

DelphiGamekit

Make 2D Game in Delphi

Table of Contents

DelphiGamekit	1
Classes	14
EBufferException Class	15
TAScreenshake Class	15
Fields	15
TAScreenshake.FActive Field	15
TAScreenshake.FDuration Field	16
TAScreenshake.FMagnitude Field	16
TAScreenshake.FPos Field	16
TAScreenshake.FTimer Field	16
Methods	16
TAScreenshake.Create Constructor	16
TAScreenshake.Destroy Destructor	17
TAScreenshake.Process Method	17
Properties	17
TAScreenshake.Active Property	17
TArchive Class	17
Methods	18
TArchive.Build Method	18
TArchive.Close Method	18
TArchive.Create Constructor	18
TArchive.Destroy Destructor	19
TArchive.FileExist Method	19
TArchive.IsOpen Method	19
TArchive.Open Method	19
TArchive.OpenFile Method	19
TArchive.OpenFileBuffer Method	20
TArchive.OpenFileRWops Method	20
TArchive.OpenRes Method	20
TArchiveFile Class	20
Methods	21
TArchiveFile.Close Method	21
TArchiveFile.Create Constructor	21
TArchiveFile.Destroy Destructor	21
TArchiveFile.GetPos Method	22
TArchiveFile.GetRWops Method	22
TArchiveFile.GetRWopsRes Method	22
TArchiveFile.IsOpen Method	22

TArchiveFile.Open Method	22
TArchiveFile.OpenRes Method	23
TArchiveFile.ReadData Method	23
TArchiveFile.SaveToBuffer Method	23
TArchiveFile.SaveToFile Method	23
TArchiveFile.SetPos Method	23
TArchiveFile.Size Method	24
TAsync Record	24
Methods	24
TAsync.Busy Method	24
TAsync.Enter Method	25
TAsync.Leave Method	25
TAsync.Process Method	25
TAsync.Resume Method	25
TAsync.Run Method	25
TAsync.Suspend Method	26
Operators	26
TAsync.Finalize Operator	26
TAsync.Initialize Operator	26
TAsyncThread Class	26
Fields	27
TAsyncThread.FFinished Field	27
TAsyncThread.FTask Field	27
TAsyncThread.FWait Field	27
Methods	27
TAsyncThread.Create Constructor	28
TAsyncThread.Destroy Destructor	28
TAsyncThread.Execute Method	28
Properties	28
TAsyncThread.Finished Property	28
TAsyncThread.TaskProc Property	28
TAsyncThread.WaitProc Property	29
TAudio Record	29
Methods	29
TAudio.AllocateSoundChannels Method	30
TAudio.ExpireSound Method	30
TAudio.FadeInSound Method	30
TAudio.FadeOutSound Method	30
TAudio.FadingSound Method	31
TAudio.GetMusicVolume Method	31
TAudio.GetSoundVolume Method	31
TAudio.IsSoundPaused Method	31

TAudio.IsSoundPlaying Method	31
TAudio.LoadMusic Method	32
TAudio.LoadPlayMusic Method	32
TAudio.LoadSound Method	32
TAudio.PauseSound Method	32
TAudio.PlayMusic Method	33
TAudio.PlaySound Method	33
TAudio.ReserveSoundChannels Method	33
TAudio.ResumeSound Method	33
TAudio.SetMusicVolume Method	33
TAudio.SetSoundPosition Method	34
TAudio.SetSoundVolume Method	34
TAudio.StopSound Method	34
TAudio.UnloadMusic Method	34
TAudio.UnloadSound Method	35
Operators	35
TAudio.Finalize Operator	35
TAudio.Initialize Operator	35
TBaseObject Class	35
Methods	36
TBaseObject.Create Constructor	36
TBaseObject.Destroy Destructor	36
TBuffer Class	36
Fields	36
TBuffer.FHandle Field	37
TBuffer.FName Field	37
Methods	37
TBuffer.Clear Method	37
TBuffer.Create Constructor	37
TBuffer.Destroy Destructor	38
TBuffer.LoadFromFile Method	38
TBuffer.SaveToFile Method	38
TBuffer.Write Method (, Longint)	38
TBuffer.Write Method (TBytes, Longint, Longint)	38
Properties	39
TBuffer.Name Property	39
TCloudDb Class	39
Constants	39
TCloudDb.cURL Constant	39
Fields	40
TCloudDb.FApiKey Field	40
TCloudDb.FDatabase Field	40

TCloudDb.FDataset Field	40
TCloudDb.FHttp Field	41
TCloudDb.FJSON Field	41
TCloudDb.FLastError Field	41
TCloudDb.FMacros Field	41
TCloudDb.FParams Field	41
TCloudDb.FPreparedSQL Field	41
TCloudDb.FResponseText Field	42
TCloudDb.FSQL Field	42
TCloudDb.FUrl Field	42
Methods	42
TCloudDb.AddSQLText Method	43
TCloudDb.ClearSQLText Method	43
TCloudDb.Create Constructor	43
TCloudDb.Destroy Destructor	43
TCloudDb.Execute Method	44
TCloudDb.ExecuteSQL Method	44
TCloudDb.GetField Method	44
TCloudDb.GetLastError Method	44
TCloudDb.GetMacro Method	44
TCloudDb.GetParam Method	45
TCloudDb.GetPreparedSQL Method	45
TCloudDb.GetQueryURL Method	45
TCloudDb.GetResponseText Method	45
TCloudDb.GetSQLText Method	45
TCloudDb.Prepare Method	46
TCloudDb.RecordCount Method	46
TCloudDb.SetMacro Method	46
TCloudDb.SetMacroValue Method	46
TCloudDb.SetParam Method	46
TCloudDb.SetParamValue Method	47
TCloudDb.SetSQLText Method	47
TCloudDb.Setup Method	47
TCmdLine Record	47
Methods	47
TCmdLine.AddParam Method	48
TCmdLine.AddParams Method	48
TCmdLine.Clear Method	48
TCmdLine.Count Method ()	48
TCmdLine.Count Method (string)	49
TCmdLine.Param Method (Integer)	49
TCmdLine.Param Method (string, Integer)	49

TCmdLine.ParamExist Method	49
TCmdLine.ParamIndex Method	49
TCmdLine.ParamValue Method	50
TCmdLine.Reset Method	50
TCmdLine.Str Method	50
Operators	50
TCmdLine.Finalize Operator	50
TCmdLine.Initialize Operator	51
TColor Record	51
Fields	51
TColor.Alpha Field	51
TColor.Blue Field	52
TColor.Green Field	52
TColor.Red Field	52
Methods	52
TColor.Clear Method	52
TColor.Equal Method	52
TColor.Fade Method	53
TColor.Make Method	53
TColor.Makef Method	53
Operators	53
TColor.Implicit Operator (SDL_Color)	54
TColor.Implicit Operator (TColor)	54
TConfigFile Class	54
Methods	54
TConfigFile.Close Method	55
TConfigFile.Create Constructor	55
TConfigFile.Destroy Destructor	55
TConfigFile.GetSectionValue Method (Integer, Boolean)	55
TConfigFile.GetSectionValue Method (Integer, Integer)	56
TConfigFile.GetSectionValue Method (Integer, string)	56
TConfigFile.GetSectionValues Method	56
TConfigFile.GetValue Method (string, string, Boolean)	56
TConfigFile.GetValue Method (string, string, Integer)	57
TConfigFile.GetValue Method (string, string, Pointer, Cardinal)	57
TConfigFile.GetValue Method (string, string, string)	57
TConfigFile.Open Method	57
TConfigFile.Opened Method	57
TConfigFile.RemoveKey Method	58
TConfigFile.RemoveSection Method	58
TConfigFile.SetValue Method (string, string, Boolean)	58
TConfigFile.SetValue Method (string, string, Integer)	58

