3 TStarfield.Done

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Done;
```

Description

This is Done, a member of class TStarfield.

1.1.52.3.4 TStarfield.GetVirtualPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure GetVirtualPos(  
    var aX: Single;  
    var aY: Single  
);
```

Description

This is GetVirtualPos, a member of class TStarfield.

1.1.52.3.5 TStarfield.Init

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Init(  
    aStarCount: Cardinal;  
    aMinX: Single;  
    aMinY: Single;  
    aMinZ: Single;  
    aMaxX: Single;  
    aMaxY: Single;  
    aMaxZ: Single;  
    aViewScale: Single  
);
```

Description

This is Init, a member of class TStarfield.

1.1.52.3.6 TStarfield.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render;
```

Description

This is Render, a member of class TStarfield.

1.1.52.3.7 TStarfield.SetVirtualPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetVirtualPos(  
    aX: Single;  
    aY: Single  
);
```

Description

This is SetVirtualPos, a member of class TStarfield.

1.1.52.3.8 TStarfield.SetXSpeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetXSpeed(  
    aSpeed: Single  
);
```

Description

This is SetXSpeed, a member of class TStarfield.

1.1.52.3.9 TStarfield.SetYSpeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetYSpeed(  
    aSpeed: Single  
);
```

Description

This is SetYSpeed, a member of class TStarfield.

1.1.52.3.10 TStarfield.SetZSpeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetZSpeed(  
    aSpeed: Single  
);
```

Description

This is SetZSpeed, a member of class TStarfield.

1.1.52.3.11 TStarfield.TransformDrawPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure TransformDrawPoint(  
    aX: Single;  
    aY: Single;  
    aZ: Single;  
    aVPX: Single;  
    aVPY: Single;  
    aVPW: Single;  
    aVPH: Single  
);
```

Description

This is TransformDrawPoint, a member of class TStarfield.

1.1.52.3.12 TStarfield.Update

File: DelphiGamekit.pas (see page 426)

Delphi

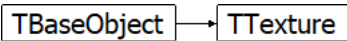
```
procedure Update(  
    aDeltaTime: Single  
);
```

Description

This is Update, a member of class TStarfield.

1.1.53 TTexture

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
TTexture = class(TBaseObject);
```

Description

This is class TTexture.

1.1.53.1 TTexture Fields

The fields of the TTexture class are listed here.

Fields

	FHandle (see page 244)	This is FHandle, a member of class TTexture.
	FHeight (see page 244)	This is FHeight, a member of class TTexture.
	FLockRect (see page 245)	This is FLockRect, a member of class TTexture.
	FPitch (see page 245)	This is FPitch, a member of class TTexture.
	FPixelFormat (see page 245)	This is FPixelFormat, a member of class TTexture.
	FPixels (see page 245)	This is FPixels, a member of class TTexture.
	FWidth (see page 245)	This is FWidth, a member of class TTexture.

1.1.53.1.1 TTexture.FHandle

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHandle: PSDL_Texture;
```

Description

This is FHandle, a member of class TTexture.

1.1.53.1.2 TTexture.FHeight

File: DelphiGamekit.pas (see page 426)

Delphi

```
FHeight: Integer;
```

Description

This is FHeight, a member of class TTexture.

1.1.53.1.3 TTexture.FLockRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLockRect: SDL_FRect;
```

Description

This is FLockRect, a member of class TTexture.

1.1.53.1.4 TTexture.FPitch

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPitch: Integer;
```

Description

This is FPitch, a member of class TTexture.

1.1.53.1.5 TTexture.FPixelFormat

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPixelFormat: PSDL_PixelFormat;
```

Description

This is FPixelFormat, a member of class TTexture.

1.1.53.1.6 TTexture.FPixels

File: DelphiGamekit.pas (see page 426)

Delphi

```
FPixels: Pointer;
```

Description

This is FPixels, a member of class TTexture.

1.1.53.1.7 TTexture.FWidth

File: DelphiGamekit.pas (see page 426)

Delphi

```
FWidth: Integer;
```

Description

This is FWidth, a member of class TTexture.

1.1.53.2 TTexture Methods

The methods of the TTexture class are listed here.

Methods

≡◆	Alloc (see page 246)	This is Alloc, a member of class TTexture.
≡◆V	Create (see page 246)	This is Create, a member of class TTexture.
≡◆V	Destroy (see page 246)	This is Destroy, a member of class TTexture.
≡◆	GetColor (see page 247)	This is GetColor, a member of class TTexture.
≡◆	GetPixel (see page 247)	This is GetPixel, a member of class TTexture.
≡◆	GetSize (see page 247)	This is GetSize, a member of class TTexture.
≡◆	Load (see page 247)	This is Load, a member of class TTexture.
≡◆	LoadTexture (see page 247)	This is LoadTexture, a member of class TTexture.
≡◆	Lock (see page 248)	This is Lock, a member of class TTexture.
≡◆	Render (see page 248)	This is Render, a member of class TTexture.
≡◆	RenderTiled (see page 248)	This is RenderTiled, a member of class TTexture.
≡◆	Save (see page 248)	This is Save, a member of class TTexture.
≡◆	SetColor (see page 249)	This is SetColor, a member of class TTexture.
≡◆	SetPixel (see page 249)	This is SetPixel, a member of class TTexture.
≡◆	Unload (see page 249)	This is Unload, a member of class TTexture.
≡◆	Unlock (see page 249)	This is Unlock, a member of class TTexture.

1.1.53.2.1 TTexture.Alloc

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Alloc(  
  const aWidth: Cardinal;  
  const aHeight: Cardinal;  
  const aAccess: TTextureAccess  
);
```

Description

This is Alloc, a member of class TTexture.

1.1.53.2.2 TTexture.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TTexture.

1.1.53.2.3 TTexture.Destroy

File: DelphiGamekit.pas (see page 426)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TTexture.

1.1.53.2.4 TTexture.GetColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetColor: SDL_Color;
```

Description

This is GetColor, a member of class TTexture.

1.1.53.2.5 TTexture.GetPixel

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetPixel(  
    const aX: Integer;  
    const aY: Integer  
): SDL_Color;
```

Description

This is GetPixel, a member of class TTexture.

1.1.53.2.6 TTexture.GetSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure GetSize(  
    aWidth: PInteger;  
    aHeight: PInteger  
);
```

Description

This is GetSize, a member of class TTexture.

1.1.53.2.7 TTexture.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Load(  
    const aArchive: TArchive;  
    const aFilename: string;  
    const aColorKey: PColor  
): Boolean;
```

Description

This is Load, a member of class TTexture.

1.1.53.2.8 TTexture.LoadTexture

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function LoadTexture(  
    const aArchive: TArchive;  
    const aFilename: string;  
    const aColorKey: PColor  
): TTexture;
```

Description

This is LoadTexture, a member of class TTexture.

1.1.53.2.9 TTexture.Lock

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Lock(  
    const aRect: PSDL_FRect  
);
```

Description

This is Lock, a member of class TTexture.

1.1.53.2.10 TTexture.Render

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Render(  
    const aSrcRect: PRect;  
    const aX: Single;  
    const aY: Single;  
    aScale: Single;  
    aAngle: Single;  
    const aFlipMode: TFlipMode;  
    const aOrigin: PPoint;  
    const aColor: SDL_Color;  
    const aBlendMode: TBlendMode  
);
```

Description

This is Render, a member of class TTexture.

1.1.53.2.11 TTexture.RenderTiled

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RenderTiled(  
    const aDeltaX: Single;  
    const aDeltaY: Single;  
    const aColor: SDL_Color;  
    const aBlendMode: TBlendMode  
);
```

Description

This is RenderTiled, a member of class TTexture.

1.1.53.2.12 TTexture.Save

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Save(  
    const aFilename: string  
): Boolean;
```

Description

This is Save, a member of class TTexture.

1.1.53.2.13 TTexture.SetColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetColor(  
    const aColor: SDL_Color  
);
```

Description

This is SetColor, a member of class TTexture.

1.1.53.2.14 TTexture.SetPixel

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetPixel(  
    const aX: Integer;  
    const aY: Integer;  
    const aColor: SDL_Color  
);
```

Description

This is SetPixel, a member of class TTexture.

1.1.53.2.15 TTexture.Unload

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Unload;
```

Description

This is Unload, a member of class TTexture.

1.1.53.2.16 TTexture.Unlock

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Unlock;
```




Description

This is Unlock, a member of class TTexture.

1.1.53.3 TTexture Properties

The properties of the TTexture class are listed here.

Properties

 R	Handle (see page 250)	This is Handle, a member of class TTexture.
 R	Height (see page 250)	This is Height, a member of class TTexture.
 R	Width (see page 250)	This is Width, a member of class TTexture.

1.1.53.3.1 TTexture.Handle

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Handle: PSDL_Texture;
```

Description

This is Handle, a member of class TTexture.

1.1.53.3.2 TTexture.Height

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Height: Integer;
```

Description

This is Height, a member of class TTexture.

1.1.53.3.3 TTexture.Width

File: DelphiGamekit.pas (see page 426)

Delphi

```
property Width: Integer;
```

Description

This is Width, a member of class TTexture.

1.1.54 TTimer

File: DelphiGamekit.pas (see page 426)

Delphi

```
TTimer = record
end;
```






Description

This is class TTimer.

1.1.54.1 TTimer Methods

The methods of the TTimer class are listed here.

Methods

	ElapsedTime (see page 251)	This is ElapsedTime, a member of class TTimer.
	FrameRate (see page 251)	This is FrameRate, a member of class TTimer.
	FrameSpeed (see page 251)	This is FrameSpeed, a member of class TTimer.
	Reset (see page 251)	This is Reset, a member of class TTimer.
	Update (see page 252)	This is Update, a member of class TTimer.

1.1.54.1.1 TTimer.ElapsedTime

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function ElapsedTime(  
    var aTimer: Single;  
    aSeconds: Single  
): Boolean; static;
```

Description

This is ElapsedTime, a member of class TTimer.

1.1.54.1.2 TTimer.FrameRate

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function FrameRate: Cardinal; static;
```

Description

This is FrameRate, a member of class TTimer.

1.1.54.1.3 TTimer.FrameSpeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function FrameSpeed(  
    var aTimer: Single;  
    aSpeed: Single  
): Boolean; static;
```

Description

This is FrameSpeed, a member of class TTimer.

1.1.54.1.4 TTimer.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Reset(  
    aSpeed: Single = 0;  
    aFixedSpeed: Single = 0  
); static;
```


Description

This is Reset, a member of class TTimer.

1.1.54.1.5 TTimer.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Update; static;
```



Description

This is Update, a member of class TTimer.

1.1.54.2 TTimer Operators

The operators of the TTimer class are listed here.

Operators

	Finalize (see page 252)	This is Finalize, a member of class TTimer.
	Initialize (see page 252)	This is Initialize, a member of class TTimer.

1.1.54.2.1 TTimer.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TTimer  
);
```

Description

This is Finalize, a member of class TTimer.

1.1.54.2.2 TTimer.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TTimer  
);
```

Description

This is Initialize, a member of class TTimer.

1.1.55 TTransform

File: DelphiGamekit.pas (see page 426)

Delphi

```
TTransform = record  
    Angle: Single;  
    Height: Single;
```









```
Width: Single;  
X: Single;  
Y: Single;  
Zoom: Single;  
Visible: Boolean;  
Origin: TPoint;  
end;
```

Description
This is class TTransform.

1.1.55.1 TTransform Fields

The fields of the TTransform class are listed here.

Fields

	Angle (see page 253)	This is Angle, a member of class TTransform.
	Height (see page 253)	This is Height, a member of class TTransform.
	Origin (see page 253)	This is Origin, a member of class TTransform.
	Visible (see page 254)	This is Visible, a member of class TTransform.
	Width (see page 254)	This is Width, a member of class TTransform.
	X (see page 254)	This is X, a member of class TTransform.
	Y (see page 254)	This is Y, a member of class TTransform.
	Zoom (see page 254)	This is Zoom, a member of class TTransform.

1.1.55.1.1 TTransform.Angle

File: DelphiGamekit.pas (see page 426)

Delphi
Angle: Single;

Description
This is Angle, a member of class TTransform.

1.1.55.1.2 TTransform.Height

File: DelphiGamekit.pas (see page 426)

Delphi
Height: Single;

Description
This is Height, a member of class TTransform.

1.1.55.1.3 TTransform.Origin

File: DelphiGamekit.pas (see page 426)

Delphi
Origin: TPoint;

Description
This is Origin, a member of class TTransform.

1.1.55.1.4 TTransform.Visible

File: DelphiGamekit.pas (see page 426)

Delphi

```
Visible: Boolean;
```

Description

This is Visible, a member of class TTransform.

1.1.55.1.5 TTransform.Width

File: DelphiGamekit.pas (see page 426)

Delphi

```
Width: Single;
```

Description

This is Width, a member of class TTransform.

1.1.55.1.6 TTransform.X

File: DelphiGamekit.pas (see page 426)

Delphi

```
X: Single;
```

Description

This is X, a member of class TTransform.

1.1.55.1.7 TTransform.Y

File: DelphiGamekit.pas (see page 426)

Delphi

```
Y: Single;
```

Description

This is Y, a member of class TTransform.

1.1.55.1.8 TTransform.Zoom

File: DelphiGamekit.pas (see page 426)

Delphi

```
Zoom: Single;
```






Description

This is Zoom, a member of class TTransform.

1.1.55.2 TTransform Methods

The methods of the TTransform class are listed here.

Methods

	Assign (see page 255)	This is Assign, a member of class TTransform.
	Assign (see page 255)	This is Assign, a member of class TTransform.
	Create (see page 255)	This is Create, a member of class TTransform.
	Create (see page 255)	This is Create, a member of class TTransform.
	Intersect (see page 256)	This is Intersect, a member of class TTransform.

1.1.55.2.1 TTransform.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(  
    const aX: Single;  
    const aY: Single  
); overload;
```

Description

This is Assign, a member of class TTransform.

1.1.55.2.2 TTransform.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(  
    const aX: Single;  
    const aY: Single;  
    const aWidth: Single;  
    const aHeight: Single  
); overload;
```

Description

This is Assign, a member of class TTransform.

1.1.55.2.3 TTransform.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
    const aX: Single;  
    const aY: Single  
); overload;
```

Description

This is Create, a member of class TTransform.

1.1.55.2.4 TTransform.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
    const aX: Single;  
    const aY: Single;  
    const aWidth: Single;  
    const aHeight: Single
```

```
); overload;
```

Description

This is Create, a member of class TTransform.

1.1.55.2.5 TTransform.Intersect

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Intersect(  
    aRect: TTransform  
): Boolean;
```






Description

This is Intersect, a member of class TTransform.

1.1.55.3 TTransform Operators

The operators of the TTransform class are listed here.

Operators

	Finalize (see page 256)	This is Finalize, a member of class TTransform.
	Implicit (see page 256)	This is Implicit, a member of class TTransform.
	Implicit (see page 256)	This is Implicit, a member of class TTransform.
	Implicit (see page 257)	This is Implicit, a member of class TTransform.
	Initialize (see page 257)	This is Initialize, a member of class TTransform.

1.1.55.3.1 TTransform.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TTransform  
);
```

Description

This is Finalize, a member of class TTransform.

1.1.55.3.2 TTransform.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: SDL_FRect  
);
```

Description

This is Implicit, a member of class TTransform.

1.1.55.3.3 TTransform.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: SDL_Rect  
);
```

Description

This is Implicit, a member of class TTransform.

1.1.55.3.4 TTransform.Implicit

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Implicit(  
    aValue: TTransform  
);
```

Description

This is Implicit, a member of class TTransform.

1.1.55.3.5 TTransform.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TTransform  
);
```

Description

This is Initialize, a member of class TTransform.

1.1.56 TVector

File: DelphiGamekit.pas (see page 426)

Delphi

```
TVector = record  
    W: Single;  
    X: Single;  
    Y: Single;  
    Z: Single;  
end;
```



Description



This is class TVector.

1.1.56.1 TVector Fields

The fields of the TVector class are listed here.

Fields

	W (see page 258)	This is W, a member of class TVector.
	X (see page 258)	This is X, a member of class TVector.

	Y (see page 258)	This is Y, a member of class TVector.
	Z (see page 258)	This is Z, a member of class TVector.

1.1.56.1.1 TVector.W

File: DelphiGamekit.pas (see page 426)

Delphi

`W: Single;`

Description

This is W, a member of class TVector.

1.1.56.1.2 TVector.X

File: DelphiGamekit.pas (see page 426)

Delphi

`X: Single;`

Description

This is X, a member of class TVector.

1.1.56.1.3 TVector.Y

File: DelphiGamekit.pas (see page 426)

Delphi

`Y: Single;`

Description

This is Y, a member of class TVector.

1.1.56.1.4 TVector.Z

File: DelphiGamekit.pas (see page 426)

Delphi

`Z: Single;`







Description

This is Z, a member of class TVector.

1.1.56.2 TVector Methods

The methods of the TVector class are listed here.

Methods

	Add (see page 259)	This is Add, a member of class TVector.
	Angle (see page 259)	This is Angle, a member of class TVector.
	Assign (see page 259)	This is Assign, a member of class TVector.
	Assign (see page 260)	This is Assign, a member of class TVector.
	Assign (see page 260)	This is Assign, a member of class TVector.
	Assign (see page 260)	This is Assign, a member of class TVector.

◆	Clear (see page 260)	This is Clear, a member of class TVector.
◆	Create (see page 260)	This is Create, a member of class TVector.
◆	Distance (see page 261)	This is Distance, a member of class TVector.
◆	Divide (see page 261)	This is Divide, a member of class TVector.
◆	DivideBy (see page 261)	This is DivideBy, a member of class TVector.
◆	DotProduct (see page 261)	This is DotProduct, a member of class TVector.
◆	Magnitude (see page 261)	This is Magnitude, a member of class TVector.
◆	MagnitudeSquared (see page 262)	This is MagnitudeSquared, a member of class TVector.
◆	MagnitudeTruncate (see page 262)	This is MagnitudeTruncate, a member of class TVector.
◆	Multiply (see page 262)	This is Multiply, a member of class TVector.
◆	Negate (see page 262)	This is Negate, a member of class TVector.
◆	Normalize (see page 262)	This is Normalize, a member of class TVector.
◆	Project (see page 263)	This is Project, a member of class TVector.
◆	Scale (see page 263)	This is Scale, a member of class TVector.
◆	Subtract (see page 263)	This is Subtract, a member of class TVector.
◆	Thrust (see page 263)	This is Thrust, a member of class TVector.

1.1.56.2.1 TVector.Add

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Add(
    aVector: TVector
);
```

Description

This is Add, a member of class TVector.

1.1.56.2.2 TVector.Angle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Angle(
    aVector: TVector
): Single;
```

Description

This is Angle, a member of class TVector.

1.1.56.2.3 TVector.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(
    const aX: Single;
    const aY: Single
); overload;
```

Description

This is Assign, a member of class TVector.

1.1.56.2.4 TVector.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(  
    const aX: Single;  
    const aY: Single;  
    const aZ: Single  
); overload;
```

Description

This is Assign, a member of class TVector.

1.1.56.2.5 TVector.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(  
    const aX: Single;  
    const aY: Single;  
    const aZ: Single;  
    const aW: Single  
); overload;
```

Description

This is Assign, a member of class TVector.

1.1.56.2.6 TVector.Assign

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Assign(  
    aVector: TVector  
); overload;
```

Description

This is Assign, a member of class TVector.

1.1.56.2.7 TVector.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TVector.

1.1.56.2.8 TVector.Create

File: DelphiGamekit.pas (see page 426)

Delphi

```
constructor Create(  
    const aX: Single;
```

```
    const aY: Single  
);
```

Description

This is Create, a member of class TVector.

1.1.56.2.9 TVector.Distance

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Distance(  
    aVector: TVector  
): Single;
```

Description

This is Distance, a member of class TVector.

1.1.56.2.10 TVector.Divide

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Divide(  
    aVector: TVector  
);
```

Description

This is Divide, a member of class TVector.

1.1.56.2.11 TVector.DivideBy

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure DivideBy(  
    aValue: Single  
);
```

Description

This is DivideBy, a member of class TVector.

1.1.56.2.12 TVector.DotProduct

File: DelphiGamekit.pas (see page 426)

Delphi

```
function DotProduct(  
    aVector: TVector  
): Single;
```

Description

This is DotProduct, a member of class TVector.

1.1.56.2.13 TVector.Magnitude

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Magnitude: Single;
```

Description

This is Magnitude, a member of class TVector.

1.1.56.2.14 TVector.MagnitudeSquared

File: DelphiGamekit.pas (see page 426)

Delphi

```
function MagnitudeSquared: Single;
```

Description

This is MagnitudeSquared, a member of class TVector.

1.1.56.2.15 TVector.MagnitudeTruncate

File: DelphiGamekit.pas (see page 426)

Delphi

```
function MagnitudeTruncate(  
    aMaxMagitude: Single  
): TVector;
```

Description

This is MagnitudeTruncate, a member of class TVector.

1.1.56.2.16 TVector.Multiply

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Multiply(  
    aVector: TVector  
);
```

Description

This is Multiply, a member of class TVector.

1.1.56.2.17 TVector.Negate

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Negate;
```

Description

This is Negate, a member of class TVector.

1.1.56.2.18 TVector.Normalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Normalize;
```

Description

This is Normalize, a member of class TVector.

1.1.56.2.19 TVector.Project

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Project(  
    aVector: TVector  
): TVector;
```

Description

This is Project, a member of class TVector.

1.1.56.2.20 TVector.Scale

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Scale(  
    aValue: Single  
);
```

Description

This is Scale, a member of class TVector.

1.1.56.2.21 TVector.Subtract

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Subtract(  
    aVector: TVector  
);
```

Description

This is Subtract, a member of class TVector.

1.1.56.2.22 TVector.Thrust

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Thrust(  
    aAngle: Single;  
    aSpeed: Single  
);
```

Description

This is Thrust, a member of class TVector.

1.1.56.3 TVector Operators

The operators of the TVector class are listed here.

Operators

	Initialize (see page 264)	This is Initialize, a member of class TVector.
---	----------------------------	--

1.1.56.3.1 TVector.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TVector  
);
```

Description

This is Initialize, a member of class TVector.

1.1.57 TVideo

File: DelphiGamekit.pas (see page 426)

Delphi

```
TVideo = record  
end;
```
















Description

This is class TVideo.

1.1.57.1 TVideo Methods

The methods of the TVideo class are listed here.

Methods

	Draw (see page 264)	This is Draw, a member of class TVideo.
	GetFrameRate (see page 265)	This is GetFrameRate, a member of class TVideo.
	GetHeight (see page 265)	This is GetHeight, a member of class TVideo.
	GetStatus (see page 265)	This is GetStatus, a member of class TVideo.
	GetVolume (see page 265)	This is GetVolume, a member of class TVideo.
	GetWidth (see page 265)	This is GetWidth, a member of class TVideo.
	Load (see page 266)	This is Load, a member of class TVideo.
	LoadPlay (see page 266)	This is LoadPlay, a member of class TVideo.
	Pause (see page 266)	This is Pause, a member of class TVideo.
	Play (see page 266)	This is Play, a member of class TVideo.
	Rewind (see page 267)	This is Rewind, a member of class TVideo.
	SetVolume (see page 267)	This is SetVolume, a member of class TVideo.
	Stop (see page 267)	This is Stop, a member of class TVideo.
	Unload (see page 267)	This is Unload, a member of class TVideo.
	Update (see page 267)	This is Update, a member of class TVideo.

1.1.57.1.1 TVideo.Draw

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Draw(  
    const aX: Single;  
    const aY: Single;  
    const aScale: Single  
); static;
```

Description

This is Draw, a member of class TVideo.

1.1.57.1.2 TVideo.GetFrameRate

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetFrameRate: Single; static;
```

Description

This is GetFrameRate, a member of class TVideo.

1.1.57.1.3 TVideo.GetHeight

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetHeight: Cardinal; static;
```

Description

This is GetHeight, a member of class TVideo.

1.1.57.1.4 TVideo.GetStatus

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetStatus: TVideoStatus; static;
```

Description

This is GetStatus, a member of class TVideo.

1.1.57.1.5 TVideo.GetVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetVolume: Single; static;
```

Description

This is GetVolume, a member of class TVideo.

1.1.57.1.6 TVideo.GetWidth

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetWidth: Cardinal; static;
```

Description

This is GetWidth, a member of class TVideo.

1.1.57.1.7 TVideo.Load

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Load(  
    const aArchive: TArchive;  
    const aFilename: string  
): Boolean; static;
```

Description

This is Load, a member of class TVideo.

1.1.57.1.8 TVideo.LoadPlay

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure LoadPlay(  
    const aArchive: TArchive;  
    const aFilename: string;  
    const aVolume: Single;  
    const aLoop: Integer  
); static;
```

Description

This is LoadPlay, a member of class TVideo.

1.1.57.1.9 TVideo.Pause

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Pause(  
    const aPause: Boolean  
); static;
```

Description

This is Pause, a member of class TVideo.

1.1.57.1.10 TVideo.Play

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Play(  
    const aVolume: Single;  
    const aLoop: Integer  
); static;
```

Description

This is Play, a member of class TVideo.

1.1.57.1.11 TVideo.Rewind

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Rewind; static;
```

Description

This is Rewind, a member of class TVideo.

1.1.57.1.12 TVideo.SetVolume

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetVolume(  
    const aVolume: Single  
); static;
```

Description

This is SetVolume, a member of class TVideo.

1.1.57.1.13 TVideo.Stop

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Stop; static;
```

Description

This is Stop, a member of class TVideo.

1.1.57.1.14 TVideo.Unload

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Unload; static;
```

Description

This is Unload, a member of class TVideo.

1.1.57.1.15 TVideo.Update

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Update(  
    const aDeltaTime: Double  
); static;
```



Description

This is Update, a member of class TVideo.

1.1.57.2 TVideo Operators

The operators of the TVideo class are listed here.

Operators

	Finalize (see page 268)	This is Finalize, a member of class TVideo.
	Initialize (see page 268)	This is Initialize, a member of class TVideo.

1.1.57.2.1 TVideo.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TVideo  
);
```

Description

This is Finalize, a member of class TVideo.

1.1.57.2.2 TVideo.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TVideo  
);
```

Description

This is Initialize, a member of class TVideo.

1.1.58 TWindow

File: DelphiGamekit.pas (see page 426)

Delphi

```
TWindow = record  
end;
```





Description

This is class TWindow.

1.1.58.1 TWindow Methods

The methods of the TWindow class are listed here.

Methods

	Clear (see page 269)	This is Clear, a member of class TWindow.
	Close (see page 269)	This is Close, a member of class TWindow.
	DrawFilledRect (see page 269)	This is DrawFilledRect, a member of class TWindow.
	DrawLine (see page 270)	This is DrawLine, a member of class TWindow.

✦	DrawPoint (see page 270)	This is DrawPoint, a member of class TWindow.
✦	DrawRect (see page 270)	This is DrawRect, a member of class TWindow.
✦	GetDDPI (see page 271)	This is GetDDPI, a member of class TWindow.
✦	GetHDPI (see page 271)	This is GetHDPI, a member of class TWindow.
✦	GetRenderBufferPos (see page 271)	This is GetRenderBufferPos, a member of class TWindow.
✦	GetRenderHandle (see page 271)	This is GetRenderHandle, a member of class TWindow.
✦	GetRenderInfo (see page 271)	This is GetRenderInfo, a member of class TWindow.
✦	GetRenderScale (see page 271)	This is GetRenderScale, a member of class TWindow.
✦	GetRenderSize (see page 272)	This is GetRenderSize, a member of class TWindow.
✦	GetTitle (see page 272)	This is GetTitle, a member of class TWindow.
✦	GetVDPI (see page 272)	This is GetVDPI, a member of class TWindow.
✦	GetViewport (see page 272)	This is GetViewport, a member of class TWindow.
✦	GetWindowHandle (see page 272)	This is GetWindowHandle, a member of class TWindow.
✦	GetWindowSize (see page 273)	This is GetWindowSize, a member of class TWindow.
✦	IsOpen (see page 273)	This is IsOpen, a member of class TWindow.
✦	Open (see page 273)	This is Open, a member of class TWindow.
✦	Save (see page 273)	This is Save, a member of class TWindow.
✦	SetRenderBufferPos (see page 273)	This is SetRenderBufferPos, a member of class TWindow.
✦	SetTitle (see page 274)	This is SetTitle, a member of class TWindow.
✦	Show (see page 274)	This is Show, a member of class TWindow.
✦	ShowRenderBuffer (see page 274)	This is ShowRenderBuffer, a member of class TWindow.

1.1.58.1.1 TWindow.Clear

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Clear(
    const aColor: TColor
); static;
```

Description

This is Clear, a member of class TWindow.

1.1.58.1.2 TWindow.Close

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Close; static;
```

Description

This is Close, a member of class TWindow.

1.1.58.1.3 TWindow.DrawFilledRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure DrawFilledRect(
    const aX: Single;
```

```
    const aY: Single;  
    const aWidth: Single;  
    const aHeight: Single;  
    const aColor: TColor;  
    const aBlendMode: TBlendMode  
); static;
```

Description

This is DrawFilledRect, a member of class TWindow.

1.1.58.1.4 TWindow.DrawLine

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure DrawLine(  
    const aX1: Single;  
    const aY1: Single;  
    const aX2: Single;  
    const aY2: Single;  
    const aColor: TColor;  
    const aBlendMode: TBlendMode  
); static;
```

Description

This is DrawLine, a member of class TWindow.

1.1.58.1.5 TWindow.DrawPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure DrawPoint(  
    const aX: Single;  
    const aY: Single;  
    const aColor: TColor;  
    const aBlendMode: TBlendMode  
); static;
```

Description

This is DrawPoint, a member of class TWindow.

1.1.58.1.6 TWindow.DrawRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure DrawRect(  
    const aX: Single;  
    const aY: Single;  
    const aWidth: Single;  
    const aHeight: Single;  
    const aColor: TColor;  
    const aBlendMode: TBlendMode  
); static;
```

Description

This is DrawRect, a member of class TWindow.

1.1.58.1.7 TWindow.GetDDPI

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetDDPI: Single; static;
```

Description

This is GetDDPI, a member of class TWindow.

1.1.58.1.8 TWindow.GetHDPI

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetHDPI: Single; static;
```

Description

This is GetHDPI, a member of class TWindow.

1.1.58.1.9 TWindow.GetRenderBufferPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure GetRenderBufferPos(  
    aX: System.PSingle;  
    aY: System.PSingle  
); static;
```

Description

This is GetRenderBufferPos, a member of class TWindow.

1.1.58.1.10 TWindow.GetRendererHandle

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRendererHandle: PSDL_Renderer; static;
```

Description

This is GetRendererHandle, a member of class TWindow.

1.1.58.1.11 TWindow.GetRendererInfo

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRendererInfo: SDL_RendererInfo; static;
```

Description

This is GetRendererInfo, a member of class TWindow.

1.1.58.1.12 TWindow.GetRendererScale

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRenderersScale: TPoint; static;
```

Description

This is GetRenderersScale, a member of class TWindow.

1.1.58.1.13 TWindow.GetRenderersSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetRenderersSize: TPoint; static;
```

Description

This is GetRenderersSize, a member of class TWindow.

1.1.58.1.14 TWindow.GetTitle

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetTitle: string; static;
```

Description

This is GetTitle, a member of class TWindow.

1.1.58.1.15 TWindow.GetVDPI

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetVDPI: Single; static;
```

Description

This is GetVDPI, a member of class TWindow.

1.1.58.1.16 TWindow.GetViewport

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetViewport: TRect; static;
```

Description

This is GetViewport, a member of class TWindow.

1.1.58.1.17 TWindow.GetWindowHandle

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetWindowHandle: PSDL_Window; static;
```

Description

This is GetWindowHandle, a member of class TWindow.

1.1.58.1.18 TWindow.GetWindowSize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function GetWindowSize: TPoint; static;
```

Description

This is GetWindowSize, a member of class TWindow.

1.1.58.1.19 TWindow.IsOpen

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function IsOpen: Boolean; static;
```

Description

This is IsOpen, a member of class TWindow.

1.1.58.1.20 TWindow.Open

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Open(  
    const aTitle: string;  
    const aX: Integer;  
    const aY: Integer;  
    const aWidth: Integer = WINDOW_WIDTH;  
    const aHeight: Integer = WINDOW_HEIGHT  
): Boolean; static;
```

Description

This is Open, a member of class TWindow.

1.1.58.1.21 TWindow.Save

File: DelphiGamekit.pas (see page 426)

Delphi

```
class function Save(  
    const aFilename: string  
): Boolean; static;
```

Description

This is Save, a member of class TWindow.

1.1.58.1.22 TWindow.SetRenderBufferPos

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetRenderBufferPos(  
    const aX: Single;  
    const aY: Single  
); static;
```

Description

This is SetRenderBufferPos, a member of class TWindow.

1.1.58.1.23 TWindow.SetTitle

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure SetTitle(  
    const aTitle: string  
); static;
```

Description

This is SetTitle, a member of class TWindow.

1.1.58.1.24 TWindow.Show

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure Show; static;
```

Description

This is Show, a member of class TWindow.

1.1.58.1.25 TWindow.ShowRenderBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
class procedure ShowRenderBuffer; static;
```



Description

This is ShowRenderBuffer, a member of class TWindow.

1.1.58.2 TWindow Operators

The operators of the TWindow class are listed here.

Operators

	Finalize (see page 274)	This is Finalize, a member of class TWindow.
	Initialize (see page 275)	This is Initialize, a member of class TWindow.

1.1.58.2.1 TWindow.Finalize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Finalize(  
    var aDest: TWindow  
);
```

Description

This is Finalize, a member of class TWindow.

1.1.58.2.2 TWindow.Initialize

File: DelphiGamekit.pas (see page 426)

Delphi

```
class operator Initialize(  
    out aDest: TWindow  
) ;
```



Description

This is Initialize, a member of class TWindow.

1.2 Interfaces

The following table lists interfaces in this documentation.

Interfaces

	ILua (see page 275)	This is class ILua.
	ILuaContext (see page 280)	This is class ILuaContext.

1.2.1 ILua

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
ILua = interface ;
```










Description











This is class ILua.

1.2.1.1 ILua Methods

The methods of the ILua class are listed here.

Methods

	Call (see page 276)	This is Call, a member of class ILua.
	Call (see page 276)	This is Call, a member of class ILua.
	GetVariable (see page 276)	This is GetVariable, a member of class ILua.
	LoadBuffer (see page 276)	This is LoadBuffer, a member of class ILua.
	LoadFile (see page 277)	This is LoadFile, a member of class ILua.
	LoadStream (see page 277)	This is LoadStream, a member of class ILua.
	LoadString (see page 277)	This is LoadString, a member of class ILua.
	PrepCall (see page 277)	This is PrepCall, a member of class ILua.
	RegisterRoutine (see page 278)	This is RegisterRoutine, a member of class ILua.

	RegisterRoutine (see page 278)	This is RegisterRoutine, a member of class ILua.
	RegisterRoutines (see page 278)	This is RegisterRoutines, a member of class ILua.
	RegisterRoutines (see page 278)	This is RegisterRoutines, a member of class ILua.
	RegisterRoutines (see page 278)	This is RegisterRoutines, a member of class ILua.
	RegisterRoutines (see page 279)	This is RegisterRoutines, a member of class ILua.
	Reset (see page 279)	This is Reset, a member of class ILua.
	RoutineExist (see page 279)	This is RoutineExist, a member of class ILua.
	Run (see page 279)	This is Run, a member of class ILua.
	SetVariable (see page 279)	This is SetVariable, a member of class ILua.
	VariableExist (see page 280)	This is VariableExist, a member of class ILua.

1.2.1.1.1 ILua.Call

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Call(  
    aParamCount: Integer  
): TLuaValue; overload;
```

Description

This is Call, a member of class ILua.

1.2.1.1.2 ILua.Call

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Call(  
    const aName: string;  
    const aParams: array of TLuaValue  
): TLuaValue; overload;
```

Description

This is Call, a member of class ILua.

1.2.1.1.3 ILua.GetVariable

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetVariable(  
    const aName: string;  
    aType: TLuaValueType  
): TLuaValue;
```

Description

This is GetVariable, a member of class ILua.

1.2.1.1.4 ILua.LoadBuffer

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadBuffer(  
    aData: Pointer;  
    aSize: NativeUInt;
```

```
    aAutoRun: Boolean = True  
);
```

Description

This is LoadBuffer, a member of class ILua.

1.2.1.1.5 ILua.LoadFile

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LoadFile(  
    const aFilename: string;  
    aAutoRun: Boolean = True  
): Boolean;
```

Description

This is LoadFile, a member of class ILua.

1.2.1.1.6 ILua.LoadStream

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadStream(  
    aStream: TStream;  
    aSize: NativeUInt = 0;  
    aAutoRun: Boolean = True  
);
```

Description

This is LoadStream, a member of class ILua.

1.2.1.1.7 ILua.LoadString

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure LoadString(  
    const aData: string;  
    aAutoRun: Boolean = True  
);
```

Description

This is LoadString, a member of class ILua.

1.2.1.1.8 ILua.PrepareCall

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PrepareCall(  
    const aName: string  
): Boolean;
```

Description

This is PrepareCall, a member of class ILua.

1.2.1.1.9 ILua.RegisterRoutine

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutine(  
    const aName: string;  
    aData: Pointer;  
    aCode: Pointer  
); overload;
```

Description

This is RegisterRoutine, a member of class ILua.

1.2.1.1.10 ILua.RegisterRoutine

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutine(  
    const aName: string;  
    aRoutine: TLuaFunction  
); overload;
```

Description

This is RegisterRoutine, a member of class ILua.

1.2.1.1.11 ILua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    aClass: TClass  
); overload;
```

Description

This is RegisterRoutines, a member of class ILua.

1.2.1.1.12 ILua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    aObject: TObject  
); overload;
```

Description

This is RegisterRoutines, a member of class ILua.

1.2.1.1.13 ILua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    const aTables: string;
```

```
    aClass: TClass;  
    const aTableName: string = ''  
); overload;
```

Description

This is RegisterRoutines, a member of class ILua.

1.2.1.1.14 ILua.RegisterRoutines

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RegisterRoutines(  
    const aTables: string;  
    aObject: TObject;  
    const aTableName: string = ''  
); overload;
```

Description

This is RegisterRoutines, a member of class ILua.

1.2.1.1.15 ILua.Reset

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Reset;
```

Description

This is Reset, a member of class ILua.

1.2.1.1.16 ILua.RoutineExist

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RoutineExist(  
    const aName: string  
): Boolean;
```

Description

This is RoutineExist, a member of class ILua.

1.2.1.1.17 ILua.Run

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Run;
```

Description

This is Run, a member of class ILua.

1.2.1.1.18 ILua.SetVariable

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetVariable(  
    const aName: string;  
    aValue: TLuaValue  
);
```

Description

This is SetVariable, a member of class ILua.

1.2.1.1.19 ILua.VariableExist

File: DelphiGamekit.pas (see page 426)

Delphi

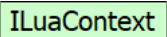
```
function VariableExist(  
    const aName: string  
): Boolean;
```

Description

This is VariableExist, a member of class ILua.

1.2.2 ILuaContext

Class Hierarchy



File: DelphiGamekit.pas (see page 426)

Delphi

```
ILuaContext = interface;
```

Description

This is class ILuaContext.

1.2.2.1 ILuaContext Methods

The methods of the ILuaContext class are listed here.

Methods

	ArgCount (see page 281)	This is ArgCount, a member of class ILuaContext.
	ClearStack (see page 281)	This is ClearStack, a member of class ILuaContext.
	GetStackType (see page 281)	This is GetStackType, a member of class ILuaContext.
	GetTableFieldValue (see page 281)	This is GetTableFieldValue, a member of class ILuaContext.
	GetTableIndexValue (see page 281)	This is GetTableIndexValue, a member of class ILuaContext.
	GetValue (see page 282)	This is GetValue, a member of class ILuaContext.
	PopStack (see page 282)	This is PopStack, a member of class ILuaContext.
	PushCount (see page 282)	This is PushCount, a member of class ILuaContext.
	PushValue (see page 282)	This is PushValue, a member of class ILuaContext.
	SetTableFieldValue (see page 282)	This is SetTableFieldValue, a member of class ILuaContext.
	SetTableIndexValue (see page 283)	This is SetTableIndexValue, a member of class ILuaContext.

1.2.2.1.1 ILuaContext.ArgCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ArgCount: Integer;
```

Description

This is ArgCount, a member of class ILuaContext.

1.2.2.1.2 ILuaContext.ClearStack

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ClearStack;
```

Description

This is ClearStack, a member of class ILuaContext.

1.2.2.1.3 ILuaContext.GetStackType

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetStackType(  
    aIndex: Integer  
): TLuaType;
```

Description

This is GetStackType, a member of class ILuaContext.

1.2.2.1.4 ILuaContext.GetTableFieldValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetTableFieldValue(  
    const aName: string;  
    aType: TLuaValueType;  
    aIndex: Integer  
): TLuaValue; overload;
```

Description

This is GetTableFieldValue, a member of class ILuaContext.

1.2.2.1.5 ILuaContext.GetTableIndexValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetTableIndexValue(  
    const aName: string;  
    aType: TLuaValueType;  
    aIndex: Integer;  
    aKey: Integer  
): TLuaValue;
```

Description

This is GetTableIndexValue, a member of class ILuaContext.

1.2.2.1.6 ILuaContext.GetValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetValue(  
    aType: TLuaValueType;  
    aIndex: Integer  
): TLuaValue;
```

Description

This is GetValue, a member of class ILuaContext.

1.2.2.1.7 ILuaContext.PopStack

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PopStack(  
    aCount: Integer  
);
```

Description

This is PopStack, a member of class ILuaContext.

1.2.2.1.8 ILuaContext.PushCount

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PushCount: Integer;
```

Description

This is PushCount, a member of class ILuaContext.

1.2.2.1.9 ILuaContext.PushValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PushValue(  
    aValue: TLuaValue  
);
```

Description

This is PushValue, a member of class ILuaContext.

1.2.2.1.10 ILuaContext.SetTableFieldValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetTableFieldValue(  
    const aName: string;
```

```

    aValue: TLuaValue;
    aIndex: Integer
); overload;

```

Description

This is SetTableFieldValue, a member of class ILuaContext.

1.2.2.1.11 ILuaContext.SetTableIndexValue

File: DelphiGamekit.pas (see page 426)

Delphi

```

procedure SetTableIndexValue(
    const aName: string;
    aValue: TLuaValue;
    aIndex: Integer;
    aKey: Integer
);

```

Description

This is SetTableIndexValue, a member of class ILuaContext.

1.3 Functions

The following table lists functions in this documentation.

Functions

➤	AddSelfToUserPath (see page 285)	This is function AddSelfToUserPath.
➤	AngleCos (see page 285)	This is function AngleCos.
➤	AngleDiff (see page 285)	This is function AngleDiff.
➤	AngleRotatePos (see page 286)	This is function AngleRotatePos.
➤	AngleSin (see page 286)	This is function AngleSin.
➤	CaptureConsoleOutput (see page 286)	This is function CaptureConsoleOutput.
➤	CircleInRectangle (see page 286)	This is function CircleInRectangle.
➤	CirclesOverlap (see page 287)	This is function CirclesOverlap.
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➤	CreateDirsInPath (see page 288)	This is function CreateDirsInPath.
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➤	GetDirName (see page 290)	This is function GetDirName.
➤	GetEnvVarValue (see page 290)	This is function GetEnvVarValue.
➤	GetExeBasePath (see page 290)	This is function GetExeBasePath.

◆	GetExePath (see page 290)	This is function GetExePath.
◆	GetFileRWops (see page 291)	This is function GetFileRWops.
◆	GetMemRWops (see page 291)	This is function GetMemRWops.
◆	GetRandomSeed (see page 291)	This is function GetRandomSeed.
◆	GetSemVerStr (see page 291)	This is function GetSemVerStr.
◆	GetUUID (see page 292)	This is function GetUUID.
◆	GetVersionInfo (see page 292)	This is function GetVersionInfo.
◆	GetVersionInfo (see page 292)	This is function GetVersionInfo.
◆	HasConsoleOutput (see page 292)	This is function HasConsoleOutput.
◆	HttpGet (see page 293)	This is function HttpGet.
◆	IsCurrentDir (see page 293)	This is function IsCurrentDir.
◆	IsSingleInstance (see page 293)	This is function IsSingleInstance.
◆	IsValidFilename (see page 293)	This is function IsValidFilename.
◆	Lerp (see page 294)	This is function Lerp.
◆	LineIntersection (see page 294)	This is function LineIntersection.
◆	Pause (see page 294)	This is function Pause.
◆	PointInCircle (see page 295)	This is function PointInCircle.
◆	PointInRectangle (see page 295)	This is function PointInRectangle.
◆	PointInTriangle (see page 295)	This is function PointInTriangle.
◆	Print (see page 295)	This is function Print.
◆	Print (see page 296)	This is function Print.
◆	PrintLn (see page 296)	This is function PrintLn.
◆	PrintLn (see page 296)	This is function PrintLn.
◆	PrintLn (see page 296)	This is function PrintLn.
◆	ProcessMessages (see page 297)	This is function ProcessMessages.
◆	RadiusOverlap (see page 297)	This is function RadiusOverlap.
◆	RandomBool (see page 297)	This is function RandomBool.
◆	RandomRange (see page 297)	This is function RandomRange.
◆	RandomRangef (see page 298)	This is function RandomRangef.
◆	ReadStringFromStream (see page 298)	This is function ReadStringFromStream.
◆	RectangleIntersection (see page 298)	This is function RectangleIntersection.
◆	RectanglesOverlap (see page 298)	This is function RectanglesOverlap.
◆	RemoveDuplicates (see page 299)	This is function RemoveDuplicates.
◆	RemoveDuplicates2 (see page 299)	This is function RemoveDuplicates2.
◆	RemoveQuotes (see page 299)	This is function RemoveQuotes.
◆	RemoveSelfFromUserPath (see page 299)	This is function RemoveSelfFromUserPath.
◆	ResourceExists (see page 300)	This is function ResourceExists.
◆	RunGame (see page 300)	This is function RunGame.
◆	SameSign (see page 300)	This is function SameSign.
◆	SameSignf (see page 300)	This is function SameSignf.
◆	SameVaLue (see page 301)	This is function SameVaLue.
◆	SameVaLuef (see page 301)	This is function SameVaLuef.
◆	SetEnvVarValue (see page 301)	This is function SetEnvVarValue.
◆	SetGlobalEnvironment (see page 301)	This is function SetGlobalEnvironment.
◆	SetRandomSeed (see page 302)	This is function SetRandomSeed.

◆	ShellOpen (see page 302)	This is function ShellOpen.
◆	SmoothMove (see page 302)	This is function SmoothMove.
◆	UnitToScalarValue (see page 303)	This is function UnitToScalarValue.
◆	WaitForAnyKey (see page 303)	This is function WaitForAnyKey.
◆	WasRunFromConsole (see page 303)	This is function WasRunFromConsole.
◆	WriteStringToStream (see page 303)	This is function WriteStringToStream.

1.3.1 AddSelfToUserPath

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AddSelfToUserPath(  
    var aUserPath: string  
): Boolean;
```

Description

This is function AddSelfToUserPath.

1.3.2 AngleCos

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AngleCos(  
    const aAngle: Cardinal  
): Single;
```

Description

This is function AngleCos.

1.3.3 AngleDiff

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AngleDiff(  
    const aSrcAngle: Single;  
    const aDestAngle: Single  
): Single;
```

Description

This is function AngleDiff.

1.3.4 AngleRotatePos

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure AngleRotatePos(  
    const aAngle: Single;  
    var aX: Single;  
    var aY: Single  
);
```

Description

This is function AngleRotatePos.

1.3.5 AngleSin

File: DelphiGamekit.pas (see page 426)

Delphi

```
function AngleSin(  
    const aAngle: Cardinal  
): Single;
```

Description

This is function AngleSin.

1.3.6 CaptureConsoleOutput

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CaptureConsoleOutput(  
    const aTitle: string;  
    const aCommand: PChar;  
    const aParameters: PChar;  
    const aSender: Pointer;  
    const aEvent: TCaptureConsoleOutputEvent  
): Cardinal;
```

Description

This is function CaptureConsoleOutput.

1.3.7 CircleInRectangle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CircleInRectangle(  
    aCenter: TVector;  
    aRadius: Single;
```

```
    aRect: TRect  
): Boolean;
```

Description

This is function CircleInRectangle.

1.3.8 CirclesOverlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CirclesOverlap(  
    aCenter1: TVector;  
    aRadius1: Single;  
    aCenter2: TVector;  
    aRadius2: Single  
): Boolean;
```

Description

This is function CirclesOverlap.

1.3.9 ClipVaLue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ClipVaLue(  
    var aVaLue: Integer;  
    const aMin: Integer;  
    const aMax: Integer;  
    const aWrap: Boolean  
): Integer;
```

Description

This is function ClipVaLue.

1.3.10 ClipVaLuef

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ClipVaLuef(  
    var aVaLue: Single;  
    const aMin: Single;  
    const aMax: Single;  
    const aWrap: Boolean  
): Single;
```

Description

This is function ClipVaLuef.

1.3.11 CreateDirsInPath

File: DelphiGamekit.pas (see page 426)

Delphi

```
function CreateDirsInPath(  
    const aFilename: string  
): Boolean;
```

Description

This is function CreateDirsInPath.

1.3.12 EasePosition

File: DelphiGamekit.pas (see page 426)

Delphi

```
function EasePosition(  
    aStartPos: Double;  
    aEndPos: Double;  
    aCurrentPos: Double;  
    aEaseType: TEaseType  
): Double;
```

Description

This is function EasePosition.

1.3.13 EaseValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function EaseValue(  
    aCurrentTime: Double;  
    aStartValue: Double;  
    aChangeInValue: Double;  
    aDuration: Double;  
    aEaseType: TEaseType  
): Double;
```

Description

This is function EaseValue.

1.3.14 ExpandRelDirectory

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ExpandRelDirectory(  
    const aBaseDir: string;
```

```
    const aRelDir: string  
  ): string;
```

Description

This is function ExpandRelDirectory.

1.3.15 ExpandRelFilename

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ExpandRelFilename(  
    const aBaseFilename: string;  
    const aRelFilename: string  
): string;
```

Description

This is function ExpandRelFilename.

1.3.16 ExtractRelativeDirectory

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ExtractRelativeDirectory(  
    const aBaseDir: string;  
    const aDestDir: string  
): string;
```

Description

This is function ExtractRelativeDirectory.

1.3.17 ExtractRelativeFilename

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ExtractRelativeFilename(  
    aBaseFilename: string;  
    aDestFilename: string  
): string;
```

Description

This is function ExtractRelativeFilename.

1.3.18 FreeNilObject

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure FreeNilObject(  
    const [ ref ] aObject: TObject  
);
```

Description

This is function FreeNilObject.

1.3.19 GetDirName

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetDirName(  
    const aPath: string  
): string;
```

Description

This is function GetDirName.

1.3.20 GetEnvVarValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetEnvVarValue(  
    const aVarName: string  
): string;
```

Description

This is function GetEnvVarValue.

1.3.21 GetExeBasePath

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetExeBasePath(  
    const aFilename: string  
): string;
```

Description

This is function GetExeBasePath.

1.3.22 GetExePath

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetExePath: string;
```

Description

This is function GetExePath.

1.3.23 GetFileRWops

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetFileRWops(  
    const aFilename: string  
) : PSDL_RWops;
```

Description

This is function GetFileRWops.

1.3.24 GetMemRWops

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetMemRWops(  
    const aMem: Pointer;  
    const aSize: Integer  
) : PSDL_RWops;
```

Description

This is function GetMemRWops.

1.3.25 GetRandomSeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetRandomSeed: Integer;
```

Description

This is function GetRandomSeed.

1.3.26 GetSemVerStr

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetSemVerStr(  
    const aInstance: THandle  
) : string;
```


Description

This is function GetSemVerStr.

1.3.27 GetUUID

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetUUID(  
    const aLowercase: Boolean = True;  
    const aUseSeperator: Boolean = False  
): string;
```

Description

This is function GetUUID.

1.3.28 GetVersionInfo

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetVersionInfo(  
    const aInstance: THandle;  
    const aIdent: string  
): string; overload;
```

Description

This is function GetVersionInfo.

1.3.29 GetVersionInfo

File: DelphiGamekit.pas (see page 426)

Delphi

```
function GetVersionInfo(  
    const aFilename: string;  
    const aIdent: string  
): string; overload;
```

Description

This is function GetVersionInfo.

1.3.30 HasConsoleOutput

File: DelphiGamekit.pas (see page 426)

Delphi

```
function HasConsoleOutput: Boolean;
```

Description

This is function HasConsoleOutput.

1.3.31 HttpGet

File: DelphiGamekit.pas (see page 426)

Delphi

```
function HttpGet(  
    const aURL: string;  
    const aStatus: PString = nil  
): string;
```

Description

This is function HttpGet.

1.3.32 IsCurrentDir

File: DelphiGamekit.pas (see page 426)

Delphi

```
function IsCurrentDir(  
    const aDirName: string  
): Boolean;
```

Description

This is function IsCurrentDir.

1.3.33 IsSingleInstance

File: DelphiGamekit.pas (see page 426)

Delphi

```
function IsSingleInstance(  
    aMutexName: string;  
    aKeepMutex: Boolean = True  
): Boolean;
```

Description

This is function IsSingleInstance.

1.3.34 IsValidFilename

File: DelphiGamekit.pas (see page 426)

Delphi

```
function IsValidFilename(  
    const aFilename: string  
): Boolean;
```

Description

This is function IsValidFilename.

1.3.35 Lerp

File: DelphiGamekit.pas (see page 426)

Delphi

```
function Lerp(  
    const aFrom: Double;  
    const aTo: Double;  
    const aTime: Double  
): Double;
```

Description

This is function Lerp.

1.3.36 LineIntersection

File: DelphiGamekit.pas (see page 426)

Delphi

```
function LineIntersection(  
    aX1: Integer;  
    aY1: Integer;  
    aX2: Integer;  
    aY2: Integer;  
    aX3: Integer;  
    aY3: Integer;  
    aX4: Integer;  
    aY4: Integer;  
    var aX: Integer;  
    var aY: Integer  
): TLineIntersection;
```

Description

This is function LineIntersection.

1.3.37 Pause

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Pause(  
    const aMsg: string = ''  
);
```

Description

This is function Pause.

1.3.38 PointInCircle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PointInCircle(  
    aPoint: TVector;  
    aCenter: TVector;  
    aRadius: Single  
): Boolean;
```

Description

This is function PointInCircle.

1.3.39 PointInRectangle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PointInRectangle(  
    aPoint: TVector;  
    aRect: TRect  
): Boolean;
```

Description

This is function PointInRectangle.

1.3.40 PointInTriangle

File: DelphiGamekit.pas (see page 426)

Delphi

```
function PointInTriangle(  
    aPoint: TVector;  
    aP1: TVector;  
    aP2: TVector;  
    aP3: TVector  
): Boolean;
```

Description

This is function PointInTriangle.

1.3.41 Print

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Print(  
    const aMsg: string  
); overload;
```

Description

This is function Print.

1.3.42 Print

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure Print(  
    const aMsg: string;  
    const aArgs: array of const  
); overload;
```

Description

This is function Print.

1.3.43 PrintLn

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PrintLn; overload;
```

Description

This is function PrintLn.

1.3.44 PrintLn

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PrintLn(  
    const aMsg: string  
); overload;
```

Description

This is function PrintLn.