TConfigFile.SetValue Method (string, string, Pointer, Cardinal)	59
TConfigFile.SetValue Method (string, string, string)	59
TConfigFile.Update Method	59
TController Record	59
Methods	59
TController.ButtonDown Method	60
TController.ButtonPressed Method	60
TController.ButtonReleased Method	60
TController.Clear Method	60
TController.Close Method	61
TController.GetAxis Method	61
TController.Open Method	61
TController.Shutdown Method	61
TController.Startup Method	61
TController.Update Method	62
TEntity Class	62
Fields	62
TEntity.FAngle Field	63
TEntity.FAngleOffset Field	63
TEntity.FBlendMode Field	63
TEntity.FColor Field	63
TEntity.FDir Field	63
TEntity.FFirstFrame Field	64
TEntity.FFlipMode Field	64
TEntity.FFrame Field	64
TEntity.FFrameFPS Field	64
TEntity.FFrameTimer Field	64
TEntity.FGroup Field	64
TEntity.FHeight Field	65
TEntity.FLastFrame Field	65
TEntity.FLoopFrame Field	65
TEntity.FOrigin Field	65
TEntity.FPos Field	65
TEntity.FRadius Field	66
TEntity.FRenderPolyPoint Field	66
TEntity.FScale Field	66
TEntity.FShrinkFactor Field	66
TEntity.FSprite Field	66
TEntity.FWidth Field	66
Methods	67
TEntity.Angle Method	68
TEntity.AngleOffset Method	68

TEntity.CollidePolyPoint Method	68
TEntity.CollidePolyPointPoint Method	68
TEntity.Color Method	69
TEntity.Create Constructor	69
TEntity.CreateEntity Method	69
TEntity.Destroy Destructor	69
TEntity.Dir Method	69
TEntity.FirstFrame Method	70
TEntity.FlipMode Method	70
TEntity.Frame Method	70
TEntity.FrameFPS Method	70
TEntity.FullyVisible Method	70
TEntity.Group Method	71
TEntity.Height Method	71
TEntity.Init Method	71
TEntity.LastFrame Method	71
TEntity.LoopFrame Method	71
TEntity.NextFrame Method	72
TEntity.Overlap Method (Single, Single, Single, Single)	72
TEntity.Overlap Method (TEntity)	72
TEntity.Pos Method	72
TEntity.PrevFrame Method	72
TEntity.Radius Method	73
TEntity.Render Method	73
TEntity.RenderAt Method	73
TEntity.RotateAbs Method	73
TEntity.RotateRel Method	73
TEntity.RotateToAngle Method	74
TEntity.RotateToPos Method	74
TEntity.RotateToPosAt Method	74
TEntity.Scale Method	74
TEntity.ScaleAbs Method	75
TEntity.ScaleRel Method	75
TEntity.SetAngleOffset Method	75
TEntity.SetColor Method	75
TEntity.SetFlipMode Method	75
TEntity.SetFrame Method	76
TEntity.SetFrameFPS Method	76
TEntity.SetFrameRange Method	76
TEntity.SetLoopFrame Method	76
TEntity.SetPosAbs Method	76
TEntity.SetPosRel Method	77

TEntity.SetRenderPolyPoint Method	77
TEntity.SetShrinkFactor Method	77
TEntity.ShrinkFactor Method	77
TEntity.Sprite Method	78
TEntity.Thrust Method	78
TEntity.ThrustAngle Method	78
TEntity.ThrustToPos Method	78
TEntity.TracePolyPoint Method	78
TEntity.Visible Method	79
TEntity.Width Method	79
Properties	79
TEntity.BlendMode Property	79
TFont Class	80
Records	80
TFont.TGlyph Record	80
Constants	80
TFont.cDefaultGlyphs Constant	80
Fields	81
TFont.FAtlas Field	81
TFont.FAtlasSize Field	81
TFont.FBaseLine Field	81
TFont.FGeometry Field	81
TFont.FGlyph Field	82
TFont.FUseVertexBuffer Field	82
TFont.FVertexBufferSize Field	82
Methods	82
TFont.Create Constructor	83
TFont.Destroy Destructor	83
TFont.DrawText Method (Single, Single, Single, TColor, THAlign, string, array of const)	83
TFont.DrawText Method (Single, Single, TColor, THAlign, string, array of const)	83
TFont.GetUseVertexBuffer Method	83
TFont.GetVertexBufferSize Method	84
TFont.Load Method (PSDL_RWops, Cardinal, string)	84
TFont.Load Method (TArchive, string, Cardinal, string)	84
TFont.LoadDefault Method	84
TFont.RenderVertices Method	85
TFont.SetUseVertexBuffer Method	85
TFont.SetVertexBufferSize Method	85
TFont.TextHeight Method	85
TFont.TextLength Method	85
TFont.Unload Method	86
Properties	86

TFont.Atlas Property	86
TFont.AtlasSize Property	86
Nested Types	86
TFont.PGlyph Nested Type	86
TGame Class	87
Records	87
TGame.TSettings Record	87
Fields	88
TGame.FArchive Field	88
TGame.FAsync Field	88
TGame.FAudio Field	88
TGame.FCmdLine Field	89
TGame.FConfigFile Field	89
TGame.FDefaultFont Field	89
TGame.FHud Field	89
TGame.FInput Field	89
TGame.FLog Field	90
TGame.FMousePos Field	90
TGame.FPrefs Field	90
TGame.FReady Field	90
TGame.FScreenshake Field	90
TGame.FSettings Field	90
TGame.FSpeech Field	91
TGame.FSprite Field	91
TGame.FTerminate Field	91
TGame.FTimer Field	91
TGame.FVideo Field	91
TGame.FWindow Field	92
Methods	92
TGame.Create Constructor	92
TGame.Destroy Destructor	93
TGame.OnApplySettings Method	93
TGame.OnBuildArchiveProgress Method	93
TGame.OnClearWindow Method	93
TGame.OnFixedUpdate Method	93
TGame.OnLoadConfig Method	94
TGame.OnReady Method	94
TGame.OnRender Method	94
TGame.OnRenderHud Method	94
TGame.OnSaveConfig Method	94
TGame.OnSetSettings Method	94
TGame.OnShowWindow Method	95

TGame.OnShutdown Method	95
TGame.OnSpeechWord Method	95
TGame.OnStartup Method	95
TGame.OnUnapplySettings Method	95
TGame.OnUpdate Method	96
TGame.OnVideoStatus Method	96
TGame.Process Method	96
TGame.Run Method	96
TGame.SDKVersion Method	96
TGame.Settings Method	97
TGame.Shutdown Method	97
TGame.Startup Method	97
Properties	97
TGame.Archive Property	98
TGame.Async Property	98
TGame.Audio Property	98
TGame.CmdLine Property	98
TGame.ConfigFile Property	98
TGame.DefaultFont Property	99
TGame.Hud Property	99
TGame.Input Property	99
TGame.Log Property	99
TGame.MousePos Property	99
TGame.Prefs Property	99
TGame.Screenshake Property	100
TGame.Speech Property	100
TGame.Sprite Property	100
TGame.Terminate Property	100
TGame.Timer Property	100
TGame.Video Property	101
TGame.Window Property	101
Nested Types	101
TGame.PSettings Nested Type	101
TGeometry Class	101
Methods	102
TGeometry.AddVertex Method	102
TGeometry.Alloc Method	102
TGeometry.Create Constructor	102
TGeometry.Destroy Destructor	102
TGeometry.Render Method	103
TGeometry.Reset Method	103
THud Record	103