1.3.45 PrintLn

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure PrintLn(  
    const aMsg: string;  
    const aArgs: array of const  
); overload;
```

Description

This is function PrintLn.

1.3.46 ProcessMessages

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ProcessMessages;
```

Description

This is function ProcessMessages.

1.3.47 RadiusOverlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RadiusOverlap(  
    aRadius1: Single;  
    aX1: Single;  
    aY1: Single;  
    aRadius2: Single;  
    aX2: Single;  
    aY2: Single;  
    aShrinkFactor: Single  
): Boolean;
```

Description

This is function RadiusOverlap.

1.3.48 RandomBool

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RandomBool: Boolean;
```

Description

This is function RandomBool.

1.3.49 RandomRange

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RandomRange(  
    const aMin: Integer;  
    const aMax: Integer
```

```
) : Integer;
```

Description

This is function RandomRange.

1.3.50 RandomRange

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RandomRange(  
    const aMin: Single;  
    const aMax: Single  
): Single;
```

Description

This is function RandomRange.

1.3.51 ReadStringFromStream

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ReadStringFromStream(  
    const aStream: TStream  
): string;
```

Description

This is function ReadStringFromStream.

1.3.52 RectangleIntersection

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RectangleIntersection(  
    aRect1: TRect;  
    aRect2: TRect  
): TRect;
```

Description

This is function RectangleIntersection.

1.3.53 RectanglesOverlap

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RectanglesOverlap(  
    aRect1: TRect;
```

```
    aRect2: TRect  
): Boolean;
```

Description

This is function RectanglesOverlap.

1.3.54 RemoveDuplicates

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RemoveDuplicates(  
    const aText: string  
): string;
```

Description

This is function RemoveDuplicates.

1.3.55 RemoveDuplicates2

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RemoveDuplicates2(  
    const aText: string  
): string;
```

Description

This is function RemoveDuplicates2.

1.3.56 RemoveQuotes

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RemoveQuotes(  
    const aText: string  
): string;
```

Description

This is function RemoveQuotes.

1.3.57 RemoveSelfFromUserPath

File: DelphiGamekit.pas (see page 426)

Delphi

```
function RemoveSelfFromUserPath(  
    var aUserPath: string  
): Boolean;
```


Description

This is function RemoveSelfFromUserPath.

1.3.58 ResourceExists

File: DelphiGamekit.pas (see page 426)

Delphi

```
function ResourceExists(  
    aInstance: THandle;  
    const aResName: string  
): Boolean;
```

Description

This is function ResourceExists.

1.3.59 RunGame

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure RunGame(  
    const aGame: TGameClass  
);
```

Description

This is function RunGame.

1.3.60 SameSign

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SameSign(  
    const aValue1: Integer;  
    const aValue2: Integer  
): Boolean;
```

Description

This is function SameSign.

1.3.61 SameSignf

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SameSignf(  
    const aValue1: Single;  
    const aValue2: Single
```

```
) : Boolean;
```

Description

This is function SameSignf.

1.3.62 SameVaLue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SameVaLue(  
    const aA: Double;  
    const aB: Double;  
    const aEpsilon: Double = 0  
): Boolean;
```

Description

This is function SameVaLue.

1.3.63 SameVaLuef

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SameVaLuef(  
    const aA: Single;  
    const aB: Single;  
    const aEpsilon: Single = 0  
): Boolean;
```

Description

This is function SameVaLuef.

1.3.64 SetEnvVarValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SetEnvVarValue(  
    const aVarName: string;  
    const aVarValue: string  
): Integer;
```

Description

This is function SetEnvVarValue.

1.3.65 SetGlobalEnvironment

File: DelphiGamekit.pas (see page 426)

Delphi

```
function SetGlobalEnvironment(  
    const aName: string;  
    const aValue: string;  
    const aUser: Boolean = True  
): Boolean;
```

Description

This is function SetGlobalEnvironment.

1.3.66 SetRandomSeed

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SetRandomSeed(  
    const aValue: Integer  
);
```

Description

This is function SetRandomSeed.

1.3.67 ShellOpen

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure ShellOpen(  
    const aFilename: string  
);
```

Description

This is function ShellOpen.

1.3.68 SmoothMove

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure SmoothMove(  
    var aValue: Single;  
    const aAmount: Single;  
    const aMax: Single;  
    const aDrag: Single  
);
```

Description

This is function SmoothMove.

1.3.69 UnitToScalarValue

File: DelphiGamekit.pas (see page 426)

Delphi

```
function UnitToScalarValue(  
    const aValue: Double;  
    const aMaxValue: Double  
): Double;
```

Description

This is function UnitToScalarValue.

1.3.70 WaitForAnyKey

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure WaitForAnyKey;
```

Description

This is function WaitForAnyKey.

1.3.71 WasRunFromConsole

File: DelphiGamekit.pas (see page 426)

Delphi

```
function WasRunFromConsole: Boolean;
```

Description

This is function WasRunFromConsole.

1.3.72 WriteStringToStream

File: DelphiGamekit.pas (see page 426)

Delphi

```
procedure WriteStringToStream(  
    const aStream: TStream;  
    const aStr: string  
);
```















Description

This is function WriteStringToStream.


1.4 Structs, Records, Enums

The following table lists structs, records, enums in this documentation.

Enumerations

	TAudioFading (see page 304)	This is record TAudioFading.
	TBlendMode (see page 305)	This is record TBlendMode.
	TEaseType (see page 305)	This is record TEaseType.
	TFlipMode (see page 306)	This is record TFlipMode.
	THAlign (see page 306)	This is record THAlign.
	TInputDevice (see page 306)	This is record TInputDevice.
	TLineIntersection (see page 306)	This is record TLineIntersection.
	TLuaTable (see page 307)	This is record TLuaTable.
	TLuaType (see page 307)	This is record TLuaType.
	TLuaValueType (see page 307)	This is record TLuaValueType.
	TSpeechVoiceAttribute (see page 308)	This is record TSpeechVoiceAttribute.
	TTextureAccess (see page 308)	This is record TTextureAccess.
	TVAlign (see page 308)	This is record TVAlign.
	TVideoStatus (see page 308)	This is record TVideoStatus.

Records

	TActorMessage (see page 304)	This is record TActorMessage.
---	-------------------------------	-------------------------------

1.4.1 TActorMessage

File: DelphiGamekit.pas (see page 426)

Delphi

```
TActorMessage = record
  Id: Integer;
  Data: Pointer;
  DataSize: Cardinal;
end;
```

Description

This is record TActorMessage.

1.4.2 TAudioFading

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAudioFading = (
  afNone = 0,
  afOut = 1,
  afIn = 2
);
```

Description

This is record TAudioFading.

1.4.3 TBlendMode

File: DelphiGamekit.pas (see page 426)

Delphi

```
TBlendMode = (  
    bmNone = 0,  
    bmBlend = 1,  
    bmAdd = 2,  
    bmMod = 4,  
    bmMul = 8,  
    bmInvalid = 2147483647  
);
```

Description

This is record TBlendMode.

1.4.4 TEaseType

File: DelphiGamekit.pas (see page 426)

Delphi

```
TEaseType = (  
    etLinearTween,  
    etInQuad,  
    etOutQuad,  
    etInOutQuad,  
    etInCubic,  
    etOutCubic,  
    etInOutCubic,  
    etInQuart,  
    etOutQuart,  
    etInOutQuart,  
    etInQuint,  
    etOutQuint,  
    etInOutQuint,  
    etInSine,  
    etOutSine,  
    etInOutSine,  
    etInExpo,  
    etOutExpo,  
    etInOutExpo,  
    etInCircle,  
    etOutCircle,  
    etInOutCircle  
);
```

Description

This is record TEaseType.

1.4.5 TFlipMode

File: DelphiGamekit.pas (see page 426)

Delphi

```
TFlipMode = (  
    fmNone = 0,  
    fmHorizontal = 1,  
    fmVertical = 2  
);
```

Description

This is record TFlipMode.

1.4.6 THAlign

File: DelphiGamekit.pas (see page 426)

Delphi

```
THAlign = (  
    haLeft,  
    haCenter,  
    haRight  
);
```

Description

This is record THAlign.

1.4.7 TInputDevice

File: DelphiGamekit.pas (see page 426)

Delphi

```
TInputDevice = (  
    idKeyboard,  
    idMouse,  
    idJoystick  
);
```

Description

This is record TInputDevice.

1.4.8 TLineIntersection

File: DelphiGamekit.pas (see page 426)

Delphi

```
TLineIntersection = (  
    liNone,  
    liTrue,
```

```
    liParallel  
);
```

Description

This is record TLineIntersection.

1.4.9 TLuaTable

File: DelphiGamekit.pas (see page 426)

Delphi

```
    TLuaTable = (  
        LuaTable  
    );
```

Description

This is record TLuaTable.

1.4.10 TLuaType

File: DelphiGamekit.pas (see page 426)

Delphi

```
    TLuaType = (  
        ltNone = -1,  
        ltNil = 0,  
        ltBoolean = 1,  
        ltLightUserData = 2,  
        ltNumber = 3,  
        ltString = 4,  
        ltTable = 5,  
        ltFunction = 6,  
        ltUserData = 7,  
        ltThread = 8  
    );
```

Description

This is record TLuaType.

1.4.11 TLuaValueType

File: DelphiGamekit.pas (see page 426)

Delphi

```
    TLuaValueType = (  
        vtInteger,  
        vtDouble,  
        vtString,  
        vtTable,  
        vtPointer,  
        vtBoolean  
    );
```

Description

This is record TLuaValueType.

1.4.12 TSpeechVoiceAttribute

File: DelphiGamekit.pas (see page 426)

Delphi

```
TSpeechVoiceAttribute = (  
    svaDescription,  
    svaName,  
    svaVendor,  
    svaAge,  
    svaGender,  
    svaLanguage,  
    svaId  
);
```

Description

This is record TSpeechVoiceAttribute.

1.4.13 TTextureAccess

File: DelphiGamekit.pas (see page 426)

Delphi

```
TTextureAccess = (  
    taStatic = 0,  
    taStreaming = 1,  
    taTarget = 2  
);
```

Description

This is record TTextureAccess.

1.4.14 TVAlign

File: DelphiGamekit.pas (see page 426)

Delphi

```
TVAlign = (  
    vaTop,  
    vaCenter,  
    vaBottom  
);
```

Description

This is record TVAlign.

1.4.15 TVideoStatus

File: DelphiGamekit.pas (see page 426)

Delphi

```

TVideoStatus = (
  vsStopped = 0,
  vsPlaying = 1,
  vsPaused = 2
);

```

Description

This is record TVideoStatus.

1.5 Types

The following table lists types in this documentation.

Types

PActorMessage (see page 309)	This is type PActorMessage.
PColor (see page 309)	This is type PColor.
PPoint (see page 310)	This is type PPoint.
PRange (see page 310)	This is type PRange.
PRect (see page 310)	This is type PRect.
PTransform (see page 310)	This is type PTransform.
PVector (see page 311)	This is type PVector.
PVideo (see page 311)	This is type PVideo.
TActorAttributeSet (see page 311)	This is type TActorAttributeSet.
TActorSceneEvent (see page 311)	This is type TActorSceneEvent.
TAsyncProc (see page 311)	This is type TAsyncProc.
TCaptureConsoleOutputEvent (see page 312)	This is type TCaptureConsoleOutputEvent.
TCmdConsoleActionEvent (see page 312)	This is type TCmdConsoleActionEvent.
TGameClass (see page 312)	This is type TGameClass.
TLuaFunction (see page 312)	This is type TLuaFunction.
TMusic (see page 313)	This is type TMusic.
TSound (see page 313)	This is type TSound.

1.5.1 PActorMessage

File: DelphiGamekit.pas (see page 426)

Delphi

```

PActorMessage = ^TActorMessage;

```

Description

This is type PActorMessage.

1.5.2 PColor

File: DelphiGamekit.pas (see page 426)

Delphi

```
PColor = ^TColor;
```

Description

This is type PColor.

1.5.3 PPoint

File: DelphiGamekit.pas (see page 426)

Delphi

```
PPoint = ^TPoint;
```

Description

This is type PPoint.

1.5.4 PRange

File: DelphiGamekit.pas (see page 426)

Delphi

```
PRange = ^TRange;
```

Description

This is type PRange.

1.5.5 PRect

File: DelphiGamekit.pas (see page 426)

Delphi

```
PRect = ^TRect;
```

Description

This is type PRect.

1.5.6 PTransform

File: DelphiGamekit.pas (see page 426)

Delphi

```
PTransform = ^TTransform;
```

Description

This is type PTransform.

1.5.7 PVector

File: DelphiGamekit.pas (see page 426)

Delphi

```
PVector = ^TVector;
```

Description

This is type PVector.

1.5.8 PVideo

File: DelphiGamekit.pas (see page 426)

Delphi

```
PVideo = ^TVideo;
```

Description

This is type PVideo.

1.5.9 TActorAttributeSet

File: DelphiGamekit.pas (see page 426)

Delphi

```
TActorAttributeSet = set of Byte;
```

Description

This is type TActorAttributeSet.

1.5.10 TActorSceneEvent

File: DelphiGamekit.pas (see page 426)

Delphi

```
TActorSceneEvent = procedure (const aSceneNum: Integer) of object;
```

Description

This is type TActorSceneEvent.

1.5.11 TAsyncProc

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAsyncProc = reference to procedure;
```

Description

This is type TAsyncProc.

1.5.12 TCaptureConsoleOutputEvent

File: DelphiGamekit.pas (see page 426)

Delphi

```
TCaptureConsoleOutputEvent = procedure (aSender: Pointer; aLine: string);
```

Description

This is type TCaptureConsoleOutputEvent.

1.5.13 TCmdConsoleActionEvent

File: DelphiGamekit.pas (see page 426)

Delphi

```
TCmdConsoleActionEvent = procedure (const aParams: array of string) of object;
```

Description

This is type TCmdConsoleActionEvent.

1.5.14 TGameClass

File: DelphiGamekit.pas (see page 426)

Delphi

```
TGameClass = class of TGame;
```

Description

This is type TGameClass.

1.5.15 TLuaFunction

File: DelphiGamekit.pas (see page 426)

Delphi

```
TLuaFunction = procedure (aLua: ILuaContext) of object;
```

Description

This is type TLuaFunction.

1.5.16 TMusic

File: DelphiGamekit.pas (see page 426)

Delphi

```
TMusic = PMix_Music;
```

Description

This is type TMusic.

1.5.17 TSound

File: DelphiGamekit.pas (see page 426)

Delphi

```
TSound = PMix_Chunk;
```

Description

This is type TSound.

1.6 Variables

The following table lists variables in this documentation.

Variables

Game (see page 313)	This is variable Game.
Marshaller (see page 313)	This is variable Marshaller.

1.6.1 Game

File: DelphiGamekit.pas (see page 426)

Delphi

```
Game: TGame = nil;
```

Description

This is variable Game.

1.6.2 Marshaller

File: DelphiGamekit.pas (see page 426)

Delphi

```
Marshaller: TMarshaller;
```

Description

This is variable Marshaller.

1.7 Constants

The following table lists constants in this documentation.

Constants

ALICEBLUE (see page 324)	This is constant ALICEBLUE.
ANTIQUEWHITE (see page 324)	This is constant ANTIQUEWHITE.
AQUA (see page 324)	This is constant AQUA.
AQUAMARINE (see page 324)	This is constant AQUAMARINE.
ARCEXT (see page 324)	This is constant ARCEXT.
AUDIO_CHANNEL_DYNAMIC (see page 325)	This is constant AUDIO_CHANNEL_DYNAMIC.
AUDIO_CHANNEL_FADINGIN (see page 325)	This is constant AUDIO_CHANNEL_FADINGIN.
AUDIO_CHANNEL_FADINGOUT (see page 325)	This is constant AUDIO_CHANNEL_FADINGOUT.
AUDIO_CHANNEL_LOOP (see page 325)	This is constant AUDIO_CHANNEL_LOOP.
AUDIO_CHANNEL_MAX (see page 326)	This is constant AUDIO_CHANNEL_MAX.
AUDIO_CHANNEL_NOFADING (see page 326)	This is constant AUDIO_CHANNEL_NOFADING.
AZURE (see page 326)	This is constant AZURE.
BEIGE (see page 326)	This is constant BEIGE.
BISQUE (see page 326)	This is constant BISQUE.
BLACK (see page 327)	This is constant BLACK.
BLANCHEDALMOND (see page 327)	This is constant BLANCHEDALMOND.
BLANK (see page 327)	This is constant BLANK.
BLUE (see page 327)	This is constant BLUE.
BLUEVIOLET (see page 328)	This is constant BLUEVIOLET.
BROWN (see page 328)	This is constant BROWN.
BURLYWOOD (see page 328)	This is constant BURLYWOOD.
BUTTON_LEFT (see page 328)	This is constant BUTTON_LEFT.
BUTTON_MIDDLE (see page 328)	This is constant BUTTON_MIDDLE.
BUTTON_RIGHT (see page 329)	This is constant BUTTON_RIGHT.
BUTTON_X1 (see page 329)	This is constant BUTTON_X1.
BUTTON_X2 (see page 329)	This is constant BUTTON_X2.
CADETBBLUE (see page 329)	This is constant CADETBBLUE.
CHARTREUSE (see page 330)	This is constant CHARTREUSE.
CHOCOLATE (see page 330)	This is constant CHOCOLATE.
COLORKEY (see page 330)	This is constant COLORKEY.
CONTROLLER_AXIS_LEFTX (see page 330)	This is constant CONTROLLER_AXIS_LEFTX.
CONTROLLER_AXIS_LEFTY (see page 330)	This is constant CONTROLLER_AXIS_LEFTY.
CONTROLLER_AXIS_RIGHTX (see page 331)	This is constant CONTROLLER_AXIS_RIGHTX.
CONTROLLER_AXIS_RIGHTY (see page 331)	This is constant CONTROLLER_AXIS_RIGHTY.
CONTROLLER_AXIS_TRIGGERLEFT (see page 331)	This is constant CONTROLLER_AXIS_TRIGGERLEFT.
CONTROLLER_AXIS_TRIGGERRIGHT (see page 331)	This is constant CONTROLLER_AXIS_TRIGGERRIGHT.

CONTROLLER_BUTTON_A (see page 332)	This is constant CONTROLLER_BUTTON_A.
CONTROLLER_BUTTON_B (see page 332)	This is constant CONTROLLER_BUTTON_B.
CONTROLLER_BUTTON_BACK (see page 332)	This is constant CONTROLLER_BUTTON_BACK.
CONTROLLER_BUTTON_DPAD_DOWN (see page 332)	This is constant CONTROLLER_BUTTON_DPAD_DOWN.
CONTROLLER_BUTTON_DPAD_LEFT (see page 332)	This is constant CONTROLLER_BUTTON_DPAD_LEFT.
CONTROLLER_BUTTON_DPAD_RIGHT (see page 333)	This is constant CONTROLLER_BUTTON_DPAD_RIGHT.
CONTROLLER_BUTTON_DPAD_UP (see page 333)	This is constant CONTROLLER_BUTTON_DPAD_UP.
CONTROLLER_BUTTON_GUIDE (see page 333)	This is constant CONTROLLER_BUTTON_GUIDE.
CONTROLLER_BUTTON_LEFTSHOULDER (see page 333)	This is constant CONTROLLER_BUTTON_LEFTSHOULDER.
CONTROLLER_BUTTON_LEFTSTICK (see page 334)	This is constant CONTROLLER_BUTTON_LEFTSTICK.
CONTROLLER_BUTTON_MISC1 (see page 334)	This is constant CONTROLLER_BUTTON_MISC1.
CONTROLLER_BUTTON_PADDLE1 (see page 334)	This is constant CONTROLLER_BUTTON_PADDLE1.
CONTROLLER_BUTTON_PADDLE2 (see page 334)	This is constant CONTROLLER_BUTTON_PADDLE2.
CONTROLLER_BUTTON_PADDLE3 (see page 334)	This is constant CONTROLLER_BUTTON_PADDLE3.
CONTROLLER_BUTTON_PADDLE4 (see page 335)	This is constant CONTROLLER_BUTTON_PADDLE4.
CONTROLLER_BUTTON_RIGHTSHOULDER (see page 335)	This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.
CONTROLLER_BUTTON_RIGHTSTICK (see page 335)	This is constant CONTROLLER_BUTTON_RIGHTSTICK.
CONTROLLER_BUTTON_START (see page 335)	This is constant CONTROLLER_BUTTON_START.
CONTROLLER_BUTTON_TOUCHPAD (see page 336)	This is constant CONTROLLER_BUTTON_TOUCHPAD.
CONTROLLER_BUTTON_X (see page 336)	This is constant CONTROLLER_BUTTON_X.
CONTROLLER_BUTTON_Y (see page 336)	This is constant CONTROLLER_BUTTON_Y.
CORAL (see page 336)	This is constant CORAL.
CORNFLOWERBLUE (see page 336)	This is constant CORNFLOWERBLUE.
CORNSILK (see page 337)	This is constant CORNSILK.
CR (see page 337)	This is constant CR.
CRIMSON (see page 337)	This is constant CRIMSON.
CRLF (see page 337)	This is constant CRLF.
CYAN (see page 338)	This is constant CYAN.
DARKBLUE (see page 338)	This is constant DARKBLUE.
DARKCYAN (see page 338)	This is constant DARKCYAN.
DARKGOLDENROD (see page 338)	This is constant DARKGOLDENROD.
DARKGRAY (see page 338)	This is constant DARKGRAY.
DARKGREEN (see page 339)	This is constant DARKGREEN.
DARKGREY (see page 339)	This is constant DARKGREY.
DARKKHAKI (see page 339)	This is constant DARKKHAKI.
DARKMAGENTA (see page 339)	This is constant DARKMAGENTA.

DARKOLIVEGREEN (see page 340)	This is constant DARKOLIVEGREEN.
DARKORANGE (see page 340)	This is constant DARKORANGE.
DARKORCHID (see page 340)	This is constant DARKORCHID.
DARKRED (see page 340)	This is constant DARKRED.
DARKSALMON (see page 340)	This is constant DARKSALMON.
DARKSEAGREEN (see page 341)	This is constant DARKSEAGREEN.
DARKSLATEBLUE (see page 341)	This is constant DARKSLATEBLUE.
DARKSLATEBROWN (see page 341)	This is constant DARKSLATEBROWN.
DARKSLATEGRAY (see page 341)	This is constant DARKSLATEGRAY.
DARKTURQUOISE (see page 342)	This is constant DARKTURQUOISE.
DARKVIOLET (see page 342)	This is constant DARKVIOLET.
DEEPPINK (see page 342)	This is constant DEEPPINK.
DEEPSKYBLUE (see page 342)	This is constant DEEPSKYBLUE.
DEGTORAD (see page 342)	This is constant DEGTORAD.
DIMGRAY (see page 343)	This is constant DIMGRAY.
DIMWHITE (see page 343)	This is constant DIMWHITE.
DODGERBLUE (see page 343)	This is constant DODGERBLUE.
EPSILON (see page 343)	This is constant EPSILON.
FIREBRICK (see page 344)	This is constant FIREBRICK.
FLORALWHITE (see page 344)	This is constant FLORALWHITE.
FORESTGREEN (see page 344)	This is constant FORESTGREEN.
FUCHSIA (see page 344)	This is constant FUCHSIA.
GAINSBORO (see page 344)	This is constant GAINSBORO.
GHOSTWHITE (see page 345)	This is constant GHOSTWHITE.
GOLD (see page 345)	This is constant GOLD.
GOLDENROD (see page 345)	This is constant GOLDENROD.
GRAY (see page 345)	This is constant GRAY.
GREEN (see page 346)	This is constant GREEN.
GREENYELLOW (see page 346)	This is constant GREENYELLOW.
GREY (see page 346)	This is constant GREY.
HONEYDEW (see page 346)	This is constant HONEYDEW.
HOTPINK (see page 346)	This is constant HOTPINK.
INDIANRED (see page 347)	This is constant INDIANRED.
INDIGO (see page 347)	This is constant INDIGO.
INIEXT (see page 347)	This is constant INIEXT.
IVORY (see page 347)	This is constant IVORY.
KEY_0 (see page 348)	This is constant KEY_0.
KEY_1 (see page 348)	This is constant KEY_1.
KEY_2 (see page 348)	This is constant KEY_2.
KEY_3 (see page 348)	This is constant KEY_3.
KEY_4 (see page 348)	This is constant KEY_4.
KEY_5 (see page 349)	This is constant KEY_5.
KEY_6 (see page 349)	This is constant KEY_6.
KEY_7 (see page 349)	This is constant KEY_7.
KEY_8 (see page 349)	This is constant KEY_8.
KEY_9 (see page 350)	This is constant KEY_9.
KEY_A (see page 350)	This is constant KEY_A.
KEY_AC_BACK (see page 350)	This is constant KEY_AC_BACK.
KEY_AC_BOOKMARKS (see page 350)	This is constant KEY_AC_BOOKMARKS.

KEY_AC_FORWARD (see page 350)	This is constant KEY_AC_FORWARD.
KEY_AC_HOME (see page 351)	This is constant KEY_AC_HOME.
KEY_AC_REFRESH (see page 351)	This is constant KEY_AC_REFRESH.
KEY_AC_SEARCH (see page 351)	This is constant KEY_AC_SEARCH.
KEY_AC_STOP (see page 351)	This is constant KEY_AC_STOP.
KEY_AGAIN (see page 352)	This is constant KEY_AGAIN.
KEY_ALTERASE (see page 352)	This is constant KEY_ALTERASE.
KEY_APOSTROPHE (see page 352)	This is constant KEY_APOSTROPHE.
KEY_APP1 (see page 352)	This is constant KEY_APP1.
KEY_APP2 (see page 352)	This is constant KEY_APP2.
KEY_APPLICATION (see page 353)	This is constant KEY_APPLICATION.
KEY_AUDIOFASTFORWARD (see page 353)	This is constant KEY_AUDIOFASTFORWARD.
KEY_AUDIOMUTE (see page 353)	This is constant KEY_AUDIOMUTE.
KEY_AUDIONEXT (see page 353)	This is constant KEY_AUDIONEXT.
KEY_AUDIOPLAY (see page 354)	This is constant KEY_AUDIOPLAY.
KEY_AUDIOPREV (see page 354)	This is constant KEY_AUDIOPREV.
KEY_AUDIOREWIND (see page 354)	This is constant KEY_AUDIOREWIND.
KEY_AUDIOSTOP (see page 354)	This is constant KEY_AUDIOSTOP.
KEY_B (see page 354)	This is constant KEY_B.
KEY_BACKSLASH (see page 355)	This is constant KEY_BACKSLASH.
KEY_BACKSPACE (see page 355)	This is constant KEY_BACKSPACE.
KEY_BRIGHTNESSDOWN (see page 355)	This is constant KEY_BRIGHTNESSDOWN.
KEY_BRIGHTNESSUP (see page 355)	This is constant KEY_BRIGHTNESSUP.
KEY_C (see page 356)	This is constant KEY_C.
KEY_CALCULATOR (see page 356)	This is constant KEY_CALCULATOR.
KEY_CALL (see page 356)	This is constant KEY_CALL.
KEY_CANCEL (see page 356)	This is constant KEY_CANCEL.
KEY_CAPSLOCK (see page 356)	This is constant KEY_CAPSLOCK.
KEY_CLEAR (see page 357)	This is constant KEY_CLEAR.
KEY_CLEARAGAIN (see page 357)	This is constant KEY_CLEARAGAIN.
KEY_COMMA (see page 357)	This is constant KEY_COMMA.
KEY_COMPUTER (see page 357)	This is constant KEY_COMPUTER.
KEY_COPY (see page 358)	This is constant KEY_COPY.
KEY_CRSEL (see page 358)	This is constant KEY_CRSEL.
KEY_CURRENCYSUBUNIT (see page 358)	This is constant KEY_CURRENCYSUBUNIT.
KEY_CURRENCYUNIT (see page 358)	This is constant KEY_CURRENCYUNIT.
KEY_CUT (see page 358)	This is constant KEY_CUT.
KEY_D (see page 359)	This is constant KEY_D.
KEY_DECIMALSEPARATOR (see page 359)	This is constant KEY_DECIMALSEPARATOR.
KEY_DELETE (see page 359)	This is constant KEY_DELETE.
KEY_DISPLAYSWITCH (see page 359)	This is constant KEY_DISPLAYSWITCH.
KEY_DOWN (see page 360)	This is constant KEY_DOWN.
KEY_E (see page 360)	This is constant KEY_E.
KEY_EJECT (see page 360)	This is constant KEY_EJECT.
KEY_END (see page 360)	This is constant KEY_END.
KEY_ENDCALL (see page 360)	This is constant KEY_ENDCALL.
KEY_EQUALS (see page 361)	This is constant KEY_EQUALS.
KEY_ESCAPE (see page 361)	This is constant KEY_ESCAPE.
KEY_EXECUTE (see page 361)	This is constant KEY_EXECUTE.