Methods	103
THud.ResetPos Method	104
THud.SetLineSpace Method	104
THud.SetPos Method	104
THud.SetTextItemPadWidth Method	104
THud.Text Method	104
THud.TextItem Method	105
Operators	105
THud.Finalize Operator	105
THud.Initialize Operator	105
TInput Record	105
Methods	106
TInput.Clear Method	106
TInput.Close Method	106
TInput.ControllerDown Method	106
TInput.ControllerPosition Method	107
TInput.ControllerPressed Method	107
TInput.ControllerReleased Method	107
TInput.GetMouseInfo Method	107
TInput.KeyDown Method	108
TInput.KeyPressed Method	108
TInput.KeyReleased Method	108
TInput.MouseDown Method	108
TInput.MousePressed Method	108
TInput.MouseReleased Method	109
TInput.Open Method	109
TInput.SetMousePos Method	109
TInput.Update Method	109
Operators	109
TInput.Finalize Operator	110
TInput.Initialize Operator	110
TLog Record	110
Methods	110
TLog.Add Method	111
TLog.Close Method	111
TLog.Fatal Method	111
TLog.GetConsoleOutput Method	111
TLog.GetFilename Method	111
TLog.Open Method	112
TLog.Opened Method	112
TLog.Reset Method	112
TLog.SetConsoleOutput Method	112

TLog.View Method	112
Operators	113
TLog.Finalize Operator	113
TLog.Initialize Operator	113
TPoint Record	113
Fields	113
TPoint.X Field	114
TPoint.Y Field	114
TPoint.Z Field	114
Methods	114
TPoint.Create Constructor	114
Operators	115
TPoint.Implicit Operator (SDL_FPoint)	115
TPoint.Implicit Operator (SDL_Point)	115
TPoint.Implicit Operator (TPoint)	115
TPoint.Initialize Operator	115
TPolyPoint Class	116
Fields	116
TPolyPoint.FCount Field	116
TPolyPoint.FPolygon Field	116
Methods	116
TPolyPoint.AddPoint Method	117
TPolyPoint.Clear Method	117
TPolyPoint.Collide Method	117
TPolyPoint.CollidePoint Method	118
TPolyPoint.CopyFrom Method	118
TPolyPoint.Count Method	118
TPolyPoint.Create Constructor	118
TPolyPoint.Destroy Destructor	119
TPolyPoint.Load Method	119
TPolyPoint.Polygon Method	119
TPolyPoint.Render Method	119
TPolyPoint.Save Method	120
TPolyPoint.TraceFromSprite Method	120
TPolyPoint.TraceFromTexture Method	120
TPolyPoint.Valid Method	120
TPolygon Class	121
Records	121
TPolygon.TSegment Record	121
Fields	121
TPolygon.FItemCount Field	121
TPolygon.FSegment Field	122

TPolygon.FWorldPoint Field	122
Methods	122
TPolygon.AddLocalPoint Method	122
TPolygon.Clear Method	123
TPolygon.CopyFrom Method	123
TPolygon.Create Constructor	123
TPolygon.Destroy Destructor	123
TPolygon.Load Method	123
TPolygon.LocalPoint Method	124
TPolygon.PointCount Method	124
TPolygon.Render Method	124
TPolygon.Save Method	124
TPolygon.SegmentVisible Method	124
TPolygon.SetSegmentVisible Method	125
TPolygon.Transform Method	125
TPolygon.WorldPoint Method	125
TPolypointTrace Record	125
Methods	126
TPolypointTrace.AddPoint Method	126
TPolypointTrace.ApplyPolyPoint Method	126
TPolypointTrace.DelPoint Method	126
TPolypointTrace.Done Method	127
TPolypointTrace.GetPointCount Method	127
TPolypointTrace.Init Method	127
TPolypointTrace.PrimaryTrace Method	127
TPolypointTrace.SimplifyPoly Method	127
TPrefs Record	128
Methods	128
TPrefs.GetAppName Method	128
TPrefs.GetOrgName Method	128
TPrefs.GetPath Method	128
TPrefs.GotoPath Method	129
TPrefs.SetAppName Method	129
TPrefs.SetOrgName Method	129
Operators	129
TPrefs.Finalize Operator	129
TPrefs.Initialize Operator	130
TRect Record	130
Fields	130
TRect.Height Field	130
TRect.Width Field	130
TRect.X Field	131

TRect.Y Field	131
Methods	131
TRect.Assign Method	131
TRect.Create Constructor	131
TRect.Intersect Method	132
Operators	132
TRect.Implicit Operator (SDL_FRect)	132
TRect.Implicit Operator (SDL_Rect)	132
TRect.Implicit Operator (TRect)	132
TRect.Initialize Operator	133
TScreenshake Record	133
Methods	133
TScreenshake.Active Method	133
TScreenshake.Clear Method	134
TScreenshake.Process Method	134
TScreenshake.Start Method	134
Operators	134
TScreenshake.Finalize Operator	134
TScreenshake.Initialize Operator	135
TSpeech Record	135
Methods	135
TSpeech.Active Method	135
TSpeech.ChangeVoice Method	136
TSpeech.Clear Method	136
TSpeech.GetRate Method	136
TSpeech.GetVoice Method	136
TSpeech.GetVoiceAttribute Method	136
TSpeech.GetVoiceCount Method	137
TSpeech.GetVolume Method	137
TSpeech.Pause Method	137
TSpeech.Reset Method	137
TSpeech.Resume Method	137
TSpeech.Say Method	138
TSpeech.SetRate Method	138
TSpeech.SetVolume Method	138
TSpeech.SubstituteWord Method	138
Operators	138
TSpeech.Finalize Operator	139
TSpeech.Initialize Operator	139
TSprite Class	139
Records	139
TSprite.TSpriteGroup Record	139

TSprite.TSpriteImageRect Record	140
Fields	140
TSprite.FGroup Field	140
TSprite.FGroupCount Field	140
TSprite.FPageCount Field	141
TSprite.FTexture Field	141
Methods	141
TSprite.AddGroup Method	141
TSprite.AddImageFromGrid Method	142
TSprite.AddImageFromRect Method	142
TSprite.Clear Method	142
TSprite.Create Constructor	142
TSprite.Destroy Destructor	142
TSprite.GroupPolyPoint Method	143
TSprite.GroupPolyPointCollide Method	143
TSprite.GroupPolyPointCollidePoint Method	143
TSprite.GroupPolyPointTrace Method	144
TSprite.ImageCount Method	144
TSprite.ImageHeight Method	144
TSprite.ImageRect Method	144
TSprite.ImageTexture Method	145
TSprite.ImageWidth Method	145
TSprite.LoadPage Method	145
TSprite.RenderImage Method	145
Nested Types	146
TSprite.PSpriteGroup Nested Type	146
TSprite.PSpriteImageRect Nested Type	146
TTexture Class	146
Fields	146
TTexture.FHandle Field	147
TTexture.FHeight Field	147
TTexture.FLockRect Field	147
TTexture.FPitch Field	147
TTexture.FPixelFormat Field	147
TTexture.FPixels Field	148
TTexture.FWidth Field	148
Methods	148
TTexture.Alloc Method	148
TTexture.Create Constructor	149
TTexture.Destroy Destructor	149
TTexture.GetColor Method	149
TTexture.GetPixel Method	149