KEY_F (see page 361)	This is constant KEY_F.
KEY_F1 (see page 362)	This is constant KEY_F1.
KEY_F10 (see page 362)	This is constant KEY_F10.
KEY_F11 (see page 362)	This is constant KEY_F11.
KEY_F12 (see page 362)	This is constant KEY_F12.
KEY_F13 (see page 362)	This is constant KEY_F13.
KEY_F14 (see page 363)	This is constant KEY_F14.
KEY_F15 (see page 363)	This is constant KEY_F15.
KEY_F16 (see page 363)	This is constant KEY_F16.
KEY_F17 (see page 363)	This is constant KEY_F17.
KEY_F18 (see page 364)	This is constant KEY_F18.
KEY_F19 (see page 364)	This is constant KEY_F19.
KEY_F2 (see page 364)	This is constant KEY_F2.
KEY_F20 (see page 364)	This is constant KEY_F20.
KEY_F21 (see page 364)	This is constant KEY_F21.
KEY_F22 (see page 365)	This is constant KEY_F22.
KEY_F23 (see page 365)	This is constant KEY_F23.
KEY_F24 (see page 365)	This is constant KEY_F24.
KEY_F3 (see page 365)	This is constant KEY_F3.
KEY_F4 (see page 366)	This is constant KEY_F4.
KEY_F5 (see page 366)	This is constant KEY_F5.
KEY_F6 (see page 366)	This is constant KEY_F6.
KEY_F7 (see page 366)	This is constant KEY_F7.
KEY_F8 (see page 366)	This is constant KEY_F8.
KEY_F9 (see page 367)	This is constant KEY_F9.
KEY_FIND (see page 367)	This is constant KEY_FIND.
KEY_G (see page 367)	This is constant KEY_G.
KEY_GRAVE (see page 367)	This is constant KEY_GRAVE.
KEY_H (see page 368)	This is constant KEY_H.
KEY_HELP (see page 368)	This is constant KEY_HELP.
KEY_HOME (see page 368)	This is constant KEY_HOME.
KEY_I (see page 368)	This is constant KEY_I.
KEY_INSERT (see page 368)	This is constant KEY_INSERT.
KEY_INTERNATIONAL1 (see page 369)	This is constant KEY_INTERNATIONAL1.
KEY_INTERNATIONAL2 (see page 369)	This is constant KEY_INTERNATIONAL2.
KEY_INTERNATIONAL3 (see page 369)	This is constant KEY_INTERNATIONAL3.
KEY_INTERNATIONAL4 (see page 369)	This is constant KEY_INTERNATIONAL4.
KEY_INTERNATIONAL5 (see page 370)	This is constant KEY_INTERNATIONAL5.
KEY_INTERNATIONAL6 (see page 370)	This is constant KEY_INTERNATIONAL6.
KEY_INTERNATIONAL7 (see page 370)	This is constant KEY_INTERNATIONAL7.
KEY_INTERNATIONAL8 (see page 370)	This is constant KEY_INTERNATIONAL8.
KEY_INTERNATIONAL9 (see page 370)	This is constant KEY_INTERNATIONAL9.
KEY_J (see page 371)	This is constant KEY_J.
KEY_K (see page 371)	This is constant KEY_K.
KEY_KBDILLUMDOWN (see page 371)	This is constant KEY_KBDILLUMDOWN.
KEY_KBDILLUMTOGGLE (see page 371)	This is constant KEY_KBDILLUMTOGGLE.
KEY_KBDILLUMUP (see page 372)	This is constant KEY_KBDILLUMUP.
KEY_KP_0 (see page 372)	This is constant KEY_KP_0.
KEY_KP_00 (see page 372)	This is constant KEY_KP_00.

KEY_KP_000 (see page 372)	This is constant KEY_KP_000.
KEY_KP_1 (see page 372)	This is constant KEY_KP_1.
KEY_KP_2 (see page 373)	This is constant KEY_KP_2.
KEY_KP_3 (see page 373)	This is constant KEY_KP_3.
KEY_KP_4 (see page 373)	This is constant KEY_KP_4.
KEY_KP_5 (see page 373)	This is constant KEY_KP_5.
KEY_KP_6 (see page 374)	This is constant KEY_KP_6.
KEY_KP_7 (see page 374)	This is constant KEY_KP_7.
KEY_KP_8 (see page 374)	This is constant KEY_KP_8.
KEY_KP_9 (see page 374)	This is constant KEY_KP_9.
KEY_KP_A (see page 374)	This is constant KEY_KP_A.
KEY_KP_AMPERSAND (see page 375)	This is constant KEY_KP_AMPERSAND.
KEY_KP_AT (see page 375)	This is constant KEY_KP_AT.
KEY_KP_B (see page 375)	This is constant KEY_KP_B.
KEY_KP_BACKSPACE (see page 375)	This is constant KEY_KP_BACKSPACE.
KEY_KP_BINARY (see page 376)	This is constant KEY_KP_BINARY.
KEY_KP_C (see page 376)	This is constant KEY_KP_C.
KEY_KP_CLEAR (see page 376)	This is constant KEY_KP_CLEAR.
KEY_KP_CLEARENTRY (see page 376)	This is constant KEY_KP_CLEARENTRY.
KEY_KP_COLON (see page 376)	This is constant KEY_KP_COLON.
KEY_KP_COMMA (see page 377)	This is constant KEY_KP_COMMA.
KEY_KP_D (see page 377)	This is constant KEY_KP_D.
KEY_KP_DBLAMPERSAND (see page 377)	This is constant KEY_KP_DBLAMPERSAND.
KEY_KP_DBLVERTICALBAR (see page 377)	This is constant KEY_KP_DBLVERTICALBAR.
KEY_KP_DECIMAL (see page 378)	This is constant KEY_KP_DECIMAL.
KEY_KP_DIVIDE (see page 378)	This is constant KEY_KP_DIVIDE.
KEY_KP_E (see page 378)	This is constant KEY_KP_E.
KEY_KP_ENTER (see page 378)	This is constant KEY_KP_ENTER.
KEY_KP_EQUALS (see page 378)	This is constant KEY_KP_EQUALS.
KEY_KP_EQUALSAS400 (see page 379)	This is constant KEY_KP_EQUALSAS400.
KEY_KP_EXCLAM (see page 379)	This is constant KEY_KP_EXCLAM.
KEY_KP_F (see page 379)	This is constant KEY_KP_F.
KEY_KP_GREATER (see page 379)	This is constant KEY_KP_GREATER.
KEY_KP_HASH (see page 380)	This is constant KEY_KP_HASH.
KEY_KP_HEXADECEIMAL (see page 380)	This is constant KEY_KP_HEXADECEIMAL.
KEY_KP_LEFTBRACE (see page 380)	This is constant KEY_KP_LEFTBRACE.
KEY_KP_LEFTPAREN (see page 380)	This is constant KEY_KP_LEFTPAREN.
KEY_KP_LESS (see page 380)	This is constant KEY_KP_LESS.
KEY_KP_MEMADD (see page 381)	This is constant KEY_KP_MEMADD.
KEY_KP_MEMCLEAR (see page 381)	This is constant KEY_KP_MEMCLEAR.
KEY_KP_MEMDIVIDE (see page 381)	This is constant KEY_KP_MEMDIVIDE.
KEY_KP_MEMMULTIPLY (see page 381)	This is constant KEY_KP_MEMMULTIPLY.
KEY_KP_MEMRECALL (see page 382)	This is constant KEY_KP_MEMRECALL.
KEY_KP_MEMSTORE (see page 382)	This is constant KEY_KP_MEMSTORE.
KEY_KP_MEMSUBTRACT (see page 382)	This is constant KEY_KP_MEMSUBTRACT.
KEY_KP_MINUS (see page 382)	This is constant KEY_KP_MINUS.
KEY_KP_MULTIPLY (see page 382)	This is constant KEY_KP_MULTIPLY.
KEY_KP_OCTAL (see page 383)	This is constant KEY_KP_OCTAL.
KEY_KP_PERCENT (see page 383)	This is constant KEY_KP_PERCENT.

KEY_KP_PERIOD (see page 383)	This is constant KEY_KP_PERIOD.
KEY_KP_PLUS (see page 383)	This is constant KEY_KP_PLUS.
KEY_KP_PLUSMINUS (see page 384)	This is constant KEY_KP_PLUSMINUS.
KEY_KP_POWER (see page 384)	This is constant KEY_KP_POWER.
KEY_KP_RIGHTBRACE (see page 384)	This is constant KEY_KP_RIGHTBRACE.
KEY_KP_RIGHTPAREN (see page 384)	This is constant KEY_KP_RIGHTPAREN.
KEY_KP_SPACE (see page 384)	This is constant KEY_KP_SPACE.
KEY_KP_TAB (see page 385)	This is constant KEY_KP_TAB.
KEY_KP_VERTICALBAR (see page 385)	This is constant KEY_KP_VERTICALBAR.
KEY_KP_XOR (see page 385)	This is constant KEY_KP_XOR.
KEY_L (see page 385)	This is constant KEY_L.
KEY_LALT (see page 386)	This is constant KEY_LALT.
KEY_LANG1 (see page 386)	This is constant KEY_LANG1.
KEY_LANG2 (see page 386)	This is constant KEY_LANG2.
KEY_LANG3 (see page 386)	This is constant KEY_LANG3.
KEY_LANG4 (see page 386)	This is constant KEY_LANG4.
KEY_LANG5 (see page 387)	This is constant KEY_LANG5.
KEY_LANG6 (see page 387)	This is constant KEY_LANG6.
KEY_LANG7 (see page 387)	This is constant KEY_LANG7.
KEY_LANG8 (see page 387)	This is constant KEY_LANG8.
KEY_LANG9 (see page 388)	This is constant KEY_LANG9.
KEY_LCTRL (see page 388)	This is constant KEY_LCTRL.
KEY_LEFT (see page 388)	This is constant KEY_LEFT.
KEY_LEFTBRACKET (see page 388)	This is constant KEY_LEFTBRACKET.
KEY_LGUI (see page 388)	This is constant KEY_LGUI.
KEY_LSHIFT (see page 389)	This is constant KEY_LSHIFT.
KEY_M (see page 389)	This is constant KEY_M.
KEY_MAIL (see page 389)	This is constant KEY_MAIL.
KEY_MEDIASELECT (see page 389)	This is constant KEY_MEDIASELECT.
KEY_MENU (see page 390)	This is constant KEY_MENU.
KEY_MINUS (see page 390)	This is constant KEY_MINUS.
KEY_MODE (see page 390)	This is constant KEY_MODE.
KEY_MUTE (see page 390)	This is constant KEY_MUTE.
KEY_N (see page 390)	This is constant KEY_N.
KEY_NONUSBACKSLASH (see page 391)	This is constant KEY_NONUSBACKSLASH.
KEY_NONUSHASH (see page 391)	This is constant KEY_NONUSHASH.
KEY_NUMLOCKCLEAR (see page 391)	This is constant KEY_NUMLOCKCLEAR.
KEY_O (see page 391)	This is constant KEY_O.
KEY_OPER (see page 392)	This is constant KEY_OPER.
KEY_OUT (see page 392)	This is constant KEY_OUT.
KEY_P (see page 392)	This is constant KEY_P.
KEY_PAGEDOWN (see page 392)	This is constant KEY_PAGEDOWN.
KEY_PAGEUP (see page 392)	This is constant KEY_PAGEUP.
KEY_PASTE (see page 393)	This is constant KEY_PASTE.
KEY_PAUSE (see page 393)	This is constant KEY_PAUSE.
KEY_PERIOD (see page 393)	This is constant KEY_PERIOD.
KEY_POWER (see page 393)	This is constant KEY_POWER.
KEY_PRINTSCREEN (see page 394)	This is constant KEY_PRINTSCREEN.
KEY_PRIOR (see page 394)	This is constant KEY_PRIOR.

KEY_Q (see page 394)	This is constant KEY_Q.
KEY_R (see page 394)	This is constant KEY_R.
KEY_RALT (see page 394)	This is constant KEY_RALT.
KEY_RCTRL (see page 395)	This is constant KEY_RCTRL.
KEY_RETURN (see page 395)	This is constant KEY_RETURN.
KEY_RETURN2 (see page 395)	This is constant KEY_RETURN2.
KEY_RGUI (see page 395)	This is constant KEY_RGUI.
KEY_RIGHT (see page 396)	This is constant KEY_RIGHT.
KEY_RIGHTBRACKET (see page 396)	This is constant KEY_RIGHTBRACKET.
KEY_RSHIFT (see page 396)	This is constant KEY_RSHIFT.
KEY_S (see page 396)	This is constant KEY_S.
KEY_SCROLLLOCK (see page 396)	This is constant KEY_SCROLLLOCK.
KEY_SELECT (see page 397)	This is constant KEY_SELECT.
KEY_SEMICOLON (see page 397)	This is constant KEY_SEMICOLON.
KEY_SEPARATOR (see page 397)	This is constant KEY_SEPARATOR.
KEY_SLASH (see page 397)	This is constant KEY_SLASH.
KEY_SLEEP (see page 398)	This is constant KEY_SLEEP.
KEY_SOFTLEFT (see page 398)	This is constant KEY_SOFTLEFT.
KEY_SOFTRIGHT (see page 398)	This is constant KEY_SOFTRIGHT.
KEY_SPACE (see page 398)	This is constant KEY_SPACE.
KEY_STOP (see page 398)	This is constant KEY_STOP.
KEY_SYSREQ (see page 399)	This is constant KEY_SYSREQ.
KEY_T (see page 399)	This is constant KEY_T.
KEY_TAB (see page 399)	This is constant KEY_TAB.
KEY_THOUSANDSSEPARATOR (see page 399)	This is constant KEY_THOUSANDSSEPARATOR.
KEY_U (see page 400)	This is constant KEY_U.
KEY_UNDO (see page 400)	This is constant KEY_UNDO.
KEY_UP (see page 400)	This is constant KEY_UP.
KEY_V (see page 400)	This is constant KEY_V.
KEY_VOLUMEDOWN (see page 400)	This is constant KEY_VOLUMEDOWN.
KEY_VOLUMEUP (see page 401)	This is constant KEY_VOLUMEUP.
KEY_W (see page 401)	This is constant KEY_W.
KEY_WWW (see page 401)	This is constant KEY_WWW.
KEY_X (see page 401)	This is constant KEY_X.
KEY_Y (see page 402)	This is constant KEY_Y.
KEY_Z (see page 402)	This is constant KEY_Z.
KHAKI (see page 402)	This is constant KHAKI.
LAVENDER (see page 402)	This is constant LAVENDER.
LAVENDERBLUSH (see page 402)	This is constant LAVENDERBLUSH.
LAWNGREEN (see page 403)	This is constant LAWNGREEN.
LEMONCHIFFON (see page 403)	This is constant LEMONCHIFFON.
LF (see page 403)	This is constant LF.
LIGHTBLUE (see page 403)	This is constant LIGHTBLUE.
LIGHTCORAL (see page 404)	This is constant LIGHTCORAL.
LIGHTCYAN (see page 404)	This is constant LIGHTCYAN.
LIGHTGOLDENRODYELLOW (see page 404)	This is constant LIGHTGOLDENRODYELLOW.
LIGHTGRAY (see page 404)	This is constant LIGHTGRAY.
LIGHTGREEN (see page 404)	This is constant LIGHTGREEN.

LIGHTGREY (see page 405)	This is constant LIGHTGREY.
LIGHTPINK (see page 405)	This is constant LIGHTPINK.
LIGHTSALMON (see page 405)	This is constant LIGHTSALMON.
LIGHTSEAGREEN (see page 405)	This is constant LIGHTSEAGREEN.
LIGHTSKYBLUE (see page 406)	This is constant LIGHTSKYBLUE.
LIGHTSLATEGRAY (see page 406)	This is constant LIGHTSLATEGRAY.
LIGHTSLATEGREY (see page 406)	This is constant LIGHTSLATEGREY.
LIGHTSTEELBLUE (see page 406)	This is constant LIGHTSTEELBLUE.
LIGHTYELLOW (see page 406)	This is constant LIGHTYELLOW.
LIME (see page 407)	This is constant LIME.
LIMEGREEN (see page 407)	This is constant LIMEGREEN.
LINEN (see page 407)	This is constant LINEN.
LOGEXT (see page 407)	This is constant LOGEXT.
LUACEXT (see page 408)	This is constant LUACEXT.
LUAEXT (see page 408)	This is constant LUAEXT.
LuSCANCODE_EXSEL (see page 408)	This is constant LuSCANCODE_EXSEL.
MAGENTA (see page 408)	This is constant MAGENTA.
MAROON (see page 408)	This is constant MAROON.
MEDIUMAQUAMARINE (see page 409)	This is constant MEDIUMAQUAMARINE.
MEDIUMBLUE (see page 409)	This is constant MEDIUMBLUE.
MEDIUMORCHID (see page 409)	This is constant MEDIUMORCHID.
MEDIUMPURPLE (see page 409)	This is constant MEDIUMPURPLE.
MEDIUMSEAGREEN (see page 410)	This is constant MEDIUMSEAGREEN.
MEDIUMSLATEBLUE (see page 410)	This is constant MEDIUMSLATEBLUE.
MEDIUMSPRINGGREEN (see page 410)	This is constant MEDIUMSPRINGGREEN.
MEDIUMTURQUOISE (see page 410)	This is constant MEDIUMTURQUOISE.
MEDIUMVIOLETRED (see page 410)	This is constant MEDIUMVIOLETRED.
MIDNIGHTBLUE (see page 411)	This is constant MIDNIGHTBLUE.
MINTCREAM (see page 411)	This is constant MINTCREAM.
MISTYROSE (see page 411)	This is constant MISTYROSE.
MOCCASIN (see page 411)	This is constant MOCCASIN.
MPGEXT (see page 412)	This is constant MPGEXT.
NAN (see page 412)	This is constant NAN.
NAVAJOWHITE (see page 412)	This is constant NAVAJOWHITE.
NAVY (see page 412)	This is constant NAVY.
OGGEXT (see page 412)	This is constant OGGEXT.
OLDLACE (see page 413)	This is constant OLDLACE.
OLIVE (see page 413)	This is constant OLIVE.
OLIVEDRAB (see page 413)	This is constant OLIVEDRAB.
ORANGE (see page 413)	This is constant ORANGE.
ORANGERED (see page 414)	This is constant ORANGERED.
ORCHID (see page 414)	This is constant ORCHID.
OVERLAY1 (see page 414)	This is constant OVERLAY1.
OVERLAY2 (see page 414)	This is constant OVERLAY2.
PALEGOLDENROD (see page 414)	This is constant PALEGOLDENROD.
PALEGREEN (see page 415)	This is constant PALEGREEN.
PALETURQUOISE (see page 415)	This is constant PALETURQUOISE.
PALEVIOLETRED (see page 415)	This is constant PALEVIOLETRED.
PAPAYAWHIP (see page 415)	This is constant PAPAYAWHIP.

PEACHPUFF (see page 416)	This is constant PEACHPUFF.
PERU (see page 416)	This is constant PERU.
PINK (see page 416)	This is constant PINK.
PLUM (see page 416)	This is constant PLUM.
PNGEXT (see page 416)	This is constant PNGEXT.
POWDERBLUE (see page 417)	This is constant POWDERBLUE.
PURPLE (see page 417)	This is constant PURPLE.
RADTODEG (see page 417)	This is constant RADTODEG.
REBECCAPURPLE (see page 417)	This is constant REBECCAPURPLE.
RED (see page 418)	This is constant RED.
RED2 (see page 418)	This is constant RED2.
ROSYBROWN (see page 418)	This is constant ROSYBROWN.
ROYALBLUE (see page 418)	This is constant ROYALBLUE.
SADDLEBROWN (see page 418)	This is constant SADDLEBROWN.
SALMON (see page 419)	This is constant SALMON.
SANDYBROWN (see page 419)	This is constant SANDYBROWN.
SEAGREEN (see page 419)	This is constant SEAGREEN.
SEASHELL (see page 419)	This is constant SEASHELL.
SIENNA (see page 420)	This is constant SIENNA.
SILVER (see page 420)	This is constant SILVER.
SKYBLUE (see page 420)	This is constant SKYBLUE.
SLATEBLUE (see page 420)	This is constant SLATEBLUE.
SLATEGRAY (see page 420)	This is constant SLATEGRAY.
SLATEGREY (see page 421)	This is constant SLATEGREY.
SNOW (see page 421)	This is constant SNOW.
SPRINGGREEN (see page 421)	This is constant SPRINGGREEN.
STEELBLUE (see page 421)	This is constant STEELBLUE.
TAN (see page 422)	This is constant TAN.
TEAL (see page 422)	This is constant TEAL.
TEXTINPUT_MAXLEN (see page 422)	This is constant TEXTINPUT_MAXLEN.
THISTLE (see page 422)	This is constant THISTLE.
TIMER_FIXEDUPDATE_SPEED (see page 422)	This is constant TIMER_FIXEDUPDATE_SPEED.
TIMER_UPDATE_SPEED (see page 423)	This is constant TIMER_UPDATE_SPEED.
TOMATO (see page 423)	This is constant TOMATO.
TURQUOISE (see page 423)	This is constant TURQUOISE.
VERSION_MAJOR (see page 423)	This is constant VERSION_MAJOR.
VERSION_MINOR (see page 424)	This is constant VERSION_MINOR.
VERSION_PATCH (see page 424)	This is constant VERSION_PATCH.
VIDEO_SAMPLEBUFFERSIZE (see page 424)	This is constant VIDEO_SAMPLEBUFFERSIZE.
VIOLET (see page 424)	This is constant VIOLET.
WHEAT (see page 424)	This is constant WHEAT.
WHITE (see page 425)	This is constant WHITE.
WHITE2 (see page 425)	This is constant WHITE2.
WHITESMOKE (see page 425)	This is constant WHITESMOKE.
WINDOW_HEIGHT (see page 425)	This is constant WINDOW_HEIGHT.
WINDOW_WIDTH (see page 426)	This is constant WINDOW_WIDTH.
YELLOW (see page 426)	This is constant YELLOW.
YELLOWGREEN (see page 426)	This is constant YELLOWGREEN.

1.7.1 ALICEBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
ALICEBLUE: TColor = (Red:$F0; Green:$F8; BLue:$FF; Alpha:$FF);
```

Description

This is constant ALICEBLUE.

1.7.2 ANTIQUEWHITE

File: DelphiGamekit.pas (see page 426)

Delphi

```
ANTIQUWHITE: TColor = (Red:$FA; Green:$EB; BLue:$D7; Alpha:$FF);
```

Description

This is constant ANTIQUEWHITE.

1.7.3 AQUA

File: DelphiGamekit.pas (see page 426)

Delphi

```
AQUA: TColor = (Red:$00; Green:$FF; BLue:$FF; Alpha:$FF);
```

Description

This is constant AQUA.

1.7.4 AQUAMARINE

File: DelphiGamekit.pas (see page 426)

Delphi

```
AQUAMARINE: TColor = (Red:$7F; Green:$FF; BLue:$D4; Alpha:$FF);
```

Description

This is constant AQUAMARINE.

1.7.5 ARCEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
ARCEXT = 'arc';
```

Description

This is constant ARCEXT.

1.7.6 AUDIO_CHANNEL_DYNAMIC

File: DelphiGamekit.pas (see page 426)

Delphi

```
AUDIO_CHANNEL_DYNAMIC = -1;
```

Description

This is constant AUDIO_CHANNEL_DYNAMIC.

1.7.7 AUDIO_CHANNEL_FADINGIN

File: DelphiGamekit.pas (see page 426)

Delphi

```
AUDIO_CHANNEL_FADINGIN = 2;
```

Description

This is constant AUDIO_CHANNEL_FADINGIN.

1.7.8 AUDIO_CHANNEL_FADINGOUT

File: DelphiGamekit.pas (see page 426)

Delphi

```
AUDIO_CHANNEL_FADINGOUT = 1;
```

Description

This is constant AUDIO_CHANNEL_FADINGOUT.

1.7.9 AUDIO_CHANNEL_LOOP

File: DelphiGamekit.pas (see page 426)

Delphi

```
AUDIO_CHANNEL_LOOP = -1;
```

Description

This is constant AUDIO_CHANNEL_LOOP.

1.7.10 AUDIO_CHANNEL_MAX

File: DelphiGamekit.pas (see page 426)

Delphi

```
AUDIO_CHANNEL_MAX = 16;
```

Description

This is constant AUDIO_CHANNEL_MAX.

1.7.11 AUDIO_CHANNEL_NOFADING

File: DelphiGamekit.pas (see page 426)

Delphi

```
AUDIO_CHANNEL_NOFADING = 0;
```

Description

This is constant AUDIO_CHANNEL_NOFADING.

1.7.12 AZURE

File: DelphiGamekit.pas (see page 426)

Delphi

```
AZURE: TColor = (Red:$F0; Green:$FF; BLue:$FF; Alpha:$FF);
```

Description

This is constant AZURE.

1.7.13 BEIGE

File: DelphiGamekit.pas (see page 426)

Delphi

```
BEIGE: TColor = (Red:$F5; Green:$F5; BLue:$DC; Alpha:$FF);
```

Description

This is constant BEIGE.

1.7.14 BISQUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
BISQUE: TColor = (Red:$FF; Green:$E4; BBlue:$C4; Alpha:$FF);
```

Description

This is constant BISQUE.

1.7.15 BLACK

File: DelphiGamekit.pas (see page 426)

Delphi

```
BLACK: TColor = (Red:$00; Green:$00; BBlue:$00; Alpha:$FF);
```

Description

This is constant BLACK.

1.7.16 BLANCHEDALMOND

File: DelphiGamekit.pas (see page 426)

Delphi

```
BLANCHEDALMOND: TColor = (Red:$FF; Green:$EB; BBlue:$CD; Alpha:$FF);
```

Description

This is constant BLANCHEDALMOND.

1.7.17 BLANK

File: DelphiGamekit.pas (see page 426)

Delphi

```
BLANK: TColor = (Red:$00; Green:$00; BBlue:$00; Alpha:$00);
```

Description

This is constant BLANK.

1.7.18 BLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
BLUE: TColor = (Red:$00; Green:$00; BBlue:$FF; Alpha:$FF);
```

Description

This is constant BLUE.

1.7.19 BLUEVIOLET

File: DelphiGamekit.pas (see page 426)

Delphi

```
BLUEVIOLET: TColor = (Red:$8A; Green:$2B; BLue:$E2; Alpha:$FF);
```

Description

This is constant BLUEVIOLET.

1.7.20 BROWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
BROWN: TColor = (Red:$A5; Green:$2A; BLue:$2A; Alpha:$FF);
```

Description

This is constant BROWN.

1.7.21 BURLYWOOD

File: DelphiGamekit.pas (see page 426)

Delphi

```
BURLYWOOD: TColor = (Red:$DE; Green:$B8; BLue:$87; Alpha:$FF);
```

Description

This is constant BURLYWOOD.

1.7.22 BUTTON_LEFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
BUTTON_LEFT = 1;
```

Description

This is constant BUTTON_LEFT.

1.7.23 BUTTON_MIDDLE

File: DelphiGamekit.pas (see page 426)

Delphi

```
BUTTON_MIDDLE = 2;
```

Description

This is constant BUTTON_MIDDLE.

1.7.24 BUTTON_RIGHT

File: DelphiGamekit.pas (see page 426)

Delphi

```
BUTTON_RIGHT = 3;
```

Description

This is constant BUTTON_RIGHT.

1.7.25 BUTTON_X1

File: DelphiGamekit.pas (see page 426)

Delphi

```
BUTTON_X1 = 4;
```

Description

This is constant BUTTON_X1.

1.7.26 BUTTON_X2

File: DelphiGamekit.pas (see page 426)

Delphi

```
BUTTON_X2 = 5;
```

Description

This is constant BUTTON_X2.

1.7.27 CADETBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
CADETBLUE: TColor = (Red:$5F; Green:$9E; BBlue:$A0; Alpha:$FF);
```

Description

This is constant CADETBLUE.

1.7.28 CHARTREUSE

File: DelphiGamekit.pas (see page 426)

Delphi

```
CHARTREUSE: TColor = (Red:$7F; Green:$FF; BLue:$00; Alpha:$FF);
```

Description

This is constant CHARTREUSE.

1.7.29 CHOCOLATE

File: DelphiGamekit.pas (see page 426)

Delphi

```
CHOCOLATE: TColor = (Red:$D2; Green:$69; BLue:$1E; Alpha:$FF);
```

Description

This is constant CHOCOLATE.

1.7.30 COLORKEY

File: DelphiGamekit.pas (see page 426)

Delphi

```
COLORKEY: TColor = (Red:$FF; Green:$00; BLue:$FF; Alpha:$FF);
```

Description

This is constant COLORKEY.

1.7.31 CONTROLLER_AXIS_LEFTX

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_AXIS_LEFTX = 0;
```

Description

This is constant CONTROLLER_AXIS_LEFTX.

1.7.32 CONTROLLER_AXIS_LEFTY

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_AXIS_LEFTY = 1;
```

Description

This is constant CONTROLLER_AXIS_LEFTY.

1.7.33 CONTROLLER_AXIS_RIGHTX

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_AXIS_RIGHTX = 2;
```

Description

This is constant CONTROLLER_AXIS_RIGHTX.

1.7.34 CONTROLLER_AXIS_RIGHTY

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_AXIS_RIGHTY = 3;
```

Description

This is constant CONTROLLER_AXIS_RIGHTY.

1.7.35 CONTROLLER_AXIS_TRIGGERLEFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_AXIS_TRIGGERLEFT = 4;
```

Description

This is constant CONTROLLER_AXIS_TRIGGERLEFT.

1.7.36 CONTROLLER_AXIS_TRIGGERRIGHT

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_AXIS_TRIGGERRIGHT = 5;
```

Description

This is constant CONTROLLER_AXIS_TRIGGERRIGHT.

1.7.37 CONTROLLER_BUTTON_A

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_A = 0;
```

Description

This is constant CONTROLLER_BUTTON_A.

1.7.38 CONTROLLER_BUTTON_B

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_B = 1;
```

Description

This is constant CONTROLLER_BUTTON_B.

1.7.39 CONTROLLER_BUTTON_BACK

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_BACK = 4;
```

Description

This is constant CONTROLLER_BUTTON_BACK.

1.7.40 CONTROLLER_BUTTON_DPAD_DOWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_DPAD_DOWN = 12;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_DOWN.

1.7.41 CONTROLLER_BUTTON_DPAD_LEFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_DPAD_LEFT = 13;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_LEFT.

1.7.42 CONTROLLER_BUTTON_DPAD_RIGHT

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_DPAD_RIGHT = 14;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_RIGHT.

1.7.43 CONTROLLER_BUTTON_DPAD_UP

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_DPAD_UP = 11;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_UP.

1.7.44 CONTROLLER_BUTTON_GUIDE

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_GUIDE = 5;
```

Description

This is constant CONTROLLER_BUTTON_GUIDE.

1.7.45 CONTROLLER_BUTTON_LEFTSHOULDER

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_LEFTSHOULDER = 9;
```

Description

This is constant CONTROLLER_BUTTON_LEFTSHOULDER.

1.7.46 CONTROLLER_BUTTON_LEFTSTICK

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_LEFTSTICK = 7;
```

Description

This is constant CONTROLLER_BUTTON_LEFTSTICK.

1.7.47 CONTROLLER_BUTTON_MISC1

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_MISC1 = 15;
```

Description

This is constant CONTROLLER_BUTTON_MISC1.

1.7.48 CONTROLLER_BUTTON_PADDLE1

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_PADDLE1 = 16;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE1.

1.7.49 CONTROLLER_BUTTON_PADDLE2

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_PADDLE2 = 17;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE2.

1.7.50 CONTROLLER_BUTTON_PADDLE3

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_PADDLE3 = 18;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE3.

1.7.51 CONTROLLER_BUTTON_PADDLE4

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_PADDLE4 = 19;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE4.

1.7.52 CONTROLLER_BUTTON_RIGHTSHOULDER

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_RIGHTSHOULDER = 10;
```

Description

This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.

1.7.53 CONTROLLER_BUTTON_RIGHTSTICK

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_RIGHTSTICK = 8;
```

Description

This is constant CONTROLLER_BUTTON_RIGHTSTICK.

1.7.54 CONTROLLER_BUTTON_START

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_START = 6;
```

Description

This is constant CONTROLLER_BUTTON_START.

1.7.55 CONTROLLER_BUTTON_TOUCHPAD

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_TOUCHPAD = 20;
```

Description

This is constant CONTROLLER_BUTTON_TOUCHPAD.

1.7.56 CONTROLLER_BUTTON_X

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_X = 2;
```

Description

This is constant CONTROLLER_BUTTON_X.

1.7.57 CONTROLLER_BUTTON_Y

File: DelphiGamekit.pas (see page 426)

Delphi

```
CONTROLLER_BUTTON_Y = 3;
```

Description

This is constant CONTROLLER_BUTTON_Y.

1.7.58 CORAL

File: DelphiGamekit.pas (see page 426)

Delphi

```
CORAL: TColor = (Red:$FF; Green:$7F; BLue:$50; Alpha:$FF);
```

Description

This is constant CORAL.

1.7.59 CORNFLOWERBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
CORNFLOWERBLUE: TColor = (Red:$64; Green:$95; Blue:$ED; Alpha:$FF);
```

Description

This is constant CORNFLOWERBLUE.

1.7.60 CORNSILK

File: DelphiGamekit.pas (see page 426)

Delphi

```
CORNSILK: TColor = (Red:$FF; Green:$F8; Blue:$DC; Alpha:$FF);
```

Description

This is constant CORNSILK.

1.7.61 CR

File: DelphiGamekit.pas (see page 426)

Delphi

```
CR = #10;
```

Description

This is constant CR.

1.7.62 CRIMSON

File: DelphiGamekit.pas (see page 426)

Delphi

```
CRIMSON: TColor = (Red:$DC; Green:$14; Blue:$3C; Alpha:$FF);
```

Description

This is constant CRIMSON.

1.7.63 CRLF

File: DelphiGamekit.pas (see page 426)

Delphi

```
CRLF = CR+LF;
```

Description

This is constant CRLF.

1.7.64 CYAN

File: DelphiGamekit.pas (see page 426)

Delphi

```
CYAN: TColor = (Red:$00; Green:$FF; BLue:$FF; Alpha:$FF);
```

Description

This is constant CYAN.

1.7.65 DARKBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKBLUE: TColor = (Red:$00; Green:$00; BLue:$8B; Alpha:$FF);
```

Description

This is constant DARKBLUE.

1.7.66 DARKCYAN

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKCYAN: TColor = (Red:$00; Green:$8B; BLue:$8B; Alpha:$FF);
```

Description

This is constant DARKCYAN.

1.7.67 DARKGOLDENROD

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKGOLDENROD: TColor = (Red:$B8; Green:$86; BLue:$0B; Alpha:$FF);
```

Description

This is constant DARKGOLDENROD.

1.7.68 DARKGRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKGRAY: TColor = (Red:$A9; Green:$A9; BLue:$A9; Alpha:$FF);
```

Description

This is constant DARKGRAY.

1.7.69 DARKGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKGREEN: TColor = (Red:$00; Green:$64; BLue:$00; Alpha:$FF);
```

Description

This is constant DARKGREEN.

1.7.70 DARKGREY

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKGREY: TColor = (Red:$A9; Green:$A9; BLue:$A9; Alpha:$FF);
```

Description

This is constant DARKGREY.

1.7.71 DARKKHAKI

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKKHAKI: TColor = (Red:$BD; Green:$B7; BLue:$6B; Alpha:$FF);
```

Description

This is constant DARKKHAKI.

1.7.72 DARKMAGENTA

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKMAGENTA: TColor = (Red:$8B; Green:$00; BLue:$8B; Alpha:$FF);
```

Description

This is constant DARKMAGENTA.

1.7.73 DARKLIVEGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKLIVEGREEN: TColor = (Red:$55; Green:$6B; BLue:$2F; Alpha:$FF);
```

Description

This is constant DARKLIVEGREEN.

1.7.74 DARKORANGE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKORANGE: TColor = (Red:$FF; Green:$8C; BLue:$00; Alpha:$FF);
```

Description

This is constant DARKORANGE.

1.7.75 DARKORCHID

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKORCHID: TColor = (Red:$99; Green:$32; BLue:$CC; Alpha:$FF);
```

Description

This is constant DARKORCHID.

1.7.76 DARKRED

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKRED: TColor = (Red:$8B; Green:$00; BLue:$00; Alpha:$FF);
```

Description

This is constant DARKRED.

1.7.77 DARKSALMON

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKSALMON: TColor = (Red:$E9; Green:$96; BLue:$7A; Alpha:$FF);
```

Description

This is constant DARKSALMON.

1.7.78 DARKSEAGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKSEAGREEN: TColor = (Red:$8F; Green:$BC; BLue:$8F; Alpha:$FF);
```

Description

This is constant DARKSEAGREEN.

1.7.79 DARKSLATEBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKSLATEBLUE: TColor = (Red:$48; Green:$3D; BLue:$8B; Alpha:$FF);
```

Description

This is constant DARKSLATEBLUE.

1.7.80 DARKSLATEBROWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKSLATEBROWN: TColor = (Red:30; Green:31; BLue:30; Alpha:1);
```

Description

This is constant DARKSLATEBROWN.

1.7.81 DARKSLATEGRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKSLATEGRAY: TColor = (Red:$2F; Green:$4F; BLue:$4F; Alpha:$FF);
```

Description

This is constant DARKSLATEGRAY.

1.7.82 DARKTURQUOISE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKTURQUOISE: TColor = (Red:$00; Green:$CE; BLue:$D1; Alpha:$FF);
```

Description

This is constant DARKTURQUOISE.

1.7.83 DARKVIOLET

File: DelphiGamekit.pas (see page 426)

Delphi

```
DARKVIOLET: TColor = (Red:$94; Green:$00; BLue:$D3; Alpha:$FF);
```

Description

This is constant DARKVIOLET.

1.7.84 DEEPPINK

File: DelphiGamekit.pas (see page 426)

Delphi

```
DEEPPINK: TColor = (Red:$FF; Green:$14; BLue:$93; Alpha:$FF);
```

Description

This is constant DEEPPINK.

1.7.85 DEEPSKYBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DEEPSKYBLUE: TColor = (Red:$00; Green:$BF; BLue:$FF; Alpha:$FF);
```

Description

This is constant DEEPSKYBLUE.

1.7.86 DEGTORAD

File: DelphiGamekit.pas (see page 426)

Delphi

```
DEGTORAD = PI / 180.0;
```

Description

This is constant DEGTORAD.

1.7.87 DIMGRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
DIMGRAY: TColor = (Red:$69; Green:$69; BBlue:$69; Alpha:$FF);
```

Description

This is constant DIMGRAY.

1.7.88 DIMWHITE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DIMWHITE: TColor = (Red:$10; Green:$10; BBlue:$10; Alpha:$10);
```

Description

This is constant DIMWHITE.

1.7.89 DODGERBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
DODGERBLUE: TColor = (Red:$1E; Green:$90; BBlue:$FF; Alpha:$FF);
```

Description

This is constant DODGERBLUE.

1.7.90 EPSILON

File: DelphiGamekit.pas (see page 426)

Delphi

```
EPSILON = 0.00001;
```

Description

This is constant EPSILON.

1.7.91 FIREBRICK

File: DelphiGamekit.pas (see page 426)

Delphi

```
FIREBRICK: TColor = (Red:$B2; Green:$22; BLue:$22; Alpha:$FF);
```

Description

This is constant FIREBRICK.

1.7.92 FLORALWHITE

File: DelphiGamekit.pas (see page 426)

Delphi

```
FLORALWHITE: TColor = (Red:$FF; Green:$FA; BLue:$F0; Alpha:$FF);
```

Description

This is constant FLORALWHITE.

1.7.93 FORESTGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
FORESTGREEN: TColor = (Red:$22; Green:$8B; BLue:$22; Alpha:$FF);
```

Description

This is constant FORESTGREEN.

1.7.94 FUCHSIA

File: DelphiGamekit.pas (see page 426)

Delphi

```
FUCHSIA: TColor = (Red:$FF; Green:$00; BLue:$FF; Alpha:$FF);
```

Description

This is constant FUCHSIA.

1.7.95 GAINSBORO

File: DelphiGamekit.pas (see page 426)

Delphi

```
GAINSBORO: TColor = (Red:$DC; Green:$DC; BBlue:$DC; Alpha:$FF);
```

Description

This is constant GAINSBORO.

1.7.96 GHOSTWHITE

File: DelphiGamekit.pas (see page 426)

Delphi

```
GHOSTWHITE: TColor = (Red:$F8; Green:$F8; BBlue:$FF; Alpha:$FF);
```

Description

This is constant GHOSTWHITE.

1.7.97 GOLD

File: DelphiGamekit.pas (see page 426)

Delphi

```
GOLD: TColor = (Red:$FF; Green:$D7; BBlue:$00; Alpha:$FF);
```

Description

This is constant GOLD.

1.7.98 GOLDENROD

File: DelphiGamekit.pas (see page 426)

Delphi

```
GOLDENROD: TColor = (Red:$DA; Green:$A5; BBlue:$20; Alpha:$FF);
```

Description

This is constant GOLDENROD.

1.7.99 GRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
GRAY: TColor = (Red:$80; Green:$80; BBlue:$80; Alpha:$FF);
```

Description

This is constant GRAY.

1.7.100 GREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
GREEN: TColor = (Red:$00; Green:$80; BLue:$00; Alpha:$FF);
```

Description

This is constant GREEN.

1.7.101 GREENYELLOW

File: DelphiGamekit.pas (see page 426)

Delphi

```
GREENYELLOW: TColor = (Red:$AD; Green:$FF; BLue:$2F; Alpha:$FF);
```

Description

This is constant GREENYELLOW.

1.7.102 GREY

File: DelphiGamekit.pas (see page 426)

Delphi

```
GREY: TColor = (Red:$80; Green:$80; BLue:$80; Alpha:$FF);
```

Description

This is constant GREY.

1.7.103 HONEYDEW

File: DelphiGamekit.pas (see page 426)

Delphi

```
HONEYDEW: TColor = (Red:$F0; Green:$FF; BLue:$F0; Alpha:$FF);
```

Description

This is constant HONEYDEW.

1.7.104 HOTPINK

File: DelphiGamekit.pas (see page 426)

Delphi

```
HOTPINK: TColor = (Red:$FF; Green:$69; BBlue:$B4; Alpha:$FF);
```

Description

This is constant HOTPINK.

1.7.105 INDIANRED

File: DelphiGamekit.pas (see page 426)

Delphi

```
INDIANRED: TColor = (Red:$CD; Green:$5C; BBlue:$5C; Alpha:$FF);
```

Description

This is constant INDIANRED.

1.7.106 INDIGO

File: DelphiGamekit.pas (see page 426)

Delphi

```
INDIGO: TColor = (Red:$4B; Green:$00; BBlue:$82; Alpha:$FF);
```

Description

This is constant INDIGO.

1.7.107 INIEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
INIEXT = 'ini';
```

Description

This is constant INIEXT.

1.7.108 IVORY

File: DelphiGamekit.pas (see page 426)

Delphi

```
IVORY: TColor = (Red:$FF; Green:$FF; BBlue:$F0; Alpha:$FF);
```

Description

This is constant IVORY.

1.7.109 KEY_0

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_0 = 39;
```

Description

This is constant KEY_0.

1.7.110 KEY_1

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_1 = 30;
```

Description

This is constant KEY_1.

1.7.111 KEY_2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_2 = 31;
```

Description

This is constant KEY_2.

1.7.112 KEY_3

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_3 = 32;
```

Description

This is constant KEY_3.

1.7.113 KEY_4

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_4 = 33;
```

Description

This is constant KEY_4.

1.7.114 KEY_5

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_5 = 34;
```

Description

This is constant KEY_5.

1.7.115 KEY_6

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_6 = 35;
```

Description

This is constant KEY_6.

1.7.116 KEY_7

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_7 = 36;
```

Description

This is constant KEY_7.

1.7.117 KEY_8

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_8 = 37;
```

Description

This is constant KEY_8.

1.7.118 KEY_9

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_9 = 38;
```

Description

This is constant KEY_9.

1.7.119 KEY_A

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_A = 4;
```

Description

This is constant KEY_A.

1.7.120 KEY_AC_BACK

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_BACK = 270;
```

Description

This is constant KEY_AC_BACK.

1.7.121 KEY_AC_BOOKMARKS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_BOOKMARKS = 274;
```

Description

This is constant KEY_AC_BOOKMARKS.

1.7.122 KEY_AC_FORWARD

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_FORWARD = 271;
```

Description

This is constant KEY_AC_FORWARD.

1.7.123 KEY_AC_HOME

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_HOME = 269;
```

Description

This is constant KEY_AC_HOME.

1.7.124 KEY_AC_REFRESH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_REFRESH = 273;
```

Description

This is constant KEY_AC_REFRESH.

1.7.125 KEY_AC_SEARCH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_SEARCH = 268;
```

Description

This is constant KEY_AC_SEARCH.

1.7.126 KEY_AC_STOP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AC_STOP = 272;
```

Description

This is constant KEY_AC_STOP.

1.7.127 KEY_AGAIN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AGAIN = 121;
```

Description

This is constant KEY_AGAIN.

1.7.128 KEY_ALTERASE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_ALTERASE = 153;
```

Description

This is constant KEY_ALTERASE.

1.7.129 KEY_APOSTROPHE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_APOSTROPHE = 52;
```

Description

This is constant KEY_APOSTROPHE.

1.7.130 KEY_APP1

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_APP1 = 283;
```

Description

This is constant KEY_APP1.

1.7.131 KEY_APP2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_APP2 = 284;
```

Description

This is constant KEY_APP2.

1.7.132 KEY_APPLICATION

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_APPLICATION = 101;
```

Description

This is constant KEY_APPLICATION.

1.7.133 KEY_AUDIOFASTFORWARD

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIOFASTFORWARD = 286;
```

Description

This is constant KEY_AUDIOFASTFORWARD.

1.7.134 KEY_AUDIOMUTE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIOMUTE = 262;
```

Description

This is constant KEY_AUDIOMUTE.

1.7.135 KEY_AUDIONEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIONEXT = 258;
```

Description

This is constant KEY_AUDIONEXT.

1.7.136 KEY_AUDIOPLAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIOPLAY = 261;
```

Description

This is constant KEY_AUDIOPLAY.

1.7.137 KEY_AUDIOPREV

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIOPREV = 259;
```

Description

This is constant KEY_AUDIOPREV.

1.7.138 KEY_AUDIOREWIND

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIOREWIND = 285;
```

Description

This is constant KEY_AUDIOREWIND.

1.7.139 KEY_AUDIOSTOP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_AUDIOSTOP = 260;
```

Description

This is constant KEY_AUDIOSTOP.

1.7.140 KEY_B

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_B = 5;
```

Description

This is constant KEY_B.

1.7.141 KEY_BACKSLASH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_BACKSLASH = 49;
```

Description

This is constant KEY_BACKSLASH.

1.7.142 KEY_BACKSPACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_BACKSPACE = 42;
```

Description

This is constant KEY_BACKSPACE.

1.7.143 KEY_BRIGHTNESSDOWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_BRIGHTNESSDOWN = 275;
```

Description

This is constant KEY_BRIGHTNESSDOWN.

1.7.144 KEY_BRIGHTNESSUP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_BRIGHTNESSUP = 276;
```

Description

This is constant KEY_BRIGHTNESSUP.

1.7.145 KEY_C

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_C = 6;
```

Description

This is constant KEY_C.

1.7.146 KEY_CALCULATOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CALCULATOR = 266;
```

Description

This is constant KEY_CALCULATOR.

1.7.147 KEY_CALL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CALL = 289;
```

Description

This is constant KEY_CALL.

1.7.148 KEY_CANCEL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CANCEL = 155;
```

Description

This is constant KEY_CANCEL.

1.7.149 KEY_CAPSLOCK

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CAPSLOCK = 57;
```

Description

This is constant KEY_CAPSLOCK.

1.7.150 KEY_CLEAR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CLEAR = 156;
```

Description

This is constant KEY_CLEAR.

1.7.151 KEY_CLEARAGAIN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CLEARAGAIN = 162;
```

Description

This is constant KEY_CLEARAGAIN.

1.7.152 KEY_COMMA

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_COMMA = 54;
```

Description

This is constant KEY_COMMA.

1.7.153 KEY_COMPUTER

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_COMPUTER = 267;
```

Description

This is constant KEY_COMPUTER.

1.7.154 KEY_COPY

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_COPY = 124;
```

Description

This is constant KEY_COPY.

1.7.155 KEY_CRSEL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CRSEL = 163;
```

Description

This is constant KEY_CRSEL.

1.7.156 KEY_CURRENCYSUBUNIT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CURRENCYSUBUNIT = 181;
```

Description

This is constant KEY_CURRENCYSUBUNIT.

1.7.157 KEY_CURRENCYUNIT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CURRENCYUNIT = 180;
```

Description

This is constant KEY_CURRENCYUNIT.

1.7.158 KEY_CUT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_CUT = 123;
```

Description

This is constant KEY_CUT.

1.7.159 KEY_D

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_D = 7;
```

Description

This is constant KEY_D.

1.7.160 KEY_DECIMALSEPARATOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_DECIMALSEPARATOR = 179;
```

Description

This is constant KEY_DECIMALSEPARATOR.

1.7.161 KEY_DELETE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_DELETE = 76;
```

Description

This is constant KEY_DELETE.

1.7.162 KEY_DISPLAYSWITCH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_DISPLAYSWITCH = 277;
```

Description

This is constant KEY_DISPLAYSWITCH.

1.7.163 KEY_DOWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_DOWN = 81;
```

Description

This is constant KEY_DOWN.

1.7.164 KEY_E

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_E = 8;
```

Description

This is constant KEY_E.

1.7.165 KEY_EJECT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_EJECT = 281;
```

Description

This is constant KEY_EJECT.

1.7.166 KEY_END

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_END = 77;
```

Description

This is constant KEY_END.

1.7.167 KEY_ENDCALL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_ENDCALL = 290;
```

Description

This is constant KEY_ENDCALL.

1.7.168 KEY_EQUALS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_EQUALS = 46;
```

Description

This is constant KEY_EQUALS.

1.7.169 KEY_ESCAPE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_ESCAPE = 41;
```

Description

This is constant KEY_ESCAPE.

1.7.170 KEY_EXECUTE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_EXECUTE = 116;
```

Description

This is constant KEY_EXECUTE.

1.7.171 KEY_F

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F = 9;
```

Description

This is constant KEY_F.

1.7.172 KEY_F1

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F1 = 58;
```

Description

This is constant KEY_F1.

1.7.173 KEY_F10

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F10 = 67;
```

Description

This is constant KEY_F10.

1.7.174 KEY_F11

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F11 = 68;
```

Description

This is constant KEY_F11.

1.7.175 KEY_F12

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F12 = 69;
```

Description

This is constant KEY_F12.

1.7.176 KEY_F13

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F13 = 104;
```

Description

This is constant KEY_F13.

1.7.177 KEY_F14

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F14 = 105;
```

Description

This is constant KEY_F14.

1.7.178 KEY_F15

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F15 = 106;
```

Description

This is constant KEY_F15.

1.7.179 KEY_F16

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F16 = 107;
```

Description

This is constant KEY_F16.

1.7.180 KEY_F17

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F17 = 108;
```

Description

This is constant KEY_F17.

1.7.181 KEY_F18

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F18 = 109;
```

Description

This is constant KEY_F18.

1.7.182 KEY_F19

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F19 = 110;
```

Description

This is constant KEY_F19.

1.7.183 KEY_F2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F2 = 59;
```

Description

This is constant KEY_F2.

1.7.184 KEY_F20

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F20 = 111;
```

Description

This is constant KEY_F20.

1.7.185 KEY_F21

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F21 = 112;
```

Description

This is constant KEY_F21.

1.7.186 KEY_F22

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F22 = 113;
```

Description

This is constant KEY_F22.

1.7.187 KEY_F23

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F23 = 114;
```

Description

This is constant KEY_F23.

1.7.188 KEY_F24

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F24 = 115;
```

Description

This is constant KEY_F24.

1.7.189 KEY_F3

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F3 = 60;
```

Description

This is constant KEY_F3.

1.7.190 KEY_F4

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F4 = 61;
```

Description

This is constant KEY_F4.

1.7.191 KEY_F5

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F5 = 62;
```

Description

This is constant KEY_F5.

1.7.192 KEY_F6

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F6 = 63;
```

Description

This is constant KEY_F6.

1.7.193 KEY_F7

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F7 = 64;
```

Description

This is constant KEY_F7.

1.7.194 KEY_F8

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F8 = 65;
```

Description

This is constant KEY_F8.

1.7.195 KEY_F9

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_F9 = 66;
```

Description

This is constant KEY_F9.

1.7.196 KEY_FIND

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_FIND = 126;
```

Description

This is constant KEY_FIND.

1.7.197 KEY_G

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_G = 10;
```

Description

This is constant KEY_G.

1.7.198 KEY_GRAVE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_GRAVE = 53;
```

Description

This is constant KEY_GRAVE.

1.7.199 KEY_H

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_H = 11;
```

Description

This is constant KEY_H.

1.7.200 KEY_HELP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_HELP = 117;
```

Description

This is constant KEY_HELP.

1.7.201 KEY_HOME

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_HOME = 74;
```

Description

This is constant KEY_HOME.

1.7.202 KEY_I

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_I = 12;
```

Description

This is constant KEY_I.

1.7.203 KEY_INSERT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INSERT = 73;
```

Description

This is constant KEY_INSERT.

1.7.204 KEY_INTERNATIONAL1

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL1 = 135;
```

Description

This is constant KEY_INTERNATIONAL1.

1.7.205 KEY_INTERNATIONAL2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL2 = 136;
```

Description

This is constant KEY_INTERNATIONAL2.

1.7.206 KEY_INTERNATIONAL3

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL3 = 137;
```

Description

This is constant KEY_INTERNATIONAL3.

1.7.207 KEY_INTERNATIONAL4

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL4 = 138;
```

Description

This is constant KEY_INTERNATIONAL4.

1.7.208 KEY_INTERNATIONAL5

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL5 = 139;
```

Description

This is constant KEY_INTERNATIONAL5.

1.7.209 KEY_INTERNATIONAL6

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL6 = 140;
```

Description

This is constant KEY_INTERNATIONAL6.

1.7.210 KEY_INTERNATIONAL7

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL7 = 141;
```

Description

This is constant KEY_INTERNATIONAL7.