TTexture.GetSize Method	149
TTexture.Load Method	150
TTexture.LoadTexture Method	150
TTexture.Lock Method	150
TTexture.Render Method	150
TTexture.RenderTiled Method	151
TTexture.Save Method	151
TTexture.SetColor Method	151
TTexture.SetPixel Method	151
TTexture.Unload Method	152
TTexture.Unlock Method	152
Properties	152
TTexture.Handle Property	152
TTexture.Height Property	152
TTexture.Width Property	153
TTimer Record	153
Methods	153
TTimer.Elapsed Method	153
TTimer.FrameElapsed Method	153
TTimer.FrameRate Method	154
TTimer.FrameSpeed Method	154
TTimer.Reset Method	154
TTimer.Update Method	154
Operators	154
TTimer.Finalize Operator	155
TTimer.Initialize Operator	155
TVector Record	155
Fields	155
TVector.W Field	156
TVector.X Field	156
TVector.Y Field	156
TVector.Z Field	156
Methods	156
TVector.Add Method	157
TVector.Angle Method	157
TVector.Assign Method (Single, Single)	157
TVector.Assign Method (Single, Single, Single)	157
TVector.Assign Method (Single, Single, Single, Single)	158
TVector.Assign Method (TVector)	158
TVector.Clear Method	158
TVector.Create Constructor	158
TVector.Distance Method	159

TVector.Divide Method	159
TVector.DivideBy Method	159
TVector.DotProduct Method	159
TVector.Magnitude Method	159
TVector.MagnitudeSquared Method	160
TVector.MagnitudeTruncate Method	160
TVector.Multiply Method	160
TVector.Negate Method	160
TVector.Normalize Method	160
TVector.Project Method	161
TVector.Scale Method	161
TVector.Subtract Method	161
TVector.Thrust Method	161
Operators	161
TVector.Initialize Operator	162
TVideo Record	162
Methods	162
TVideo.Draw Method	162
TVideo.GetFrameRate Method	163
TVideo.GetHeight Method	163
TVideo.GetStatus Method	163
TVideo.GetVolume Method	163
TVideo.GetWidth Method	163
TVideo.Load Method	164
TVideo.LoadPlay Method	164
TVideo.Pause Method	164
TVideo.Play Method	164
TVideo.Rewind Method	164
TVideo.SetVolume Method	165
TVideo.Stop Method	165
TVideo.Unload Method	165
TVideo.Update Method	165
Operators	165
TVideo.Finalize Operator	166
TVideo.Initialize Operator	166
TWindow Record	166
Methods	166
TWindow.Clear Method	167
TWindow.Close Method	167
TWindow.DrawFilledRect Method	167
TWindow.DrawLine Method	168
TWindow.DrawPoint Method	168

TWindow.DrawRect Method	168
TWindow.GetDDPI Method	168
TWindow.GetHDPI Method	169
TWindow.GetRenderBufferPos Method	169
TWindow.GetRendererHandle Method	169
TWindow.GetRendererInfo Method	169
TWindow.GetRendererScale Method	169
TWindow.GetRendererSize Method	169
TWindow.GetTitle Method	170
TWindow.GetVDPI Method	170
TWindow.GetViewport Method	170
TWindow.GetWindowHandle Method	170
TWindow.GetWindowSize Method	170
TWindow.IsOpen Method	171
TWindow.Open Method	171
TWindow.Save Method	171
TWindow.SetRenderBufferPos Method	171
TWindow.SetTitle Method	171
TWindow.Show Method	172
TWindow.ShowRenderBuffer Method	172
Operators	172
TWindow.Finalize Operator	172
TWindow.Initialize Operator	172
Functions	173
AddSelfToUserPath Function	174
AngleCos Function	175
AngleDiff Function	175
AngleRotatePos Function	175
AngleSin Function	175
CaptureConsoleOutput Function	176
CircleInRectangle Function	176
CirclesOverlap Function	176
ClipVaLue Function	177
ClipVaLuef Function	177
CreateDirsInPath Function	177
EasePosition Function	177
EaseValue Function	178
ExpandRelDirectory Function	178
ExpandRelFilename Function	178
ExtractRelativeDirectory Function	179
ExtractRelativeFilename Function	179
FreeNilObject Function	179

GetDirName Function	179
GetEnvVarValue Function	180
GetExeBasePath Function	180
GetExePath Function	180
GetFileRWops Function	180
GetMemRWops Function	181
GetRandomSeed Function	181
GetSemVerStr Function	181
GetUUID Function	181
GetVersionInfo Function	182
GetVersionInfo Function	182
HasConsoleOutput Function	182
HttpGet Function	182
IsCurrentDir Function	183
IsSingleInstance Function	183
IsValidFilename Function	183
Lerp Function	183
LineIntersection Function	184
Pause Function	184
PointInCircle Function	184
PointInRectangle Function	184
PointInTriangle Function	185
Print Function	185
Print Function	185
PrintLn Function	186
PrintLn Function	186
PrintLn Function	186
ProcessMessages Function	186
RadiusOverlap Function	187
RandomBool Function	187
RandomRange Function	187
RandomRangeF Function	187
ReadStringFromStream Function	188
RectangleIntersection Function	188
RectanglesOverlap Function	188
RemoveDuplicates Function	188
RemoveDuplicates2 Function	189
RemoveQuotes Function	189
RemoveSelfFromUserPath Function	189
ResourceExists Function	189
RunGame Function	190
SameSign Function	190

SameSignf Function	190
SameVaLue Function	190
SameVaLuef Function	191
SetEnvVarValue Function	191
SetGlobalEnvironment Function	191
SetRandomSeed Function	191
ShellOpen Function	192
SmoothMove Function	192
UnitToScalarValue Function	192
WaitForAnyKey Function	193
WasRunFromConsole Function	193
WriteStringToStream Function	193
Structs, Records, Enums	193
TAudioFading Enumeration	194
TBlendMode Enumeration	194
TEaseType Enumeration	194
TFlipMode Enumeration	195
THAlign Enumeration	195
TLineIntersection Enumeration	195
TSpeechVoiceAttribute Enumeration	196
TTextureAccess Enumeration	196
TVAlign Enumeration	196
TVideoStatus Enumeration	196
Types	197
PColor Type	197
PPoint Type	197
PRect Type	198
PVector Type	198
PVideo Type	198
TAsyncProc Type	198
TCaptureConsoleOutputEvent Type	198
TGameClass Type	199
TMusic Type	199
TSound Type	199
Variables	199
Game Variable	200
Marshaller Variable	200
Constants	200
ALICEBLUE Constant	210
ANTIQUWHITE Constant	210
AQUA Constant	210