1.7.211 KEY_INTERNATIONAL8

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL8 = 142;
```

Description

This is constant KEY_INTERNATIONAL8.

1.7.212 KEY_INTERNATIONAL9

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_INTERNATIONAL9 = 143;
```

Description

This is constant KEY_INTERNATIONAL9.

1.7.213 KEY_J

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_J = 13;
```

Description

This is constant KEY_J.

1.7.214 KEY_K

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_K = 14;
```

Description

This is constant KEY_K.

1.7.215 KEY_KBDILLUMDOWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KBDILLUMDOWN = 279;
```

Description

This is constant KEY_KBDILLUMDOWN.

1.7.216 KEY_KBDILLUMTOGGLE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KBDILLUMTOGGLE = 278;
```

Description

This is constant KEY_KBDILLUMTOGGLE.

1.7.217 KEY_KBDILLUMUP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KBDILLUMUP = 280;
```

Description

This is constant KEY_KBDILLUMUP.

1.7.218 KEY_KP_0

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_0 = 98;
```

Description

This is constant KEY_KP_0.

1.7.219 KEY_KP_00

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_00 = 176;
```

Description

This is constant KEY_KP_00.

1.7.220 KEY_KP_000

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_000 = 177;
```

Description

This is constant KEY_KP_000.

1.7.221 KEY_KP_1

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_1 = 89;
```

Description

This is constant KEY_KP_1.

1.7.222 KEY_KP_2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_2 = 90;
```

Description

This is constant KEY_KP_2.

1.7.223 KEY_KP_3

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_3 = 91;
```

Description

This is constant KEY_KP_3.

1.7.224 KEY_KP_4

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_4 = 92;
```

Description

This is constant KEY_KP_4.

1.7.225 KEY_KP_5

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_5 = 93;
```

Description

This is constant KEY_KP_5.

1.7.226 KEY_KP_6

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_6 = 94;
```

Description

This is constant KEY_KP_6.

1.7.227 KEY_KP_7

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_7 = 95;
```

Description

This is constant KEY_KP_7.

1.7.228 KEY_KP_8

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_8 = 96;
```

Description

This is constant KEY_KP_8.

1.7.229 KEY_KP_9

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_9 = 97;
```

Description

This is constant KEY_KP_9.

1.7.230 KEY_KP_A

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_A = 188;
```

Description

This is constant KEY_KP_A.

1.7.231 KEY_KP_AMPERSAND

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_AMPERSAND = 199;
```

Description

This is constant KEY_KP_AMPERSAND.

1.7.232 KEY_KP_AT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_AT = 206;
```

Description

This is constant KEY_KP_AT.

1.7.233 KEY_KP_B

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_B = 189;
```

Description

This is constant KEY_KP_B.

1.7.234 KEY_KP_BACKSPACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_BACKSPACE = 187;
```

Description

This is constant KEY_KP_BACKSPACE.

1.7.235 KEY_KP_BINARY

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_BINARY = 218;
```

Description

This is constant KEY_KP_BINARY.

1.7.236 KEY_KP_C

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_C = 190;
```

Description

This is constant KEY_KP_C.

1.7.237 KEY_KP_CLEAR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_CLEAR = 216;
```

Description

This is constant KEY_KP_CLEAR.

1.7.238 KEY_KP_CLEARENTRY

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_CLEARENTRY = 217;
```

Description

This is constant KEY_KP_CLEARENTRY.

1.7.239 KEY_KP_COLON

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_COLON = 203;
```

Description

This is constant KEY_KP_COLON.

1.7.240 KEY_KP_COMMA

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_COMMA = 133;
```

Description

This is constant KEY_KP_COMMA.

1.7.241 KEY_KP_D

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_D = 191;
```

Description

This is constant KEY_KP_D.

1.7.242 KEY_KP_DBLAMPERSAND

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_DBLAMPERSAND = 200;
```

Description

This is constant KEY_KP_DBLAMPERSAND.

1.7.243 KEY_KP_DBLVERTICALBAR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_DBLVERTICALBAR = 202;
```

Description

This is constant KEY_KP_DBLVERTICALBAR.

1.7.244 KEY_KP_DECIMAL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_DECIMAL = 220;
```

Description

This is constant KEY_KP_DECIMAL.

1.7.245 KEY_KP_DIVIDE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_DIVIDE = 84;
```

Description

This is constant KEY_KP_DIVIDE.

1.7.246 KEY_KP_E

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_E = 192;
```

Description

This is constant KEY_KP_E.

1.7.247 KEY_KP_ENTER

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_ENTER = 88;
```

Description

This is constant KEY_KP_ENTER.

1.7.248 KEY_KP_EQUALS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_EQUALS = 103;
```

Description

This is constant KEY_KP_EQUALS.

1.7.249 KEY_KP_EQUALSAS400

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_EQUALSAS400 = 134;
```

Description

This is constant KEY_KP_EQUALSAS400.

1.7.250 KEY_KP_EXCLAM

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_EXCLAM = 207;
```

Description

This is constant KEY_KP_EXCLAM.

1.7.251 KEY_KP_F

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_F = 193;
```

Description

This is constant KEY_KP_F.

1.7.252 KEY_KP_GREATER

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_GREATER = 198;
```

Description

This is constant KEY_KP_GREATER.

1.7.253 KEY_KP_HASH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_HASH = 204;
```

Description

This is constant KEY_KP_HASH.

1.7.254 KEY_KP_HEXADECIMAL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_HEXADECIMAL = 221;
```

Description

This is constant KEY_KP_HEXADECIMAL.

1.7.255 KEY_KP_LEFTBRACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_LEFTBRACE = 184;
```

Description

This is constant KEY_KP_LEFTBRACE.

1.7.256 KEY_KP_LEFTPAREN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_LEFTPAREN = 182;
```

Description

This is constant KEY_KP_LEFTPAREN.

1.7.257 KEY_KP_LESS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_LESS = 197;
```

Description

This is constant KEY_KP_LESS.

1.7.258 KEY_KP_MEMADD

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMADD = 211;
```

Description

This is constant KEY_KP_MEMADD.

1.7.259 KEY_KP_MEMCLEAR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMCLEAR = 210;
```

Description

This is constant KEY_KP_MEMCLEAR.

1.7.260 KEY_KP_MEMDIVIDE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMDIVIDE = 214;
```

Description

This is constant KEY_KP_MEMDIVIDE.

1.7.261 KEY_KP_MEMMULTIPLY

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMMULTIPLY = 213;
```

Description

This is constant KEY_KP_MEMMULTIPLY.

1.7.262 KEY_KP_MEMRECALL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMRECALL = 209;
```

Description

This is constant KEY_KP_MEMRECALL.

1.7.263 KEY_KP_MEMSTORE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMSTORE = 208;
```

Description

This is constant KEY_KP_MEMSTORE.

1.7.264 KEY_KP_MEMSUBTRACT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MEMSUBTRACT = 212;
```

Description

This is constant KEY_KP_MEMSUBTRACT.

1.7.265 KEY_KP_MINUS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MINUS = 86;
```

Description

This is constant KEY_KP_MINUS.

1.7.266 KEY_KP_MULTIPLY

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_MULTIPLY = 85;
```

Description

This is constant KEY_KP_MULTIPLY.

1.7.267 KEY_KP_OCTAL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_OCTAL = 219;
```

Description

This is constant KEY_KP_OCTAL.

1.7.268 KEY_KP_PERCENT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_PERCENT = 196;
```

Description

This is constant KEY_KP_PERCENT.

1.7.269 KEY_KP_PERIOD

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_PERIOD = 99;
```

Description

This is constant KEY_KP_PERIOD.

1.7.270 KEY_KP_PLUS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_PLUS = 87;
```

Description

This is constant KEY_KP_PLUS.

1.7.271 KEY_KP_PLUSMINUS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_PLUSMINUS = 215;
```

Description

This is constant KEY_KP_PLUSMINUS.

1.7.272 KEY_KP_POWER

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_POWER = 195;
```

Description

This is constant KEY_KP_POWER.

1.7.273 KEY_KP_RIGHTBRACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_RIGHTBRACE = 185;
```

Description

This is constant KEY_KP_RIGHTBRACE.

1.7.274 KEY_KP_RIGHTPAREN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_RIGHTPAREN = 183;
```

Description

This is constant KEY_KP_RIGHTPAREN.

1.7.275 KEY_KP_SPACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_SPACE = 205;
```

Description

This is constant KEY_KP_SPACE.

1.7.276 KEY_KP_TAB

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_TAB = 186;
```

Description

This is constant KEY_KP_TAB.

1.7.277 KEY_KP_VERTICALBAR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_VERTICALBAR = 201;
```

Description

This is constant KEY_KP_VERTICALBAR.

1.7.278 KEY_KP_XOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_KP_XOR = 194;
```

Description

This is constant KEY_KP_XOR.

1.7.279 KEY_L

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_L = 15;
```

Description

This is constant KEY_L.

1.7.280 KEY_LALT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LALT = 226;
```

Description

This is constant KEY_LALT.

1.7.281 KEY_LANG1

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG1 = 144;
```

Description

This is constant KEY_LANG1.

1.7.282 KEY_LANG2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG2 = 145;
```

Description

This is constant KEY_LANG2.

1.7.283 KEY_LANG3

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG3 = 146;
```

Description

This is constant KEY_LANG3.

1.7.284 KEY_LANG4

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG4 = 147;
```

Description

This is constant KEY_LANG4.

1.7.285 KEY_LANG5

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG5 = 148;
```

Description

This is constant KEY_LANG5.

1.7.286 KEY_LANG6

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG6 = 149;
```

Description

This is constant KEY_LANG6.

1.7.287 KEY_LANG7

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG7 = 150;
```

Description

This is constant KEY_LANG7.

1.7.288 KEY_LANG8

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG8 = 151;
```

Description

This is constant KEY_LANG8.

1.7.289 KEY_LANG9

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LANG9 = 152;
```

Description

This is constant KEY_LANG9.

1.7.290 KEY_LCTRL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LCTRL = 224;
```

Description

This is constant KEY_LCTRL.

1.7.291 KEY_LEFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LEFT = 80;
```

Description

This is constant KEY_LEFT.

1.7.292 KEY_LEFTBRACKET

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LEFTBRACKET = 47;
```

Description

This is constant KEY_LEFTBRACKET.

1.7.293 KEY_LGUI

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LGUI = 227;
```

Description

This is constant KEY_LGUI.

1.7.294 KEY_LSHIFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_LSHIFT = 225;
```

Description

This is constant KEY_LSHIFT.

1.7.295 KEY_M

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_M = 16;
```

Description

This is constant KEY_M.

1.7.296 KEY_MAIL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_MAIL = 265;
```

Description

This is constant KEY_MAIL.

1.7.297 KEY_MEDIASELECT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_MEDIASELECT = 263;
```

Description

This is constant KEY_MEDIASELECT.

1.7.298 KEY_MENU

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_MENU = 118;
```

Description

This is constant KEY_MENU.

1.7.299 KEY_MINUS

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_MINUS = 45;
```

Description

This is constant KEY_MINUS.

1.7.300 KEY_MODE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_MODE = 257;
```

Description

This is constant KEY_MODE.

1.7.301 KEY_MUTE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_MUTE = 127;
```

Description

This is constant KEY_MUTE.

1.7.302 KEY_N

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_N = 17;
```

Description

This is constant KEY_N.

1.7.303 KEY_NONUSBACKSLASH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_NONUSBACKSLASH = 100;
```

Description

This is constant KEY_NONUSBACKSLASH.

1.7.304 KEY_NONUSHASH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_NONUSHASH = 50;
```

Description

This is constant KEY_NONUSHASH.

1.7.305 KEY_NUMLOCKCLEAR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_NUMLOCKCLEAR = 83;
```

Description

This is constant KEY_NUMLOCKCLEAR.

1.7.306 KEY_O

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_O = 18;
```

Description

This is constant KEY_O.

1.7.307 KEY_OPER

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_OPER = 161;
```

Description

This is constant KEY_OPER.

1.7.308 KEY_OUT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_OUT = 160;
```

Description

This is constant KEY_OUT.

1.7.309 KEY_P

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_P = 19;
```

Description

This is constant KEY_P.

1.7.310 KEY_PAGEDOWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PAGEDOWN = 78;
```

Description

This is constant KEY_PAGEDOWN.

1.7.311 KEY_PAGEUP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PAGEUP = 75;
```

Description

This is constant KEY_PAGEUP.

1.7.312 KEY_PASTE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PASTE = 125;
```

Description

This is constant KEY_PASTE.

1.7.313 KEY_PAUSE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PAUSE = 72;
```

Description

This is constant KEY_PAUSE.

1.7.314 KEY_PERIOD

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PERIOD = 55;
```

Description

This is constant KEY_PERIOD.

1.7.315 KEY_POWER

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_POWER = 102;
```

Description

This is constant KEY_POWER.

1.7.316 KEY_PRINTSCREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PRINTSCREEN = 70;
```

Description

This is constant KEY_PRINTSCREEN.

1.7.317 KEY_PRIOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_PRIOR = 157;
```

Description

This is constant KEY_PRIOR.

1.7.318 KEY_Q

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_Q = 20;
```

Description

This is constant KEY_Q.

1.7.319 KEY_R

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_R = 21;
```

Description

This is constant KEY_R.

1.7.320 KEY_RALT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RALT = 230;
```

Description

This is constant KEY_RALT.

1.7.321 KEY_RCTRL

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RCTRL = 228;
```

Description

This is constant KEY_RCTRL.

1.7.322 KEY_RETURN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RETURN = 40;
```

Description

This is constant KEY_RETURN.

1.7.323 KEY_RETURN2

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RETURN2 = 158;
```

Description

This is constant KEY_RETURN2.

1.7.324 KEY_RGUI

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RGUI = 231;
```

Description

This is constant KEY_RGUI.

1.7.325 KEY_RIGHT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RIGHT = 79;
```

Description

This is constant KEY_RIGHT.

1.7.326 KEY_RIGHTBRACKET

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RIGHTBRACKET = 48;
```

Description

This is constant KEY_RIGHTBRACKET.

1.7.327 KEY_RSHIFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_RSHIFT = 229;
```

Description

This is constant KEY_RSHIFT.

1.7.328 KEY_S

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_S = 22;
```

Description

This is constant KEY_S.

1.7.329 KEY_SCROLLLOCK

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SCROLLLOCK = 71;
```

Description

This is constant KEY_SCROLLLOCK.

1.7.330 KEY_SELECT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SELECT = 119;
```

Description

This is constant KEY_SELECT.

1.7.331 KEY_SEMICOLON

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SEMICOLON = 51;
```

Description

This is constant KEY_SEMICOLON.

1.7.332 KEY_SEPARATOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SEPARATOR = 159;
```

Description

This is constant KEY_SEPARATOR.

1.7.333 KEY_SLASH

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SLASH = 56;
```

Description

This is constant KEY_SLASH.

1.7.334 KEY_SLEEP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SLEEP = 282;
```

Description

This is constant KEY_SLEEP.

1.7.335 KEY_SOFTLEFT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SOFTLEFT = 287;
```

Description

This is constant KEY_SOFTLEFT.

1.7.336 KEY_SOFTRIGHT

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SOFTRIGHT = 288;
```

Description

This is constant KEY_SOFTRIGHT.

1.7.337 KEY_SPACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SPACE = 44;
```

Description

This is constant KEY_SPACE.

1.7.338 KEY_STOP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_STOP = 120;
```

Description

This is constant KEY_STOP.

1.7.339 KEY_SYSREQ

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_SYSREQ = 154;
```

Description

This is constant KEY_SYSREQ.

1.7.340 KEY_T

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_T = 23;
```

Description

This is constant KEY_T.

1.7.341 KEY_TAB

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_TAB = 43;
```

Description

This is constant KEY_TAB.

1.7.342 KEY_THOUSANDSSEPARATOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_THOUSANDSSEPARATOR = 178;
```

Description

This is constant KEY_THOUSANDSSEPARATOR.

1.7.343 KEY_U

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_U = 24;
```

Description

This is constant KEY_U.

1.7.344 KEY_UNDO

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_UNDO = 122;
```

Description

This is constant KEY_UNDO.

1.7.345 KEY_UP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_UP = 82;
```

Description

This is constant KEY_UP.

1.7.346 KEY_V

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_V = 25;
```

Description

This is constant KEY_V.

1.7.347 KEY_VOLUMEDOWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_VOLUMEDOWN = 129;
```

Description

This is constant KEY_VOLUMEDOWN.

1.7.348 KEY_VOLUMEUP

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_VOLUMEUP = 128;
```

Description

This is constant KEY_VOLUMEUP.

1.7.349 KEY_W

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_W = 26;
```

Description

This is constant KEY_W.

1.7.350 KEY_WWW

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_WWW = 264;
```

Description

This is constant KEY_WWW.

1.7.351 KEY_X

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_X = 27;
```

Description

This is constant KEY_X.

1.7.352 KEY_Y

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_Y = 28;
```

Description

This is constant KEY_Y.

1.7.353 KEY_Z

File: DelphiGamekit.pas (see page 426)

Delphi

```
KEY_Z = 29;
```

Description

This is constant KEY_Z.

1.7.354 KHAKI

File: DelphiGamekit.pas (see page 426)

Delphi

```
KHAKI: TColor = (Red:$F0; Green:$E6; BLue:$8C; Alpha:$FF);
```

Description

This is constant KHAKI.

1.7.355 LAVENDER

File: DelphiGamekit.pas (see page 426)

Delphi

```
LAVENDER: TColor = (Red:$E6; Green:$E6; BLue:$FA; Alpha:$FF);
```

Description

This is constant LAVENDER.

1.7.356 LAVENDERBLUSH

File: DelphiGamekit.pas (see page 426)

Delphi

```
LAVENDERBLUSH: TColor = (Red:$FF; Green:$F0; BLue:$F5; Alpha:$FF);
```

Description

This is constant LAVENDERBLUSH.

1.7.357 LAWNGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
LAWNGREEN: TColor = (Red:$7C; Green:$FC; BLue:$00; Alpha:$FF);
```

Description

This is constant LAWNGREEN.

1.7.358 LEMONCHIFFON

File: DelphiGamekit.pas (see page 426)

Delphi

```
LEMONCHIFFON: TColor = (Red:$FF; Green:$FA; BLue:$CD; Alpha:$FF);
```

Description

This is constant LEMONCHIFFON.

1.7.359 LF

File: DelphiGamekit.pas (see page 426)

Delphi

```
LF = #13;
```

Description

This is constant LF.

1.7.360 LIGHTBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTBLUE: TColor = (Red:$AD; Green:$D8; BLue:$E6; Alpha:$FF);
```

Description

This is constant LIGHTBLUE.

1.7.361 LIGHTCORAL

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTCORAL: TColor = (Red:$F0; Green:$80; BLue:$80; Alpha:$FF);
```

Description

This is constant LIGHTCORAL.

1.7.362 LIGHTCYAN

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTCYAN: TColor = (Red:$E0; Green:$FF; BLue:$FF; Alpha:$FF);
```

Description

This is constant LIGHTCYAN.

1.7.363 LIGHTGOLDENRODYELLOW

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTGOLDENRODYELLOW: TColor = (Red:$FA; Green:$FA; BLue:$D2; Alpha:$FF);
```

Description

This is constant LIGHTGOLDENRODYELLOW.

1.7.364 LIGHTGRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTGRAY: TColor = (Red:$D3; Green:$D3; BLue:$D3; Alpha:$FF);
```

Description

This is constant LIGHTGRAY.

1.7.365 LIGHTGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTGREEN: TColor = (Red:$90; Green:$EE; BLue:$90; Alpha:$FF);
```

Description

This is constant LIGHTGREEN.

1.7.366 LIGHTGREY

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTGREY: TColor = (Red:$D3; Green:$D3; BLue:$D3; Alpha:$FF);
```

Description

This is constant LIGHTGREY.

1.7.367 LIGHTPINK

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTPINK: TColor = (Red:$FF; Green:$B6; BLue:$C1; Alpha:$FF);
```

Description

This is constant LIGHTPINK.

1.7.368 LIGHTSALMON

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTSALMON: TColor = (Red:$FF; Green:$A0; BLue:$7A; Alpha:$FF);
```

Description

This is constant LIGHTSALMON.

1.7.369 LIGHTSEAGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTSEAGREEN: TColor = (Red:$20; Green:$B2; BLue:$AA; Alpha:$FF);
```

Description

This is constant LIGHTSEAGREEN.

1.7.370 LIGHTSKYBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTSKYBLUE: TColor = (Red:$87; Green:$CE; BLue:$FA; Alpha:$FF);
```

Description

This is constant LIGHTSKYBLUE.

1.7.371 LIGHTSLATEGRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTSLATEGRAY: TColor = (Red:$77; Green:$88; BLue:$99; Alpha:$FF);
```

Description

This is constant LIGHTSLATEGRAY.

1.7.372 LIGHTSLATEGREY

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTSLATEGREY: TColor = (Red:$77; Green:$88; BLue:$99; Alpha:$FF);
```

Description

This is constant LIGHTSLATEGREY.

1.7.373 LIGHTSTEELBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTSTEELBLUE: TColor = (Red:$B0; Green:$C4; BLue:$DE; Alpha:$FF);
```

Description

This is constant LIGHTSTEELBLUE.

1.7.374 LIGHTYELLOW

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIGHTYELLOW: TColor = (Red:$FF; Green:$FF; BBlue:$E0; Alpha:$FF);
```

Description

This is constant LIGHTYELLOW.

1.7.375 LIME

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIME: TColor = (Red:$00; Green:$FF; BBlue:$00; Alpha:$FF);
```

Description

This is constant LIME.

1.7.376 LIMEGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
LIMEGREEN: TColor = (Red:$32; Green:$CD; BBlue:$32; Alpha:$FF);
```

Description

This is constant LIMEGREEN.

1.7.377 LINEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
LINEN: TColor = (Red:$FA; Green:$F0; BBlue:$E6; Alpha:$FF);
```

Description

This is constant LINEN.

1.7.378 LOGEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
LOGEXT = 'log';
```

Description

This is constant LOGEXT.

1.7.379 LUACEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
LUACEXT = 'luac';
```

Description

This is constant LUACEXT.

1.7.380 LUAEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
LUAEXT = 'lua';
```

Description

This is constant LUAEXT.

1.7.381 LuSCANCODE_EXSEL

File: DelphiGamekit.pas (see page 426)

Delphi

```
LuSCANCODE_EXSEL = 164;
```

Description

This is constant LuSCANCODE_EXSEL.

1.7.382 MAGENTA

File: DelphiGamekit.pas (see page 426)

Delphi

```
MAGENTA: TColor = (Red:$FF; Green:$00; BBlue:$FF; Alpha:$FF);
```

Description

This is constant MAGENTA.

1.7.383 MAROON

File: DelphiGamekit.pas (see page 426)

Delphi

```
MAROON: TColor = (Red:$80; Green:$00; BBlue:$00; Alpha:$FF);
```

Description

This is constant MAROON.

1.7.384 MEDIUMAQUAMARINE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMAQUAMARINE: TColor = (Red:$66; Green:$CD; BBlue:$AA; Alpha:$FF);
```

Description

This is constant MEDIUMAQUAMARINE.

1.7.385 MEDIUMBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMBLUE: TColor = (Red:$00; Green:$00; BBlue:$CD; Alpha:$FF);
```

Description

This is constant MEDIUMBLUE.

1.7.386 MEDIUMORCHID

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMORCHID: TColor = (Red:$BA; Green:$55; BBlue:$D3; Alpha:$FF);
```

Description

This is constant MEDIUMORCHID.

1.7.387 MEDIUMPURPLE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMPURPLE: TColor = (Red:$93; Green:$70; BBlue:$DB; Alpha:$FF);
```

Description

This is constant MEDIUMPURPLE.

1.7.388 MEDIUMSEAGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMSEAGREEN: TColor = (Red:$3C; Green:$B3; BBlue:$71; Alpha:$FF);
```

Description

This is constant MEDIUMSEAGREEN.

1.7.389 MEDIUMSLATEBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMSLATEBLUE: TColor = (Red:$7B; Green:$68; BBlue:$EE; Alpha:$FF);
```

Description

This is constant MEDIUMSLATEBLUE.

1.7.390 MEDIUMSPRINGGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMSPRINGGREEN: TColor = (Red:$00; Green:$FA; BBlue:$9A; Alpha:$FF);
```

Description

This is constant MEDIUMSPRINGGREEN.

1.7.391 MEDIUMTURQUOISE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMTURQUOISE: TColor = (Red:$48; Green:$D1; BBlue:$CC; Alpha:$FF);
```

Description

This is constant MEDIUMTURQUOISE.

1.7.392 MEDIUMVIOLETRED

File: DelphiGamekit.pas (see page 426)

Delphi

```
MEDIUMVIOLETRED: TColor = (Red:$C7; Green:$15; BLue:$85; Alpha:$FF);
```

Description

This is constant MEDIUMVIOLETRED.

1.7.393 MIDNIGHTBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MIDNIGHTBLUE: TColor = (Red:$19; Green:$19; BLue:$70; Alpha:$FF);
```

Description

This is constant MIDNIGHTBLUE.

1.7.394 MINTCREAM

File: DelphiGamekit.pas (see page 426)

Delphi

```
MINTCREAM: TColor = (Red:$F5; Green:$FF; BLue:$FA; Alpha:$FF);
```

Description

This is constant MINTCREAM.

1.7.395 MISTYROSE

File: DelphiGamekit.pas (see page 426)

Delphi

```
MISTYROSE: TColor = (Red:$FF; Green:$E4; BLue:$E1; Alpha:$FF);
```

Description

This is constant MISTYROSE.

1.7.396 MOCCASIN

File: DelphiGamekit.pas (see page 426)

Delphi

```
MOCCASIN: TColor = (Red:$FF; Green:$E4; BLue:$B5; Alpha:$FF);
```

Description

This is constant MOCCASIN.

1.7.397 MPGEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
MPGEXT = 'mpg' ;
```

Description

This is constant MPGEXT.

1.7.398 NAN

File: DelphiGamekit.pas (see page 426)

Delphi

```
NAN = 0.0 / 0.0 ;
```

Description

This is constant NAN.

1.7.399 NAVAJOWHITE

File: DelphiGamekit.pas (see page 426)

Delphi

```
NAVAJOWHITE: TColor = (Red:$FF; Green:$DE; BLue:$AD; Alpha:$FF);
```

Description

This is constant NAVAJOWHITE.

1.7.400 NAVY

File: DelphiGamekit.pas (see page 426)

Delphi

```
NAVY: TColor = (Red:$00; Green:$00; BLue:$80; Alpha:$FF);
```

Description

This is constant NAVY.