AQUAMARINE Constant	211
ARCEXT Constant	211
AUDIO_CHANNEL_DYNAMIC Constant	211
AUDIO_CHANNEL_FADINGIN Constant	211
AUDIO_CHANNEL_FADINGOUT Constant	211
AUDIO_CHANNEL_LOOP Constant	212
AUDIO_CHANNEL_MAX Constant	212
AUDIO_CHANNEL_NOFADING Constant	212
AZURE Constant	212
BEIGE Constant	213
BISQUE Constant	213
BLACK Constant	213
BLANCHEDALMOND Constant	213
BLANK Constant	213
BLUE Constant	214
BLUEVIOLET Constant	214
BROWN Constant	214
BURLYWOOD Constant	214
BUTTON_LEFT Constant	215
BUTTON_MIDDLE Constant	215
BUTTON_RIGHT Constant	215
BUTTON_X1 Constant	215
BUTTON_X2 Constant	215
CADETBBLUE Constant	216
CHARTREUSE Constant	216
CHOCOLATE Constant	216
COLORKEY Constant	216
CONTROLLER_AXIS_LEFTX Constant	217
CONTROLLER_AXIS_LEFTY Constant	217
CONTROLLER_AXIS_RIGHTX Constant	217
CONTROLLER_AXIS_RIGHTY Constant	217
CONTROLLER_AXIS_TRIGGERLEFT Constant	217
CONTROLLER_AXIS_TRIGGERRIGHT Constant	218
CONTROLLER_BUTTON_A Constant	218
CONTROLLER_BUTTON_B Constant	218
CONTROLLER_BUTTON_BACK Constant	218
CONTROLLER_BUTTON_DPAD_DOWN Constant	219
CONTROLLER_BUTTON_DPAD_LEFT Constant	219
CONTROLLER_BUTTON_DPAD_RIGHT Constant	219
CONTROLLER_BUTTON_DPAD_UP Constant	219
CONTROLLER_BUTTON_GUIDE Constant	219
CONTROLLER_BUTTON_LEFTSHOULDER Constant	220

CONTROLLER_BUTTON_LEFTSTICK Constant	220
CONTROLLER_BUTTON_MISC1 Constant	220
CONTROLLER_BUTTON_PADDLE1 Constant	220
CONTROLLER_BUTTON_PADDLE2 Constant	221
CONTROLLER_BUTTON_PADDLE3 Constant	221
CONTROLLER_BUTTON_PADDLE4 Constant	221
CONTROLLER_BUTTON_RIGHTSHOULDER Constant	221
CONTROLLER_BUTTON_RIGHTSTICK Constant	221
CONTROLLER_BUTTON_START Constant	222
CONTROLLER_BUTTON_TOUCHPAD Constant	222
CONTROLLER_BUTTON_X Constant	222
CONTROLLER_BUTTON_Y Constant	222
CORAL Constant	223
CORNFLOWERBLUE Constant	223
CORNSILK Constant	223
CR Constant	223
CRIMSON Constant	223
CRLF Constant	224
CYAN Constant	224
DARKBLUE Constant	224
DARKCYAN Constant	224
DARKGOLDENROD Constant	225
DARKGRAY Constant	225
DARKGREEN Constant	225
DARKGREY Constant	225
DARKKHAKI Constant	225
DARKMAGENTA Constant	226
DARKOLIVEGREEN Constant	226
DARKORANGE Constant	226
DARKORCHID Constant	226
DARKRED Constant	227
DARKSALMON Constant	227
DARKSEAGREEN Constant	227
DARKSLATEBLUE Constant	227
DARKSLATEBROWN Constant	227
DARKSLATEGRAY Constant	228
DARKTURQUOISE Constant	228
DARKVIOLET Constant	228
DEEPPINK Constant	228
DEEPSKYBLUE Constant	229
DEGTORAD Constant	229
DIMGRAY Constant	229

DIMWHITE Constant	229
DODGERBLUE Constant	229
EPSILON Constant	230
FIREBRICK Constant	230
FLORALWHITE Constant	230
FORESTGREEN Constant	230
FUCHSIA Constant	231
GAINSBORO Constant	231
GHOSTWHITE Constant	231
GOLD Constant	231
GOLDENROD Constant	231
GRAY Constant	232
GREEN Constant	232
GREENYELLOW Constant	232
GREY Constant	232
HONEYDEW Constant	233
HOTPINK Constant	233
INDIANRED Constant	233
INDIGO Constant	233
INIEXT Constant	233
IVORY Constant	234
KEY_0 Constant	234
KEY_1 Constant	234
KEY_2 Constant	234
KEY_3 Constant	235
KEY_4 Constant	235
KEY_5 Constant	235
KEY_6 Constant	235
KEY_7 Constant	235
KEY_8 Constant	236
KEY_9 Constant	236
KEY_A Constant	236
KEY_AC_BACK Constant	236
KEY_AC_BOOKMARKS Constant	237
KEY_AC_FORWARD Constant	237
KEY_AC_HOME Constant	237
KEY_AC_REFRESH Constant	237
KEY_AC_SEARCH Constant	237
KEY_AC_STOP Constant	238
KEY_AGAIN Constant	238
KEY_ALTERASE Constant	238
KEY_APOSTROPHE Constant	238

KEY_APP1 Constant	239
KEY_APP2 Constant	239
KEY_APPLICATION Constant	239
KEY_AUDIOFASTFORWARD Constant	239
KEY_AUDIOMUTE Constant	239
KEY_AUDIONEXT Constant	240
KEY_AUDIOPLAY Constant	240
KEY_AUDIOPREV Constant	240
KEY_AUDIOREWIND Constant	240
KEY_AUDIOSTOP Constant	241
KEY_B Constant	241
KEY_BACKSLASH Constant	241
KEY_BACKSPACE Constant	241
KEY_BRIGHTNESSDOWN Constant	241
KEY_BRIGHTNESSUP Constant	242
KEY_C Constant	242
KEY_CALCULATOR Constant	242
KEY_CALL Constant	242
KEY_CANCEL Constant	243
KEY_CAPSLOCK Constant	243
KEY_CLEAR Constant	243
KEY_CLEARAGAIN Constant	243
KEY_COMMA Constant	243
KEY_COMPUTER Constant	244
KEY_COPY Constant	244
KEY_CRSEL Constant	244
KEY_CURRENCYSUBUNIT Constant	244
KEY_CURRENCYUNIT Constant	245
KEY_CUT Constant	245
KEY_D Constant	245
KEY_DECIMALSEPARATOR Constant	245
KEY_DELETE Constant	245
KEY_DISPLAYSWITCH Constant	246
KEY_DOWN Constant	246
KEY_E Constant	246
KEY_EJECT Constant	246
KEY_END Constant	247
KEY_ENDCALL Constant	247
KEY_EQUALS Constant	247
KEY_ESCAPE Constant	247
KEY_EXECUTE Constant	247
KEY_F Constant	248

KEY_F1 Constant	248
KEY_F10 Constant	248
KEY_F11 Constant	248
KEY_F12 Constant	249
KEY_F13 Constant	249
KEY_F14 Constant	249
KEY_F15 Constant	249
KEY_F16 Constant	249
KEY_F17 Constant	250
KEY_F18 Constant	250
KEY_F19 Constant	250
KEY_F2 Constant	250
KEY_F20 Constant	251
KEY_F21 Constant	251
KEY_F22 Constant	251
KEY_F23 Constant	251
KEY_F24 Constant	251
KEY_F3 Constant	252
KEY_F4 Constant	252
KEY_F5 Constant	252
KEY_F6 Constant	252
KEY_F7 Constant	253
KEY_F8 Constant	253
KEY_F9 Constant	253
KEY_FIND Constant	253
KEY_G Constant	253
KEY_GRAVE Constant	254
KEY_H Constant	254
KEY_HELP Constant	254
KEY_HOME Constant	254
KEY_I Constant	255
KEY_INSERT Constant	255
KEY_INTERNATIONAL1 Constant	255
KEY_INTERNATIONAL2 Constant	255
KEY_INTERNATIONAL3 Constant	255
KEY_INTERNATIONAL4 Constant	256
KEY_INTERNATIONAL5 Constant	256
KEY_INTERNATIONAL6 Constant	256
KEY_INTERNATIONAL7 Constant	256
KEY_INTERNATIONAL8 Constant	257
KEY_INTERNATIONAL9 Constant	257
KEY_J Constant	257