1.7.401 OGGEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
OGGEXT = 'ogg';
```

Description

This is constant OGGEXT.

1.7.402 OLDLACE

File: DelphiGamekit.pas (see page 426)

Delphi

```
OLDLACE: TColor = (Red:$FD; Green:$F5; BLue:$E6; Alpha:$FF);
```

Description

This is constant OLDLACE.

1.7.403 OLIVE

File: DelphiGamekit.pas (see page 426)

Delphi

```
OLIVE: TColor = (Red:$80; Green:$80; BLue:$00; Alpha:$FF);
```

Description

This is constant OLIVE.

1.7.404 OLIVEDRAB

File: DelphiGamekit.pas (see page 426)

Delphi

```
OLIVEDRAB: TColor = (Red:$6B; Green:$8E; BLue:$23; Alpha:$FF);
```

Description

This is constant OLIVEDRAB.

1.7.405 ORANGE

File: DelphiGamekit.pas (see page 426)

Delphi

```
ORANGE: TColor = (Red:$FF; Green:$A5; BLue:$00; Alpha:$FF);
```

Description

This is constant ORANGE.

1.7.406 ORANGERED

File: DelphiGamekit.pas (see page 426)

Delphi

```
ORANGERED: TColor = (Red:$FF; Green:$45; BBlue:$00; Alpha:$FF);
```

Description

This is constant ORANGERED.

1.7.407 ORCHID

File: DelphiGamekit.pas (see page 426)

Delphi

```
ORCHID: TColor = (Red:$DA; Green:$70; BBlue:$D6; Alpha:$FF);
```

Description

This is constant ORCHID.

1.7.408 OVERLAY1

File: DelphiGamekit.pas (see page 426)

Delphi

```
OVERLAY1: TColor = (Red:$00; Green:$20; BBlue:$29; Alpha:$B4);
```

Description

This is constant OVERLAY1.

1.7.409 OVERLAY2

File: DelphiGamekit.pas (see page 426)

Delphi

```
OVERLAY2: TColor = (Red:$01; Green:$1B; BBlue:$01; Alpha:255);
```

Description

This is constant OVERLAY2.

1.7.410 PALEGOLDENROD

File: DelphiGamekit.pas (see page 426)

Delphi

```
PALEGOLDENROD: TColor = (Red:$EE; Green:$E8; BLue:$AA; Alpha:$FF);
```

Description

This is constant PALEGOLDENROD.

1.7.411 PALEGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
PALEGREEN: TColor = (Red:$98; Green:$FB; BLue:$98; Alpha:$FF);
```

Description

This is constant PALEGREEN.

1.7.412 PALETURQUOISE

File: DelphiGamekit.pas (see page 426)

Delphi

```
PALETURQUOISE: TColor = (Red:$AF; Green:$EE; BLue:$EE; Alpha:$FF);
```

Description

This is constant PALETURQUOISE.

1.7.413 PALEVIOLETRED

File: DelphiGamekit.pas (see page 426)

Delphi

```
PALEVIOLETRED: TColor = (Red:$DB; Green:$70; BLue:$93; Alpha:$FF);
```

Description

This is constant PALEVIOLETRED.

1.7.414 PAPAYAWHIP

File: DelphiGamekit.pas (see page 426)

Delphi

```
PAPAYAWHIP: TColor = (Red:$FF; Green:$EF; BLue:$D5; Alpha:$FF);
```

Description

This is constant PAPAYAWHIP.

1.7.415 PEACHPUFF

File: DelphiGamekit.pas (see page 426)

Delphi

```
PEACHPUFF: TColor = (Red:$FF; Green:$DA; BLue:$B9; Alpha:$FF);
```

Description

This is constant PEACHPUFF.

1.7.416 PERU

File: DelphiGamekit.pas (see page 426)

Delphi

```
PERU: TColor = (Red:$CD; Green:$85; BLue:$3F; Alpha:$FF);
```

Description

This is constant PERU.

1.7.417 PINK

File: DelphiGamekit.pas (see page 426)

Delphi

```
PINK: TColor = (Red:$FF; Green:$C0; BLue:$CB; Alpha:$FF);
```

Description

This is constant PINK.

1.7.418 PLUM

File: DelphiGamekit.pas (see page 426)

Delphi

```
PLUM: TColor = (Red:$DD; Green:$A0; BLue:$DD; Alpha:$FF);
```

Description

This is constant PLUM.

1.7.419 PNGEXT

File: DelphiGamekit.pas (see page 426)

Delphi

```
PNGEXT = 'png';
```

Description

This is constant PNGEXT.

1.7.420 POWDERBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
POWDERBLUE: TColor = (Red:$B0; Green:$E0; BLue:$E6; Alpha:$FF);
```

Description

This is constant POWDERBLUE.

1.7.421 PURPLE

File: DelphiGamekit.pas (see page 426)

Delphi

```
PURPLE: TColor = (Red:$80; Green:$00; BLue:$80; Alpha:$FF);
```

Description

This is constant PURPLE.

1.7.422 RADTODEG

File: DelphiGamekit.pas (see page 426)

Delphi

```
RADTODEG = 180.0 / PI;
```

Description

This is constant RADTODEG.

1.7.423 REBECCAPURPLE

File: DelphiGamekit.pas (see page 426)

Delphi

```
REBECCAPURPLE: TColor = (Red:$66; Green:$33; BLue:$99; Alpha:$FF);
```

Description

This is constant REBECCAPURPLE.

1.7.424 RED

File: DelphiGamekit.pas (see page 426)

Delphi

```
RED: TColor = (Red:$FF; Green:$00; BLue:$00; Alpha:$FF);
```

Description

This is constant RED.

1.7.425 RED2

File: DelphiGamekit.pas (see page 426)

Delphi

```
RED2: TColor = (Red:$7E; Green:$32; BLue:$3F; Alpha:255);
```

Description

This is constant RED2.

1.7.426 ROSYBROWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
ROSYBROWN: TColor = (Red:$BC; Green:$8F; BLue:$8F; Alpha:$FF);
```

Description

This is constant ROSYBROWN.

1.7.427 ROYALBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
ROYALBLUE: TColor = (Red:$41; Green:$69; BLue:$E1; Alpha:$FF);
```

Description

This is constant ROYALBLUE.

1.7.428 SADDLEBROWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
SADDLEBROWN: TColor = (Red:$8B; Green:$45; BLue:$13; Alpha:$FF);
```

Description

This is constant SADDLEBROWN.

1.7.429 SALMON

File: DelphiGamekit.pas (see page 426)

Delphi

```
SALMON: TColor = (Red:$FA; Green:$80; BLue:$72; Alpha:$FF);
```

Description

This is constant SALMON.

1.7.430 SANDYBROWN

File: DelphiGamekit.pas (see page 426)

Delphi

```
SANDYBROWN: TColor = (Red:$F4; Green:$A4; BLue:$60; Alpha:$FF);
```

Description

This is constant SANDYBROWN.

1.7.431 SEAGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
SEAGREEN: TColor = (Red:$2E; Green:$8B; BLue:$57; Alpha:$FF);
```

Description

This is constant SEAGREEN.

1.7.432 SEASHELL

File: DelphiGamekit.pas (see page 426)

Delphi

```
SEASHELL: TColor = (Red:$FF; Green:$F5; BLue:$EE; Alpha:$FF);
```

Description

This is constant SEASHELL.

1.7.433 SIENNA

File: DelphiGamekit.pas (see page 426)

Delphi

```
SIENNA: TColor = (Red:$A0; Green:$52; BLue:$2D; Alpha:$FF);
```

Description

This is constant SIENNA.

1.7.434 SILVER

File: DelphiGamekit.pas (see page 426)

Delphi

```
SILVER: TColor = (Red:$C0; Green:$C0; BLue:$C0; Alpha:$FF);
```

Description

This is constant SILVER.

1.7.435 SKYBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
SKYBLUE: TColor = (Red:$87; Green:$CE; BLue:$EB; Alpha:$FF);
```

Description

This is constant SKYBLUE.

1.7.436 SLATEBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
SLATEBLUE: TColor = (Red:$6A; Green:$5A; BLue:$CD; Alpha:$FF);
```

Description

This is constant SLATEBLUE.

1.7.437 SLATEGRAY

File: DelphiGamekit.pas (see page 426)

Delphi

```
SLATEGRAY: TColor = (Red:$70; Green:$80; BBlue:$90; Alpha:$FF);
```

Description

This is constant SLATEGRAY.

1.7.438 SLATEGREY

File: DelphiGamekit.pas (see page 426)

Delphi

```
SLATEGREY: TColor = (Red:$70; Green:$80; BBlue:$90; Alpha:$FF);
```

Description

This is constant SLATEGREY.

1.7.439 SNOW

File: DelphiGamekit.pas (see page 426)

Delphi

```
SNOW: TColor = (Red:$FF; Green:$FA; BBlue:$FA; Alpha:$FF);
```

Description

This is constant SNOW.

1.7.440 SPRINGGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
SPRINGGREEN: TColor = (Red:$00; Green:$FF; BBlue:$7F; Alpha:$FF);
```

Description

This is constant SPRINGGREEN.

1.7.441 STEELBLUE

File: DelphiGamekit.pas (see page 426)

Delphi

```
STEELBLUE: TColor = (Red:$46; Green:$82; BBlue:$B4; Alpha:$FF);
```

Description

This is constant STEELBLUE.

1.7.442 TAN

File: DelphiGamekit.pas (see page 426)

Delphi

```
TAN: TColor = (Red:$D2; Green:$B4; BLue:$8C; Alpha:$FF);
```

Description

This is constant TAN.

1.7.443 TEAL

File: DelphiGamekit.pas (see page 426)

Delphi

```
TEAL: TColor = (Red:$00; Green:$80; BLue:$80; Alpha:$FF);
```

Description

This is constant TEAL.

1.7.444 TEXTINPUT_MAXLEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
TEXTINPUT_MAXLEN = 255;
```

Description

This is constant TEXTINPUT_MAXLEN.

1.7.445 THISTLE

File: DelphiGamekit.pas (see page 426)

Delphi

```
THISTLE: TColor = (Red:$D8; Green:$BF; BLue:$D8; Alpha:$FF);
```

Description

This is constant THISTLE.

1.7.446 TIMER_FIXEDUPDATE_SPEED

File: DelphiGamekit.pas (see page 426)

Delphi

```
TIMER_FIXEDUPDATE_SPEED = 60.0;
```

Description

This is constant TIMER_FIXEDUPDATE_SPEED.

1.7.447 TIMER_UPDATE_SPEED

File: DelphiGamekit.pas (see page 426)

Delphi

```
TIMER_UPDATE_SPEED = 60.0;
```

Description

This is constant TIMER_UPDATE_SPEED.

1.7.448 TOMATO

File: DelphiGamekit.pas (see page 426)

Delphi

```
TOMATO: TColor = (Red:$FF; Green:$63; BBlue:$47; Alpha:$FF);
```

Description

This is constant TOMATO.

1.7.449 TURQUOISE

File: DelphiGamekit.pas (see page 426)

Delphi

```
TURQUOISE: TColor = (Red:$40; Green:$E0; BBlue:$D0; Alpha:$FF);
```

Description

This is constant TURQUOISE.

1.7.450 VERSION_MAJOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
VERSION_MAJOR = '0';
```

Description

This is constant VERSION_MAJOR.

1.7.451 VERSION_MINOR

File: DelphiGamekit.pas (see page 426)

Delphi

```
VERSION_MINOR = '1';
```

Description

This is constant VERSION_MINOR.

1.7.452 VERSION_PATCH

File: DelphiGamekit.pas (see page 426)

Delphi

```
VERSION_PATCH = '0';
```

Description

This is constant VERSION_PATCH.

1.7.453 VIDEO_SAMPLEBUFFERSIZE

File: DelphiGamekit.pas (see page 426)

Delphi

```
VIDEO_SAMPLEBUFFERSIZE = 2304;
```

Description

This is constant VIDEO_SAMPLEBUFFERSIZE.

1.7.454 VIOLET

File: DelphiGamekit.pas (see page 426)

Delphi

```
VIOLET: TColor = (Red:$EE; Green:$82; Blue:$EE; Alpha:$FF);
```

Description

This is constant VIOLET.

1.7.455 WHEAT

File: DelphiGamekit.pas (see page 426)

Delphi

```
WHEAT: TColor = (Red:$F5; Green:$DE; BLue:$B3; Alpha:$FF);
```

Description

This is constant WHEAT.

1.7.456 WHITE

File: DelphiGamekit.pas (see page 426)

Delphi

```
WHITE: TColor = (Red:$FF; Green:$FF; BLue:$FF; Alpha:$FF);
```

Description

This is constant WHITE.

1.7.457 WHITE2

File: DelphiGamekit.pas (see page 426)

Delphi

```
WHITE2: TColor = (Red:$F5; Green:$F5; BLue:$F5; Alpha:$FF);
```

Description

This is constant WHITE2.

1.7.458 WHITESMOKE

File: DelphiGamekit.pas (see page 426)

Delphi

```
WHITESMOKE: TColor = (Red:$F5; Green:$F5; BLue:$F5; Alpha:$FF);
```

Description

This is constant WHITESMOKE.

1.7.459 WINDOW_HEIGHT

File: DelphiGamekit.pas (see page 426)

Delphi

```
WINDOW_HEIGHT = 1080 div 2;
```

Description

This is constant WINDOW_HEIGHT.

1.7.460 WINDOW_WIDTH

File: DelphiGamekit.pas (see page 426)

Delphi

```
WINDOW_WIDTH = 1920 div 2;
```

Description

This is constant WINDOW_WIDTH.

1.7.461 YELLOW

File: DelphiGamekit.pas (see page 426)

Delphi

```
YELLOW: TColor = (Red:$FF; Green:$FF; BBlue:$00; Alpha:$FF);
```

Description

This is constant YELLOW.

1.7.462 YELLOWGREEN

File: DelphiGamekit.pas (see page 426)

Delphi

```
YELLOWGREEN: TColor = (Red:$9A; Green:$CD; BBlue:$32; Alpha:$FF);
```

Description

This is constant YELLOWGREEN.

1.8 Files

The following table lists files in this documentation.



Units

DelphiGamekit.pas (see page 426)	This is file DelphiGamekit.pas.
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1.8.1 DelphiGamekit.pas

This is file DelphiGamekit.pas.

Classes

	EBufferException (see page 16)	This is class EBufferException.
	ELuaException (see page 16)	This is class ELuaException.

	ELuaRuntimeException (see page 16)	This is class ELuaRuntimeException.
	ELuaSyntaxError (see page 17)	This is class ELuaSyntaxError.
	TAIActor (see page 17)	This is class TIAActor.
	TAIEntityActor (see page 19)	This is class TAIEntityActor.
	TAIState (see page 21)	This is class TAIState.
	TAIStateMachine (see page 24)	This is class TAIStateMachine.
	TAScreenshake (see page 32)	This is class TAScreenshake.
	TActor (see page 35)	This is class TActor.
	TActorList (see page 43)	This is class TActorList.
	TActorScene (see page 47)	This is class TActorScene.
	TArchive (see page 51)	This is class TArchive.
	TArchiveFile (see page 54)	This is class TArchiveFile.
	TAsyncThread (see page 60)	This is class TAsyncThread.
	TBaseObject (see page 69)	This is class TBaseObject.
	TBuffer (see page 70)	This is class TBuffer.
	TCamera (see page 73)	This is class TCamera.
	TCloudDb (see page 77)	This is class TCloudDb.
	TCmdConsole (see page 85)	This is class TCmdConsole.
	TConfigFile (see page 100)	This is class TConfigFile.
	TEmail (see page 108)	This is class TEmail.
	TEntity (see page 111)	This is class TEntity.
	TEntityActor (see page 129)	This is class TEntityActor.
	TFont (see page 132)	This is class TFont.
	TGame (see page 139)	This is class TGame.
	TGeometry (see page 157)	This is class TGeometry.
	TInAppPurchase (see page 162)	This is class TInAppPurchase.
	TInputMap (see page 172)	This is class TInputMap.
	TLua (see page 180)	This is class TLua.
	TLuaContext (see page 191)	This is class TLuaContext.
	TPolyPoint (see page 203)	This is class TPolyPoint.
	TPolygon (see page 208)	This is class TPolygon.
	TSocial (see page 223)	This is class TSocial.
	TSprite (see page 231)	This is class TSprite.
	TStarfield (see page 238)	This is class TStarfield.
	TTexture (see page 244)	This is class TTexture.

Constants

ALICEBLUE (see page 324)	This is constant ALICEBLUE.
ANTIQUEWHITE (see page 324)	This is constant ANTIQUEWHITE.
AQUA (see page 324)	This is constant AQUA.
AQUAMARINE (see page 324)	This is constant AQUAMARINE.
ARCEXT (see page 324)	This is constant ARCEXT.
AUDIO_CHANNEL_DYNAMIC (see page 325)	This is constant AUDIO_CHANNEL_DYNAMIC.
AUDIO_CHANNEL_FADINGIN (see page 325)	This is constant AUDIO_CHANNEL_FADINGIN.
AUDIO_CHANNEL_FADINGOUT (see page 325)	This is constant AUDIO_CHANNEL_FADINGOUT.
AUDIO_CHANNEL_LOOP (see page 325)	This is constant AUDIO_CHANNEL_LOOP.
AUDIO_CHANNEL_MAX (see page 326)	This is constant AUDIO_CHANNEL_MAX.
AUDIO_CHANNEL_NOFADING (see page 326)	This is constant AUDIO_CHANNEL_NOFADING.

AZURE (see page 326)	This is constant AZURE.
BEIGE (see page 326)	This is constant BEIGE.
BISQUE (see page 326)	This is constant BISQUE.
BLACK (see page 327)	This is constant BLACK.
BLANCHEDALMOND (see page 327)	This is constant BLANCHEDALMOND.
BLANK (see page 327)	This is constant BLANK.
BLUE (see page 327)	This is constant BLUE.
BLUEVIOLET (see page 328)	This is constant BLUEVIOLET.
BROWN (see page 328)	This is constant BROWN.
BURLYWOOD (see page 328)	This is constant BURLYWOOD.
BUTTON_LEFT (see page 328)	This is constant BUTTON_LEFT.
BUTTON_MIDDLE (see page 328)	This is constant BUTTON_MIDDLE.
BUTTON_RIGHT (see page 329)	This is constant BUTTON_RIGHT.
BUTTON_X1 (see page 329)	This is constant BUTTON_X1.
BUTTON_X2 (see page 329)	This is constant BUTTON_X2.
CADETBBLUE (see page 329)	This is constant CADETBBLUE.
CHARTREUSE (see page 330)	This is constant CHARTREUSE.
CHOCOLATE (see page 330)	This is constant CHOCOLATE.
COLORKEY (see page 330)	This is constant COLORKEY.
CONTROLLER_AXIS_LEFTX (see page 330)	This is constant CONTROLLER_AXIS_LEFTX.
CONTROLLER_AXIS_LEFTY (see page 330)	This is constant CONTROLLER_AXIS_LEFTY.
CONTROLLER_AXIS_RIGHTX (see page 331)	This is constant CONTROLLER_AXIS_RIGHTX.
CONTROLLER_AXIS_RIGHTY (see page 331)	This is constant CONTROLLER_AXIS_RIGHTY.
CONTROLLER_AXIS_TRIGGERLEFT (see page 331)	This is constant CONTROLLER_AXIS_TRIGGERLEFT.
CONTROLLER_AXIS_TRIGGERRIGHT (see page 331)	This is constant CONTROLLER_AXIS_TRIGGERRIGHT.
CONTROLLER_BUTTON_A (see page 332)	This is constant CONTROLLER_BUTTON_A.
CONTROLLER_BUTTON_B (see page 332)	This is constant CONTROLLER_BUTTON_B.
CONTROLLER_BUTTON_BACK (see page 332)	This is constant CONTROLLER_BUTTON_BACK.
CONTROLLER_BUTTON_DPAD_DOWN (see page 332)	This is constant CONTROLLER_BUTTON_DPAD_DOWN.
CONTROLLER_BUTTON_DPAD_LEFT (see page 332)	This is constant CONTROLLER_BUTTON_DPAD_LEFT.
CONTROLLER_BUTTON_DPAD_RIGHT (see page 333)	This is constant CONTROLLER_BUTTON_DPAD_RIGHT.
CONTROLLER_BUTTON_DPAD_UP (see page 333)	This is constant CONTROLLER_BUTTON_DPAD_UP.
CONTROLLER_BUTTON_GUIDE (see page 333)	This is constant CONTROLLER_BUTTON_GUIDE.
CONTROLLER_BUTTON_LEFTSHOULDER (see page 333)	This is constant CONTROLLER_BUTTON_LEFTSHOULDER.
CONTROLLER_BUTTON_LEFTSTICK (see page 334)	This is constant CONTROLLER_BUTTON_LEFTSTICK.
CONTROLLER_BUTTON_MISC1 (see page 334)	This is constant CONTROLLER_BUTTON_MISC1.
CONTROLLER_BUTTON_PADDLE1 (see page 334)	This is constant CONTROLLER_BUTTON_PADDLE1.
CONTROLLER_BUTTON_PADDLE2 (see page 334)	This is constant CONTROLLER_BUTTON_PADDLE2.

CONTROLLER_BUTTON_PADDLE3 (see page 334)	This is constant CONTROLLER_BUTTON_PADDLE3.
CONTROLLER_BUTTON_PADDLE4 (see page 335)	This is constant CONTROLLER_BUTTON_PADDLE4.
CONTROLLER_BUTTON_RIGHTSHOULDER (see page 335)	This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.
CONTROLLER_BUTTON_RIGHTSTICK (see page 335)	This is constant CONTROLLER_BUTTON_RIGHTSTICK.
CONTROLLER_BUTTON_START (see page 335)	This is constant CONTROLLER_BUTTON_START.
CONTROLLER_BUTTON_TOUCHPAD (see page 336)	This is constant CONTROLLER_BUTTON_TOUCHPAD.
CONTROLLER_BUTTON_X (see page 336)	This is constant CONTROLLER_BUTTON_X.
CONTROLLER_BUTTON_Y (see page 336)	This is constant CONTROLLER_BUTTON_Y.
CORAL (see page 336)	This is constant CORAL.
CORNFLOWERBLUE (see page 336)	This is constant CORNFLOWERBLUE.
CORNSILK (see page 337)	This is constant CORNSILK.
CR (see page 337)	This is constant CR.
CRIMSON (see page 337)	This is constant CRIMSON.
CRLF (see page 337)	This is constant CRLF.
CYAN (see page 338)	This is constant CYAN.
DARKBLUE (see page 338)	This is constant DARKBLUE.
DARKCYAN (see page 338)	This is constant DARKCYAN.
DARKGOLDENROD (see page 338)	This is constant DARKGOLDENROD.
DARKGRAY (see page 338)	This is constant DARKGRAY.
DARKGREEN (see page 339)	This is constant DARKGREEN.
DARKGREY (see page 339)	This is constant DARKGREY.
DARKKHAKI (see page 339)	This is constant DARKKHAKI.
DARKMAGENTA (see page 339)	This is constant DARKMAGENTA.
DARKLIVEGREEN (see page 340)	This is constant DARKLIVEGREEN.
DARKORANGE (see page 340)	This is constant DARKORANGE.
DARKORCHID (see page 340)	This is constant DARKORCHID.
DARKRED (see page 340)	This is constant DARKRED.
DARKSALMON (see page 340)	This is constant DARKSALMON.
DARKSEAGREEN (see page 341)	This is constant DARKSEAGREEN.
DARKSLATEBLUE (see page 341)	This is constant DARKSLATEBLUE.
DARKSLATEBROWN (see page 341)	This is constant DARKSLATEBROWN.
DARKSLATEGRAY (see page 341)	This is constant DARKSLATEGRAY.
DARKTURQUOISE (see page 342)	This is constant DARKTURQUOISE.
DARKVIOLET (see page 342)	This is constant DARKVIOLET.
DEEPPINK (see page 342)	This is constant DEEPPINK.
DEEPSKYBLUE (see page 342)	This is constant DEEPSKYBLUE.
DEGTORAD (see page 342)	This is constant DEGTORAD.
DIMGRAY (see page 343)	This is constant DIMGRAY.
DIMWHITE (see page 343)	This is constant DIMWHITE.
DODGERBLUE (see page 343)	This is constant DODGERBLUE.
EPSILON (see page 343)	This is constant EPSILON.
FIREBRICK (see page 344)	This is constant FIREBRICK.
FLORALWHITE (see page 344)	This is constant FLORALWHITE.
FORESTGREEN (see page 344)	This is constant FORESTGREEN.

FUCHSIA (see page 344)	This is constant FUCHSIA.
GAINSBORO (see page 344)	This is constant GAINSBORO.
GHOSTWHITE (see page 345)	This is constant GHOSTWHITE.
GOLD (see page 345)	This is constant GOLD.
GOLDENROD (see page 345)	This is constant GOLDENROD.
GRAY (see page 345)	This is constant GRAY.
GREEN (see page 346)	This is constant GREEN.
GREENYELLOW (see page 346)	This is constant GREENYELLOW.
GREY (see page 346)	This is constant GREY.
HONEYDEW (see page 346)	This is constant HONEYDEW.
HOTPINK (see page 346)	This is constant HOTPINK.
INDIANRED (see page 347)	This is constant INDIANRED.
INDIGO (see page 347)	This is constant INDIGO.
INIEXT (see page 347)	This is constant INIEXT.
IVORY (see page 347)	This is constant IVORY.
KEY_0 (see page 348)	This is constant KEY_0.
KEY_1 (see page 348)	This is constant KEY_1.
KEY_2 (see page 348)	This is constant KEY_2.
KEY_3 (see page 348)	This is constant KEY_3.
KEY_4 (see page 348)	This is constant KEY_4.
KEY_5 (see page 349)	This is constant KEY_5.
KEY_6 (see page 349)	This is constant KEY_6.
KEY_7 (see page 349)	This is constant KEY_7.
KEY_8 (see page 349)	This is constant KEY_8.
KEY_9 (see page 350)	This is constant KEY_9.
KEY_A (see page 350)	This is constant KEY_A.
KEY_AC_BACK (see page 350)	This is constant KEY_AC_BACK.
KEY_AC_BOOKMARKS (see page 350)	This is constant KEY_AC_BOOKMARKS.
KEY_AC_FORWARD (see page 350)	This is constant KEY_AC_FORWARD.
KEY_AC_HOME (see page 351)	This is constant KEY_AC_HOME.
KEY_AC_REFRESH (see page 351)	This is constant KEY_AC_REFRESH.
KEY_AC_SEARCH (see page 351)	This is constant KEY_AC_SEARCH.
KEY_AC_STOP (see page 351)	This is constant KEY_AC_STOP.
KEY_AGAIN (see page 352)	This is constant KEY_AGAIN.
KEY_ALTERASE (see page 352)	This is constant KEY_ALTERASE.
KEY_APOSTROPHE (see page 352)	This is constant KEY_APOSTROPHE.
KEY_APP1 (see page 352)	This is constant KEY_APP1.
KEY_APP2 (see page 352)	This is constant KEY_APP2.
KEY_APPLICATION (see page 353)	This is constant KEY_APPLICATION.
KEY_AUDIOFASTFORWARD (see page 353)	This is constant KEY_AUDIOFASTFORWARD.
KEY_AUDIOMUTE (see page 353)	This is constant KEY_AUDIOMUTE.
KEY_AUDIONEXT (see page 353)	This is constant KEY_AUDIONEXT.
KEY_AUDIOPLAY (see page 354)	This is constant KEY_AUDIOPLAY.
KEY_AUDIOPREV (see page 354)	This is constant KEY_AUDIOPREV.
KEY_AUDIOREWIND (see page 354)	This is constant KEY_AUDIOREWIND.
KEY_AUDIOSTOP (see page 354)	This is constant KEY_AUDIOSTOP.
KEY_B (see page 354)	This is constant KEY_B.
KEY_BACKSLASH (see page 355)	This is constant KEY_BACKSLASH.
KEY_BACKSPACE (see page 355)	This is constant KEY_BACKSPACE.