KEY_K Constant	257
KEY_KBDILLUMDOWN Constant	257
KEY_KBDILLUMTOGGLE Constant	258
KEY_KBDILLUMUP Constant	258
KEY_KP_0 Constant	258
KEY_KP_00 Constant	258
KEY_KP_000 Constant	259
KEY_KP_1 Constant	259
KEY_KP_2 Constant	259
KEY_KP_3 Constant	259
KEY_KP_4 Constant	259
KEY_KP_5 Constant	260
KEY_KP_6 Constant	260
KEY_KP_7 Constant	260
KEY_KP_8 Constant	260
KEY_KP_9 Constant	261
KEY_KP_A Constant	261
KEY_KP_AMPERSAND Constant	261
KEY_KP_AT Constant	261
KEY_KP_B Constant	261
KEY_KP_BACKSPACE Constant	262
KEY_KP_BINARY Constant	262
KEY_KP_C Constant	262
KEY_KP_CLEAR Constant	262
KEY_KP_CLEARENTRY Constant	263
KEY_KP_COLON Constant	263
KEY_KP_COMMA Constant	263
KEY_KP_D Constant	263
KEY_KP_DBLAMPERSAND Constant	263
KEY_KP_DBLVERTICALBAR Constant	264
KEY_KP_DECIMAL Constant	264
KEY_KP_DIVIDE Constant	264
KEY_KP_E Constant	264
KEY_KP_ENTER Constant	265
KEY_KP_EQUALS Constant	265
KEY_KP_EQUALSAS400 Constant	265
KEY_KP_EXCLAM Constant	265
KEY_KP_F Constant	265
KEY_KP_GREATER Constant	266
KEY_KP_HASH Constant	266
KEY_KP_HEXADECIMAL Constant	266
KEY_KP_LEFTBRACE Constant	266

KEY_KP_LEFTPAREN Constant	267
KEY_KP_LESS Constant	267
KEY_KP_MEMADD Constant	267
KEY_KP_MEMCLEAR Constant	267
KEY_KP_MEMDIVIDE Constant	267
KEY_KP_MEMMULTIPLY Constant	268
KEY_KP_MEMRECALL Constant	268
KEY_KP_MEMSTORE Constant	268
KEY_KP_MEMSUBTRACT Constant	268
KEY_KP_MINUS Constant	269
KEY_KP_MULTIPLY Constant	269
KEY_KP_OCTAL Constant	269
KEY_KP_PERCENT Constant	269
KEY_KP_PERIOD Constant	269
KEY_KP_PLUS Constant	270
KEY_KP_PLUSMINUS Constant	270
KEY_KP_POWER Constant	270
KEY_KP_RIGHTBRACE Constant	270
KEY_KP_RIGHTPAREN Constant	271
KEY_KP_SPACE Constant	271
KEY_KP_TAB Constant	271
KEY_KP_VERTICALBAR Constant	271
KEY_KP_XOR Constant	271
KEY_L Constant	272
KEY_LALT Constant	272
KEY_LANG1 Constant	272
KEY_LANG2 Constant	272
KEY_LANG3 Constant	273
KEY_LANG4 Constant	273
KEY_LANG5 Constant	273
KEY_LANG6 Constant	273
KEY_LANG7 Constant	273
KEY_LANG8 Constant	274
KEY_LANG9 Constant	274
KEY_LCTRL Constant	274
KEY_LEFT Constant	274
KEY_LEFTBRACKET Constant	275
KEY_LGUI Constant	275
KEY_LSHIFT Constant	275
KEY_M Constant	275
KEY_MAIL Constant	275
KEY_MEDIASELECT Constant	276

KEY_MENU Constant	276
KEY_MINUS Constant	276
KEY_MODE Constant	276
KEY_MUTE Constant	277
KEY_N Constant	277
KEY_NONUSBACKSLASH Constant	277
KEY_NONUSHASH Constant	277
KEY_NUMLOCKCLEAR Constant	277
KEY_O Constant	278
KEY_OPER Constant	278
KEY_OUT Constant	278
KEY_P Constant	278
KEY_PAGEDOWN Constant	279
KEY_PAGEUP Constant	279
KEY_PASTE Constant	279
KEY_PAUSE Constant	279
KEY_PERIOD Constant	279
KEY_POWER Constant	280
KEY_PRINTSCREEN Constant	280
KEY_PRIOR Constant	280
KEY_Q Constant	280
KEY_R Constant	281
KEY_RALT Constant	281
KEY_RCTRL Constant	281
KEY_RETURN Constant	281
KEY_RETURN2 Constant	281
KEY_RGUI Constant	282
KEY_RIGHT Constant	282
KEY_RIGHTBRACKET Constant	282
KEY_RSHIFT Constant	282
KEY_S Constant	283
KEY_SCROLLLOCK Constant	283
KEY_SELECT Constant	283
KEY_SEMICOLON Constant	283
KEY_SEPARATOR Constant	283
KEY_SLASH Constant	284
KEY_SLEEP Constant	284
KEY_SOFTLEFT Constant	284
KEY_SOFTRIGHT Constant	284
KEY_SPACE Constant	285
KEY_STOP Constant	285
KEY_SYSREQ Constant	285

KEY_T Constant	285
KEY_TAB Constant	285
KEY_THOUSANDSSEPARATOR Constant	286
KEY_U Constant	286
KEY_UNDO Constant	286
KEY_UP Constant	286
KEY_V Constant	287
KEY_VOLUMEDOWN Constant	287
KEY_VOLUMEUP Constant	287
KEY_W Constant	287
KEY_WWW Constant	287
KEY_X Constant	288
KEY_Y Constant	288
KEY_Z Constant	288
KHAKI Constant	288
LAVENDER Constant	289
LAVENDERBLUSH Constant	289
LAWNGREEN Constant	289
LEMONCHIFFON Constant	289
LF Constant	289
LIGHTBLUE Constant	290
LIGHTCORAL Constant	290
LIGHTCYAN Constant	290
LIGHTGOLDENRODYELLOW Constant	290
LIGHTGRAY Constant	291
LIGHTGREEN Constant	291
LIGHTGREY Constant	291
LIGHTPINK Constant	291
LIGHTSALMON Constant	291
LIGHTSEAGREEN Constant	292
LIGHTSKYBLUE Constant	292
LIGHTSLATEGRAY Constant	292
LIGHTSLATEGREY Constant	292
LIGHTSTEELBLUE Constant	293
LIGHTYELLOW Constant	293
LIME Constant	293
LIMEGREEN Constant	293
LINEN Constant	293
LOGEXT Constant	294
LuSCANCODE_EXSEL Constant	294
MAGENTA Constant	294
MAROON Constant	294