KEY_BRIGHTNESSDOWN (see page 355)	This is constant KEY_BRIGHTNESSDOWN.
KEY_BRIGHTNESSUP (see page 355)	This is constant KEY_BRIGHTNESSUP.
KEY_C (see page 356)	This is constant KEY_C.
KEY_CALCULATOR (see page 356)	This is constant KEY_CALCULATOR.
KEY_CALL (see page 356)	This is constant KEY_CALL.
KEY_CANCEL (see page 356)	This is constant KEY_CANCEL.
KEY_CAPSLOCK (see page 356)	This is constant KEY_CAPSLOCK.
KEY_CLEAR (see page 357)	This is constant KEY_CLEAR.
KEY_CLEARAGAIN (see page 357)	This is constant KEY_CLEARAGAIN.
KEY_COMMA (see page 357)	This is constant KEY_COMMA.
KEY_COMPUTER (see page 357)	This is constant KEY_COMPUTER.
KEY_COPY (see page 358)	This is constant KEY_COPY.
KEY_CRSEL (see page 358)	This is constant KEY_CRSEL.
KEY_CURRENCYSUBUNIT (see page 358)	This is constant KEY_CURRENCYSUBUNIT.
KEY_CURRENCYUNIT (see page 358)	This is constant KEY_CURRENCYUNIT.
KEY_CUT (see page 358)	This is constant KEY_CUT.
KEY_D (see page 359)	This is constant KEY_D.
KEY_DECIMALSEPARATOR (see page 359)	This is constant KEY_DECIMALSEPARATOR.
KEY_DELETE (see page 359)	This is constant KEY_DELETE.
KEY_DISPLAYSWITCH (see page 359)	This is constant KEY_DISPLAYSWITCH.
KEY_DOWN (see page 360)	This is constant KEY_DOWN.
KEY_E (see page 360)	This is constant KEY_E.
KEY_EJECT (see page 360)	This is constant KEY_EJECT.
KEY_END (see page 360)	This is constant KEY_END.
KEY_ENDCALL (see page 360)	This is constant KEY_ENDCALL.
KEY_EQUALS (see page 361)	This is constant KEY_EQUALS.
KEY_ESCAPE (see page 361)	This is constant KEY_ESCAPE.
KEY_EXECUTE (see page 361)	This is constant KEY_EXECUTE.
KEY_F (see page 361)	This is constant KEY_F.
KEY_F1 (see page 362)	This is constant KEY_F1.
KEY_F10 (see page 362)	This is constant KEY_F10.
KEY_F11 (see page 362)	This is constant KEY_F11.
KEY_F12 (see page 362)	This is constant KEY_F12.
KEY_F13 (see page 362)	This is constant KEY_F13.
KEY_F14 (see page 363)	This is constant KEY_F14.
KEY_F15 (see page 363)	This is constant KEY_F15.
KEY_F16 (see page 363)	This is constant KEY_F16.
KEY_F17 (see page 363)	This is constant KEY_F17.
KEY_F18 (see page 364)	This is constant KEY_F18.
KEY_F19 (see page 364)	This is constant KEY_F19.
KEY_F2 (see page 364)	This is constant KEY_F2.
KEY_F20 (see page 364)	This is constant KEY_F20.
KEY_F21 (see page 364)	This is constant KEY_F21.
KEY_F22 (see page 365)	This is constant KEY_F22.
KEY_F23 (see page 365)	This is constant KEY_F23.
KEY_F24 (see page 365)	This is constant KEY_F24.
KEY_F3 (see page 365)	This is constant KEY_F3.
KEY_F4 (see page 366)	This is constant KEY_F4.
KEY_F5 (see page 366)	This is constant KEY_F5.

KEY_F6 (see page 366)	This is constant KEY_F6.
KEY_F7 (see page 366)	This is constant KEY_F7.
KEY_F8 (see page 366)	This is constant KEY_F8.
KEY_F9 (see page 367)	This is constant KEY_F9.
KEY_FIND (see page 367)	This is constant KEY_FIND.
KEY_G (see page 367)	This is constant KEY_G.
KEY_GRAVE (see page 367)	This is constant KEY_GRAVE.
KEY_H (see page 368)	This is constant KEY_H.
KEY_HELP (see page 368)	This is constant KEY_HELP.
KEY_HOME (see page 368)	This is constant KEY_HOME.
KEY_I (see page 368)	This is constant KEY_I.
KEY_INSERT (see page 368)	This is constant KEY_INSERT.
KEY_INTERNATIONAL1 (see page 369)	This is constant KEY_INTERNATIONAL1.
KEY_INTERNATIONAL2 (see page 369)	This is constant KEY_INTERNATIONAL2.
KEY_INTERNATIONAL3 (see page 369)	This is constant KEY_INTERNATIONAL3.
KEY_INTERNATIONAL4 (see page 369)	This is constant KEY_INTERNATIONAL4.
KEY_INTERNATIONAL5 (see page 370)	This is constant KEY_INTERNATIONAL5.
KEY_INTERNATIONAL6 (see page 370)	This is constant KEY_INTERNATIONAL6.
KEY_INTERNATIONAL7 (see page 370)	This is constant KEY_INTERNATIONAL7.
KEY_INTERNATIONAL8 (see page 370)	This is constant KEY_INTERNATIONAL8.
KEY_INTERNATIONAL9 (see page 370)	This is constant KEY_INTERNATIONAL9.
KEY_J (see page 371)	This is constant KEY_J.
KEY_K (see page 371)	This is constant KEY_K.
KEY_KBDILLUMDOWN (see page 371)	This is constant KEY_KBDILLUMDOWN.
KEY_KBDILLUMTOGGLE (see page 371)	This is constant KEY_KBDILLUMTOGGLE.
KEY_KBDILLUMUP (see page 372)	This is constant KEY_KBDILLUMUP.
KEY_KP_0 (see page 372)	This is constant KEY_KP_0.
KEY_KP_00 (see page 372)	This is constant KEY_KP_00.
KEY_KP_000 (see page 372)	This is constant KEY_KP_000.
KEY_KP_1 (see page 372)	This is constant KEY_KP_1.
KEY_KP_2 (see page 373)	This is constant KEY_KP_2.
KEY_KP_3 (see page 373)	This is constant KEY_KP_3.
KEY_KP_4 (see page 373)	This is constant KEY_KP_4.
KEY_KP_5 (see page 373)	This is constant KEY_KP_5.
KEY_KP_6 (see page 374)	This is constant KEY_KP_6.
KEY_KP_7 (see page 374)	This is constant KEY_KP_7.
KEY_KP_8 (see page 374)	This is constant KEY_KP_8.
KEY_KP_9 (see page 374)	This is constant KEY_KP_9.
KEY_KP_A (see page 374)	This is constant KEY_KP_A.
KEY_KP_AMPERSAND (see page 375)	This is constant KEY_KP_AMPERSAND.
KEY_KP_AT (see page 375)	This is constant KEY_KP_AT.
KEY_KP_B (see page 375)	This is constant KEY_KP_B.
KEY_KP_BACKSPACE (see page 375)	This is constant KEY_KP_BACKSPACE.
KEY_KP_BINARY (see page 376)	This is constant KEY_KP_BINARY.
KEY_KP_C (see page 376)	This is constant KEY_KP_C.
KEY_KP_CLEAR (see page 376)	This is constant KEY_KP_CLEAR.
KEY_KP_CLEARENTRY (see page 376)	This is constant KEY_KP_CLEARENTRY.
KEY_KP_COLON (see page 376)	This is constant KEY_KP_COLON.
KEY_KP_COMMA (see page 377)	This is constant KEY_KP_COMMA.

KEY_KP_D (see page 377)	This is constant KEY_KP_D.
KEY_KP_DBLAMPERSAND (see page 377)	This is constant KEY_KP_DBLAMPERSAND.
KEY_KP_DBLVERTICALBAR (see page 377)	This is constant KEY_KP_DBLVERTICALBAR.
KEY_KP_DECIMAL (see page 378)	This is constant KEY_KP_DECIMAL.
KEY_KP_DIVIDE (see page 378)	This is constant KEY_KP_DIVIDE.
KEY_KP_E (see page 378)	This is constant KEY_KP_E.
KEY_KP_ENTER (see page 378)	This is constant KEY_KP_ENTER.
KEY_KP_EQUALS (see page 378)	This is constant KEY_KP_EQUALS.
KEY_KP_EQUALSAS400 (see page 379)	This is constant KEY_KP_EQUALSAS400.
KEY_KP_EXCLAM (see page 379)	This is constant KEY_KP_EXCLAM.
KEY_KP_F (see page 379)	This is constant KEY_KP_F.
KEY_KP_GREATER (see page 379)	This is constant KEY_KP_GREATER.
KEY_KP_HASH (see page 380)	This is constant KEY_KP_HASH.
KEY_KP_HEXADECEMAL (see page 380)	This is constant KEY_KP_HEXADECEMAL.
KEY_KP_LEFTBRACE (see page 380)	This is constant KEY_KP_LEFTBRACE.
KEY_KP_LEFTPAREN (see page 380)	This is constant KEY_KP_LEFTPAREN.
KEY_KP_LESS (see page 380)	This is constant KEY_KP_LESS.
KEY_KP_MEMADD (see page 381)	This is constant KEY_KP_MEMADD.
KEY_KP_MEMCLEAR (see page 381)	This is constant KEY_KP_MEMCLEAR.
KEY_KP_MEMDIVIDE (see page 381)	This is constant KEY_KP_MEMDIVIDE.
KEY_KP_MEMMULTIPLY (see page 381)	This is constant KEY_KP_MEMMULTIPLY.
KEY_KP_MEMRECALL (see page 382)	This is constant KEY_KP_MEMRECALL.
KEY_KP_MEMSTORE (see page 382)	This is constant KEY_KP_MEMSTORE.
KEY_KP_MEMSUBTRACT (see page 382)	This is constant KEY_KP_MEMSUBTRACT.
KEY_KP_MINUS (see page 382)	This is constant KEY_KP_MINUS.
KEY_KP_MULTIPLY (see page 382)	This is constant KEY_KP_MULTIPLY.
KEY_KP_OCTAL (see page 383)	This is constant KEY_KP_OCTAL.
KEY_KP_PERCENT (see page 383)	This is constant KEY_KP_PERCENT.
KEY_KP_PERIOD (see page 383)	This is constant KEY_KP_PERIOD.
KEY_KP_PLUS (see page 383)	This is constant KEY_KP_PLUS.
KEY_KP_PLUSMINUS (see page 384)	This is constant KEY_KP_PLUSMINUS.
KEY_KP_POWER (see page 384)	This is constant KEY_KP_POWER.
KEY_KP_RIGHTBRACE (see page 384)	This is constant KEY_KP_RIGHTBRACE.
KEY_KP_RIGHTPAREN (see page 384)	This is constant KEY_KP_RIGHTPAREN.
KEY_KP_SPACE (see page 384)	This is constant KEY_KP_SPACE.
KEY_KP_TAB (see page 385)	This is constant KEY_KP_TAB.
KEY_KP_VERTICALBAR (see page 385)	This is constant KEY_KP_VERTICALBAR.
KEY_KP_XOR (see page 385)	This is constant KEY_KP_XOR.
KEY_L (see page 385)	This is constant KEY_L.
KEY_LALT (see page 386)	This is constant KEY_LALT.
KEY_LANG1 (see page 386)	This is constant KEY_LANG1.
KEY_LANG2 (see page 386)	This is constant KEY_LANG2.
KEY_LANG3 (see page 386)	This is constant KEY_LANG3.
KEY_LANG4 (see page 386)	This is constant KEY_LANG4.
KEY_LANG5 (see page 387)	This is constant KEY_LANG5.
KEY_LANG6 (see page 387)	This is constant KEY_LANG6.
KEY_LANG7 (see page 387)	This is constant KEY_LANG7.
KEY_LANG8 (see page 387)	This is constant KEY_LANG8.
KEY_LANG9 (see page 388)	This is constant KEY_LANG9.















KEY_LCTRL (see page 388)	This is constant KEY_LCTRL.
KEY_LEFT (see page 388)	This is constant KEY_LEFT.
KEY_LEFTBRACKET (see page 388)	This is constant KEY_LEFTBRACKET.
KEY_LGUI (see page 388)	This is constant KEY_LGUI.
KEY_LSHIFT (see page 389)	This is constant KEY_LSHIFT.
KEY_M (see page 389)	This is constant KEY_M.
KEY_MAIL (see page 389)	This is constant KEY_MAIL.
KEY_MEDIASELECT (see page 389)	This is constant KEY_MEDIASELECT.
KEY_MENU (see page 390)	This is constant KEY_MENU.
KEY_MINUS (see page 390)	This is constant KEY_MINUS.
KEY_MODE (see page 390)	This is constant KEY_MODE.
KEY_MUTE (see page 390)	This is constant KEY_MUTE.
KEY_N (see page 390)	This is constant KEY_N.
KEY_NONUSBACKSLASH (see page 391)	This is constant KEY_NONUSBACKSLASH.
KEY_NONUSHASH (see page 391)	This is constant KEY_NONUSHASH.
KEY_NUMLOCKCLEAR (see page 391)	This is constant KEY_NUMLOCKCLEAR.
KEY_O (see page 391)	This is constant KEY_O.
KEY_OPER (see page 392)	This is constant KEY_OPER.
KEY_OUT (see page 392)	This is constant KEY_OUT.
KEY_P (see page 392)	This is constant KEY_P.
KEY_PAGEDOWN (see page 392)	This is constant KEY_PAGEDOWN.
KEY_PAGEUP (see page 392)	This is constant KEY_PAGEUP.
KEY_PASTE (see page 393)	This is constant KEY_PASTE.
KEY_PAUSE (see page 393)	This is constant KEY_PAUSE.
KEY_PERIOD (see page 393)	This is constant KEY_PERIOD.
KEY_POWER (see page 393)	This is constant KEY_POWER.
KEY_PRINTSCREEN (see page 394)	This is constant KEY_PRINTSCREEN.
KEY_PRIOR (see page 394)	This is constant KEY_PRIOR.
KEY_Q (see page 394)	This is constant KEY_Q.
KEY_R (see page 394)	This is constant KEY_R.
KEY_RALT (see page 394)	This is constant KEY_RALT.
KEY_RCTRL (see page 395)	This is constant KEY_RCTRL.
KEY_RETURN (see page 395)	This is constant KEY_RETURN.
KEY_RETURN2 (see page 395)	This is constant KEY_RETURN2.
KEY_RGUI (see page 395)	This is constant KEY_RGUI.
KEY_RIGHT (see page 396)	This is constant KEY_RIGHT.
KEY_RIGHTBRACKET (see page 396)	This is constant KEY_RIGHTBRACKET.
KEY_RSHIFT (see page 396)	This is constant KEY_RSHIFT.
KEY_S (see page 396)	This is constant KEY_S.
KEY_SCROLLLOCK (see page 396)	This is constant KEY_SCROLLLOCK.
KEY_SELECT (see page 397)	This is constant KEY_SELECT.
KEY_SEMICOLON (see page 397)	This is constant KEY_SEMICOLON.
KEY_SEPARATOR (see page 397)	This is constant KEY_SEPARATOR.
KEY_SLASH (see page 397)	This is constant KEY_SLASH.
KEY_SLEEP (see page 398)	This is constant KEY_SLEEP.
KEY_SOFTLEFT (see page 398)	This is constant KEY_SOFTLEFT.
KEY_SOFTRIGHT (see page 398)	This is constant KEY_SOFTRIGHT.
KEY_SPACE (see page 398)	This is constant KEY_SPACE.
KEY_STOP (see page 398)	This is constant KEY_STOP.

KEY_SYSREQ (see page 399)	This is constant KEY_SYSREQ.
KEY_T (see page 399)	This is constant KEY_T.
KEY_TAB (see page 399)	This is constant KEY_TAB.
KEY_THOUSANDSSEPARATOR (see page 399)	This is constant KEY_THOUSANDSSEPARATOR.
KEY_U (see page 400)	This is constant KEY_U.
KEY_UNDO (see page 400)	This is constant KEY_UNDO.
KEY_UP (see page 400)	This is constant KEY_UP.
KEY_V (see page 400)	This is constant KEY_V.
KEY_VOLUMEDOWN (see page 400)	This is constant KEY_VOLUMEDOWN.
KEY_VOLUMEUP (see page 401)	This is constant KEY_VOLUMEUP.
KEY_W (see page 401)	This is constant KEY_W.
KEY_WWW (see page 401)	This is constant KEY_WWW.
KEY_X (see page 401)	This is constant KEY_X.
KEY_Y (see page 402)	This is constant KEY_Y.
KEY_Z (see page 402)	This is constant KEY_Z.
KHAKI (see page 402)	This is constant KHAKI.
LAVENDER (see page 402)	This is constant LAVENDER.
LAVENDERBLUSH (see page 402)	This is constant LAVENDERBLUSH.
LAWNGREEN (see page 403)	This is constant LAWNGREEN.
LEMONCHIFFON (see page 403)	This is constant LEMONCHIFFON.
LF (see page 403)	This is constant LF.
LIGHTBLUE (see page 403)	This is constant LIGHTBLUE.
LIGHTCORAL (see page 404)	This is constant LIGHTCORAL.
LIGHTCYAN (see page 404)	This is constant LIGHTCYAN.
LIGHTGOLDENRODYELLOW (see page 404)	This is constant LIGHTGOLDENRODYELLOW.
LIGHTGRAY (see page 404)	This is constant LIGHTGRAY.
LIGHTGREEN (see page 404)	This is constant LIGHTGREEN.
LIGHTGREY (see page 405)	This is constant LIGHTGREY.
LIGHTPINK (see page 405)	This is constant LIGHTPINK.
LIGHTSALMON (see page 405)	This is constant LIGHTSALMON.
LIGHTSEAGREEN (see page 405)	This is constant LIGHTSEAGREEN.
LIGHTSKYBLUE (see page 406)	This is constant LIGHTSKYBLUE.
LIGHTSLATEGRAY (see page 406)	This is constant LIGHTSLATEGRAY.
LIGHTSLATEGREY (see page 406)	This is constant LIGHTSLATEGREY.
LIGHTSTEELBLUE (see page 406)	This is constant LIGHTSTEELBLUE.
LIGHTYELLOW (see page 406)	This is constant LIGHTYELLOW.
LIME (see page 407)	This is constant LIME.
LIMEGREEN (see page 407)	This is constant LIMEGREEN.
LINEN (see page 407)	This is constant LINEN.
LOGEXT (see page 407)	This is constant LOGEXT.
LUACEXT (see page 408)	This is constant LUACEXT.
LUAEXT (see page 408)	This is constant LUAEXT.
LuSCANCODE_EXSEL (see page 408)	This is constant LuSCANCODE_EXSEL.
MAGENTA (see page 408)	This is constant MAGENTA.
MAROON (see page 408)	This is constant MAROON.
MEDIUMAQUAMARINE (see page 409)	This is constant MEDIUMAQUAMARINE.
MEDIUMBLUE (see page 409)	This is constant MEDIUMBLUE.
MEDIUMORCHID (see page 409)	This is constant MEDIUMORCHID.




MEDIUMPURPLE (see page 409)	This is constant MEDIUMPURPLE.
MEDIUMSEAGREEN (see page 410)	This is constant MEDIUMSEAGREEN.
MEDIUMSLATEBLUE (see page 410)	This is constant MEDIUMSLATEBLUE.
MEDIUMSPRINGGREEN (see page 410)	This is constant MEDIUMSPRINGGREEN.
MEDIUMTURQUOISE (see page 410)	This is constant MEDIUMTURQUOISE.
MEDIUMVIOLETRED (see page 410)	This is constant MEDIUMVIOLETRED.
MIDNIGHTBLUE (see page 411)	This is constant MIDNIGHTBLUE.
MINTCREAM (see page 411)	This is constant MINTCREAM.
MISTYROSE (see page 411)	This is constant MISTYROSE.
MOCCASIN (see page 411)	This is constant MOCCASIN.
MPGEXT (see page 412)	This is constant MPGEXT.
NAN (see page 412)	This is constant NAN.
NAVAJOWHITE (see page 412)	This is constant NAVAJOWHITE.
NAVY (see page 412)	This is constant NAVY.
OGGEXT (see page 412)	This is constant OGGEXT.
OLDLACE (see page 413)	This is constant OLDLACE.
OLIVE (see page 413)	This is constant OLIVE.
OLIVEDRAB (see page 413)	This is constant OLIVEDRAB.
ORANGE (see page 413)	This is constant ORANGE.
ORANGERED (see page 414)	This is constant ORANGERED.
ORCHID (see page 414)	This is constant ORCHID.
OVERLAY1 (see page 414)	This is constant OVERLAY1.
OVERLAY2 (see page 414)	This is constant OVERLAY2.
PALEGOLDENROD (see page 414)	This is constant PALEGOLDENROD.
PALEGREEN (see page 415)	This is constant PALEGREEN.
PALETURQUOISE (see page 415)	This is constant PALETURQUOISE.
PALEVIOLETRED (see page 415)	This is constant PALEVIOLETRED.
PAPAYAWHIP (see page 415)	This is constant PAPAYAWHIP.
PEACHPUFF (see page 416)	This is constant PEACHPUFF.
PERU (see page 416)	This is constant PERU.
PINK (see page 416)	This is constant PINK.
PLUM (see page 416)	This is constant PLUM.
PNGEXT (see page 416)	This is constant PNGEXT.
POWDERBLUE (see page 417)	This is constant POWDERBLUE.
PURPLE (see page 417)	This is constant PURPLE.
RADTODEG (see page 417)	This is constant RADTODEG.
REBECCAPURPLE (see page 417)	This is constant REBECCAPURPLE.
RED (see page 418)	This is constant RED.
RED2 (see page 418)	This is constant RED2.
ROSYBROWN (see page 418)	This is constant ROSYBROWN.
ROYALBLUE (see page 418)	This is constant ROYALBLUE.
SADDLEBROWN (see page 418)	This is constant SADDLEBROWN.
SALMON (see page 419)	This is constant SALMON.
SANDYBROWN (see page 419)	This is constant SANDYBROWN.
SEAGREEN (see page 419)	This is constant SEAGREEN.
SEASHELL (see page 419)	This is constant SEASHELL.
SIENNA (see page 420)	This is constant SIENNA.
SILVER (see page 420)	This is constant SILVER.
SKYBLUE (see page 420)	This is constant SKYBLUE.

SLATEBLUE (see page 420)	This is constant SLATEBLUE.
SLATEGRAY (see page 420)	This is constant SLATEGRAY.
SLATEGREY (see page 421)	This is constant SLATEGREY.
SNOW (see page 421)	This is constant SNOW.
SPRINGGREEN (see page 421)	This is constant SPRINGGREEN.
STEELBLUE (see page 421)	This is constant STEELBLUE.
TAN (see page 422)	This is constant TAN.
TEAL (see page 422)	This is constant TEAL.
TEXTINPUT_MAXLEN (see page 422)	This is constant TEXTINPUT_MAXLEN.
THISTLE (see page 422)	This is constant THISTLE.
TIMER_FIXEDUPDATE_SPEED (see page 422)	This is constant TIMER_FIXEDUPDATE_SPEED.
TIMER_UPDATE_SPEED (see page 423)	This is constant TIMER_UPDATE_SPEED.
TOMATO (see page 423)	This is constant TOMATO.
TURQUOISE (see page 423)	This is constant TURQUOISE.
VERSION_MAJOR (see page 423)	This is constant VERSION_MAJOR.
VERSION_MINOR (see page 424)	This is constant VERSION_MINOR.
VERSION_PATCH (see page 424)	This is constant VERSION_PATCH.
VIDEO_SAMPLEBUFFERSIZE (see page 424)	This is constant VIDEO_SAMPLEBUFFERSIZE.
VIOLET (see page 424)	This is constant VIOLET.
WHEAT (see page 424)	This is constant WHEAT.
WHITE (see page 425)	This is constant WHITE.
WHITE2 (see page 425)	This is constant WHITE2.
WHITESMOKE (see page 425)	This is constant WHITESMOKE.
WINDOW_HEIGHT (see page 425)	This is constant WINDOW_HEIGHT.
WINDOW_WIDTH (see page 426)	This is constant WINDOW_WIDTH.
YELLOW (see page 426)	This is constant YELLOW.
YELLOWGREEN (see page 426)	This is constant YELLOWGREEN.


Enumerations

	TAudioFading (see page 304)	This is record TAudioFading.
	TBlendMode (see page 305)	This is record TBlendMode.
	TEaseType (see page 305)	This is record TEaseType.
	TFlipMode (see page 306)	This is record TFlipMode.
	THAlign (see page 306)	This is record THAlign.
	TInputDevice (see page 306)	This is record TInputDevice.
	TLineIntersection (see page 306)	This is record TLineIntersection.
	TLuaTable (see page 307)	This is record TLuaTable.
	TLuaType (see page 307)	This is record TLuaType.
	TLuaValueType (see page 307)	This is record TLuaValueType.
	TSpeechVoiceAttribute (see page 308)	This is record TSpeechVoiceAttribute.
	TTextureAccess (see page 308)	This is record TTextureAccess.
	TVAlign (see page 308)	This is record TVAlign.
	TVideoStatus (see page 308)	This is record TVideoStatus.



Functions

	AddSelfToUserPath (see page 285)	This is function AddSelfToUserPath.
	AngleCos (see page 285)	This is function AngleCos.
	AngleDiff (see page 285)	This is function AngleDiff.
















◆	AngleRotatePos (see page 286)	This is function AngleRotatePos.
◆	AngleSin (see page 286)	This is function AngleSin.
◆	CaptureConsoleOutput (see page 286)	This is function CaptureConsoleOutput.
◆	CircleInRectangle (see page 286)	This is function CircleInRectangle.
◆	CirclesOverlap (see page 287)	This is function CirclesOverlap.
◆	ClipVaLue (see page 287)	This is function ClipVaLue.
◆	ClipVaLuef (see page 287)	This is function ClipVaLuef.
◆	CreateDirsInPath (see page 288)	This is function CreateDirsInPath.
◆	EasePosition (see page 288)	This is function EasePosition.
◆	EaseValue (see page 288)	This is function EaseValue.
◆	ExpandRelDirectory (see page 288)	This is function ExpandRelDirectory.
◆	ExpandRelFilename (see page 289)	This is function ExpandRelFilename.
◆	ExtractRelativeDirectory (see page 289)	This is function ExtractRelativeDirectory.
◆	ExtractRelativeFilename (see page 289)	This is function ExtractRelativeFilename.
◆	FreeNilObject (see page 289)	This is function FreeNilObject.
◆	GetDirName (see page 290)	This is function GetDirName.
◆	GetEnvVarValue (see page 290)	This is function GetEnvVarValue.
◆	GetExeBasePath (see page 290)	This is function GetExeBasePath.
◆	GetExePath (see page 290)	This is function GetExePath.
◆	GetFileRWops (see page 291)	This is function GetFileRWops.
◆	GetMemRWops (see page 291)	This is function GetMemRWops.
◆	GetRandomSeed (see page 291)	This is function GetRandomSeed.
◆	GetSemVerStr (see page 291)	This is function GetSemVerStr.
◆	GetUUID (see page 292)	This is function GetUUID.
◆	GetVersionInfo (see page 292)	This is function GetVersionInfo.
◆	GetVersionInfo (see page 292)	This is function GetVersionInfo.
◆	HasConsoleOutput (see page 292)	This is function HasConsoleOutput.
◆	HttpGet (see page 293)	This is function HttpGet.
◆	IsCurrentDir (see page 293)	This is function IsCurrentDir.
◆	IsSingleInstance (see page 293)	This is function IsSingleInstance.
◆	IsValidFilename (see page 293)	This is function IsValidFilename.
◆	Lerp (see page 294)	This is function Lerp.
◆	LineIntersection (see page 294)	This is function LineIntersection.
◆	Pause (see page 294)	This is function Pause.
◆	PointInCircle (see page 295)	This is function PointInCircle.
◆	PointInRectangle (see page 295)	This is function PointInRectangle.
◆	PointInTriangle (see page 295)	This is function PointInTriangle.
◆	Print (see page 295)	This is function Print.
◆	Print (see page 296)	This is function Print.
◆	PrintLn (see page 296)	This is function PrintLn.
◆	PrintLn (see page 296)	This is function PrintLn.
◆	PrintLn (see page 296)	This is function PrintLn.
◆	ProcessMessages (see page 297)	This is function ProcessMessages.
◆	RadiusOverlap (see page 297)	This is function RadiusOverlap.
◆	RandomBool (see page 297)	This is function RandomBool.
◆	RandomRange (see page 297)	This is function RandomRange.








	RandomRange (see page 298)	This is function RandomRange.
	ReadStringFromStream (see page 298)	This is function ReadStringFromStream.
	RectangleIntersection (see page 298)	This is function RectangleIntersection.
	RectanglesOverlap (see page 298)	This is function RectanglesOverlap.
	RemoveDuplicates (see page 299)	This is function RemoveDuplicates.
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