MEDIUMAQUAMARINE Constant	295
MEDIUMBLUE Constant	295
MEDIUMORCHID Constant	295
MEDIUMPURPLE Constant	295
MEDIUMSEAGREEN Constant	295
MEDIUMSLATEBLUE Constant	296
MEDIUMSPRINGGREEN Constant	296
MEDIUMTURQUOISE Constant	296
MEDIUMVIOLETRED Constant	296
MIDNIGHTBLUE Constant	297
MINTCREAM Constant	297
MISTYROSE Constant	297
MOCCASIN Constant	297
MPGEXT Constant	297
NAN Constant	298
NAVAJOWHITE Constant	298
NAVY Constant	298
OGGEXT Constant	298
OLDLACE Constant	299
OLIVE Constant	299
OLIVEDRAB Constant	299
ORANGE Constant	299
ORANGERED Constant	299
ORCHID Constant	300
OVERLAY1 Constant	300
OVERLAY2 Constant	300
PALEGOLDENROD Constant	300
PALEGREEN Constant	301
PALETURQUOISE Constant	301
PALEVIOLETRED Constant	301
PAPAYAWHIP Constant	301
PEACHPUFF Constant	301
PERU Constant	302
PINK Constant	302
PLUM Constant	302
PNGEXT Constant	302
POWDERBLUE Constant	303
PURPLE Constant	303
RADTODEG Constant	303
REBECCAPURPLE Constant	303
RED Constant	303
RED2 Constant	304

ROSYBROWN Constant	304
ROYALBLUE Constant	304
SADDLEBROWN Constant	304
SALMON Constant	305
SANDYBROWN Constant	305
SEAGREEN Constant	305
SEASHELL Constant	305
SIENNA Constant	305
SILVER Constant	306
SKYBLUE Constant	306
SLATEBLUE Constant	306
SLATEGRAY Constant	306
SLATEGREY Constant	307
SNOW Constant	307
SPRINGGREEN Constant	307
STEELBLUE Constant	307
TAN Constant	307
TEAL Constant	308
THISTLE Constant	308
TIMER_FIXEDUPDATE_SPEED Constant	308
TIMER_UPDATE_SPEED Constant	308
TOMATO Constant	309
TURQUOISE Constant	309
VERSION_MAJOR Constant	309
VERSION_MINOR Constant	309
VERSION_PATCH Constant	309
VIDEO_SAMPLEBUFFERSIZE Constant	310
VIOLET Constant	310
WHEAT Constant	310
WHITE Constant	310
WHITE2 Constant	311
WHITESMOKE Constant	311
WINDOW_HEIGHT Constant	311
WINDOW_WIDTH Constant	311
YELLOW Constant	311
YELLOWGREEN Constant	312
Files	312
DelphiGamekit.pas	312

Index

a

1 Symbol Reference

Classes

	EBufferException (see page 15)	This is class EBufferException.
	TAScreenshake (see page 15)	This is class TAScreenshake.
	TArchive (see page 17)	This is class TArchive.
	TArchiveFile (see page 20)	This is class TArchiveFile.
	TAsync (see page 24)	This is class TAsync.
	TAsyncThread (see page 26)	This is class TAsyncThread.
	TAudio (see page 29)	This is class TAudio.
	TBaseObject (see page 35)	This is class TBaseObject.
	TBuffer (see page 36)	This is class TBuffer.
	TCloudDb (see page 39)	This is class TCloudDb.
	TCmdLine (see page 47)	This is class TCmdLine.
	TColor (see page 51)	This is class TColor.
	TConfigFile (see page 54)	This is class TConfigFile.
	TController (see page 59)	This is class TController.
	TEntity (see page 62)	This is class TEntity.
	TFont (see page 80)	This is class TFont.
	TGame (see page 87)	This is class TGame.
	TGeometry (see page 101)	This is class TGeometry.
	THud (see page 103)	This is class THud.
	TInput (see page 105)	This is class TInput.
	TLog (see page 110)	This is class TLog.
	TPoint (see page 113)	This is class TPoint.
	TPolyPoint (see page 116)	This is class TPolyPoint.
	TPolygon (see page 121)	This is class TPolygon.
	TPolypointTrace (see page 125)	This is class TPolypointTrace.
	TPrefs (see page 128)	This is class TPrefs.
	TRect (see page 130)	This is class TRect.
	TScreenshake (see page 133)	This is class TScreenshake.
	TSpeech (see page 135)	This is class TSpeech.
	TSprite (see page 139)	This is class TSprite.
	TTexture (see page 146)	This is class TTexture.
	TTimer (see page 153)	This is class TTimer.
	TVector (see page 155)	This is class TVector.
	TVideo (see page 162)	This is class TVideo.
	TWindow (see page 166)	This is class TWindow.

Constants

ALICEBLUE (see page 210)	This is constant ALICEBLUE.
ANTIQUEWHITE (see page 210)	This is constant ANTIQUEWHITE.
AQUA (see page 210)	This is constant AQUA.
AQUAMARINE (see page 211)	This is constant AQUAMARINE.
ARCEXT (see page 211)	This is constant ARCEXT.

AUDIO_CHANNEL_DYNAMIC (see page 211)	This is constant AUDIO_CHANNEL_DYNAMIC.
AUDIO_CHANNEL_FADINGIN (see page 211)	This is constant AUDIO_CHANNEL_FADINGIN.
AUDIO_CHANNEL_FADINGOUT (see page 211)	This is constant AUDIO_CHANNEL_FADINGOUT.
AUDIO_CHANNEL_LOOP (see page 212)	This is constant AUDIO_CHANNEL_LOOP.
AUDIO_CHANNEL_MAX (see page 212)	This is constant AUDIO_CHANNEL_MAX.
AUDIO_CHANNEL_NOFADING (see page 212)	This is constant AUDIO_CHANNEL_NOFADING.
AZURE (see page 212)	This is constant AZURE.
BEIGE (see page 213)	This is constant BEIGE.
BISQUE (see page 213)	This is constant BISQUE.
BLACK (see page 213)	This is constant BLACK.
BLANCHEDALMOND (see page 213)	This is constant BLANCHEDALMOND.
BLANK (see page 213)	This is constant BLANK.
BLUE (see page 214)	This is constant BLUE.
BLUEVIOLET (see page 214)	This is constant BLUEVIOLET.
BROWN (see page 214)	This is constant BROWN.
BURLYWOOD (see page 214)	This is constant BURLYWOOD.
BUTTON_LEFT (see page 215)	This is constant BUTTON_LEFT.
BUTTON_MIDDLE (see page 215)	This is constant BUTTON_MIDDLE.
BUTTON_RIGHT (see page 215)	This is constant BUTTON_RIGHT.
BUTTON_X1 (see page 215)	This is constant BUTTON_X1.
BUTTON_X2 (see page 215)	This is constant BUTTON_X2.
CADETBBLUE (see page 216)	This is constant CADETBBLUE.
CHARTREUSE (see page 216)	This is constant CHARTREUSE.
CHOCOLATE (see page 216)	This is constant CHOCOLATE.
COLORKEY (see page 216)	This is constant COLORKEY.
CONTROLLER_AXIS_LEFTX (see page 217)	This is constant CONTROLLER_AXIS_LEFTX.
CONTROLLER_AXIS_LEFTY (see page 217)	This is constant CONTROLLER_AXIS_LEFTY.
CONTROLLER_AXIS_RIGHTX (see page 217)	This is constant CONTROLLER_AXIS_RIGHTX.
CONTROLLER_AXIS_RIGHTY (see page 217)	This is constant CONTROLLER_AXIS_RIGHTY.
CONTROLLER_AXIS_TRIGGERLEFT (see page 217)	This is constant CONTROLLER_AXIS_TRIGGERLEFT.
CONTROLLER_AXIS_TRIGGERRIGHT (see page 218)	This is constant CONTROLLER_AXIS_TRIGGERRIGHT.
CONTROLLER_BUTTON_A (see page 218)	This is constant CONTROLLER_BUTTON_A.
CONTROLLER_BUTTON_B (see page 218)	This is constant CONTROLLER_BUTTON_B.
CONTROLLER_BUTTON_BACK (see page 218)	This is constant CONTROLLER_BUTTON_BACK.
CONTROLLER_BUTTON_DPAD_DOWN (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_DOWN.
CONTROLLER_BUTTON_DPAD_LEFT (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_LEFT.
CONTROLLER_BUTTON_DPAD_RIGHT (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_RIGHT.
CONTROLLER_BUTTON_DPAD_UP (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_UP.
CONTROLLER_BUTTON_GUIDE (see page 219)	This is constant CONTROLLER_BUTTON_GUIDE.
CONTROLLER_BUTTON_LEFTSHOULDER (see page 220)	This is constant CONTROLLER_BUTTON_LEFTSHOULDER.
CONTROLLER_BUTTON_LEFTSTICK (see page 220)	This is constant CONTROLLER_BUTTON_LEFTSTICK.

CONTROLLER_BUTTON_MISC1 (see page 220)	This is constant CONTROLLER_BUTTON_MISC1.
CONTROLLER_BUTTON_PADDLE1 (see page 220)	This is constant CONTROLLER_BUTTON_PADDLE1.
CONTROLLER_BUTTON_PADDLE2 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE2.
CONTROLLER_BUTTON_PADDLE3 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE3.
CONTROLLER_BUTTON_PADDLE4 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE4.
CONTROLLER_BUTTON_RIGHTSHOULDER (see page 221)	This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.
CONTROLLER_BUTTON_RIGHTSTICK (see page 221)	This is constant CONTROLLER_BUTTON_RIGHTSTICK.
CONTROLLER_BUTTON_START (see page 222)	This is constant CONTROLLER_BUTTON_START.
CONTROLLER_BUTTON_TOUCHPAD (see page 222)	This is constant CONTROLLER_BUTTON_TOUCHPAD.
CONTROLLER_BUTTON_X (see page 222)	This is constant CONTROLLER_BUTTON_X.
CONTROLLER_BUTTON_Y (see page 222)	This is constant CONTROLLER_BUTTON_Y.
CORAL (see page 223)	This is constant CORAL.
CORNFLOWERBLUE (see page 223)	This is constant CORNFLOWERBLUE.
CORNSILK (see page 223)	This is constant CORNSILK.
CR (see page 223)	This is constant CR.
CRIMSON (see page 223)	This is constant CRIMSON.
CRLF (see page 224)	This is constant CRLF.
CYAN (see page 224)	This is constant CYAN.
DARKBLUE (see page 224)	This is constant DARKBLUE.
DARKCYAN (see page 224)	This is constant DARKCYAN.
DARKGOLDENROD (see page 225)	This is constant DARKGOLDENROD.
DARKGRAY (see page 225)	This is constant DARKGRAY.
DARKGREEN (see page 225)	This is constant DARKGREEN.
DARKGREY (see page 225)	This is constant DARKGREY.
DARKKHAKI (see page 225)	This is constant DARKKHAKI.
DARKMAGENTA (see page 226)	This is constant DARKMAGENTA.
DARKOLIVEGREEN (see page 226)	This is constant DARKOLIVEGREEN.
DARKORANGE (see page 226)	This is constant DARKORANGE.
DARKORCHID (see page 226)	This is constant DARKORCHID.
DARKRED (see page 227)	This is constant DARKRED.
DARKSALMON (see page 227)	This is constant Darksalmon.
DARKSEAGREEN (see page 227)	This is constant DARKSEAGREEN.
DARKSLATEBLUE (see page 227)	This is constant DARKSLATEBLUE.
DARKSLATEBROWN (see page 227)	This is constant DARKSLATEBROWN.
DARKSLATEGRAY (see page 228)	This is constant DARKSLATEGRAY.
DARKTURQUOISE (see page 228)	This is constant DARKTURQUOISE.
DARKVIOLET (see page 228)	This is constant DARKVIOLET.
DEEPPINK (see page 228)	This is constant DEEPPINK.
DEEPSKYBLUE (see page 229)	This is constant DEEPSKYBLUE.
DEGTORAD (see page 229)	This is constant DEGTORAD.
DIMGRAY (see page 229)	This is constant DIMGRAY.
DIMWHITE (see page 229)	This is constant DIMWHITE.

DODGERBLUE (see page 229)	This is constant DODGERBLUE.
EPSILON (see page 230)	This is constant EPSILON.
FIREBRICK (see page 230)	This is constant FIREBRICK.
FLORALWHITE (see page 230)	This is constant FLORALWHITE.
FORESTGREEN (see page 230)	This is constant FORESTGREEN.
FUCHSIA (see page 231)	This is constant FUCHSIA.
GAINSBORO (see page 231)	This is constant GAINSBORO.
GHOSTWHITE (see page 231)	This is constant GHOSTWHITE.
GOLD (see page 231)	This is constant GOLD.
GOLDENROD (see page 231)	This is constant GOLDENROD.
GRAY (see page 232)	This is constant GRAY.
GREEN (see page 232)	This is constant GREEN.
GREENYELLOW (see page 232)	This is constant GREENYELLOW.
GREY (see page 232)	This is constant GREY.
HONEYDEW (see page 233)	This is constant HONEYDEW.
HOTPINK (see page 233)	This is constant HOTPINK.
INDIANRED (see page 233)	This is constant INDIANRED.
INDIGO (see page 233)	This is constant INDIGO.
INIEXT (see page 233)	This is constant INIEXT.
IVORY (see page 234)	This is constant IVORY.
KEY_0 (see page 234)	This is constant KEY_0.
KEY_1 (see page 234)	This is constant KEY_1.
KEY_2 (see page 234)	This is constant KEY_2.
KEY_3 (see page 235)	This is constant KEY_3.
KEY_4 (see page 235)	This is constant KEY_4.
KEY_5 (see page 235)	This is constant KEY_5.
KEY_6 (see page 235)	This is constant KEY_6.
KEY_7 (see page 235)	This is constant KEY_7.
KEY_8 (see page 236)	This is constant KEY_8.
KEY_9 (see page 236)	This is constant KEY_9.
KEY_A (see page 236)	This is constant KEY_A.
KEY_AC_BACK (see page 236)	This is constant KEY_AC_BACK.
KEY_AC_BOOKMARKS (see page 237)	This is constant KEY_AC_BOOKMARKS.
KEY_AC_FORWARD (see page 237)	This is constant KEY_AC_FORWARD.
KEY_AC_HOME (see page 237)	This is constant KEY_AC_HOME.
KEY_AC_REFRESH (see page 237)	This is constant KEY_AC_REFRESH.
KEY_AC_SEARCH (see page 237)	This is constant KEY_AC_SEARCH.
KEY_AC_STOP (see page 238)	This is constant KEY_AC_STOP.
KEY_AGAIN (see page 238)	This is constant KEY_AGAIN.
KEY_ALTERASE (see page 238)	This is constant KEY_ALTERASE.
KEY_APOSTROPHE (see page 238)	This is constant KEY_APOSTROPHE.
KEY_APP1 (see page 239)	This is constant KEY_APP1.
KEY_APP2 (see page 239)	This is constant KEY_APP2.
KEY_APPLICATION (see page 239)	This is constant KEY_APPLICATION.
KEY_AUDIOFASTFORWARD (see page 239)	This is constant KEY_AUDIOFASTFORWARD.
KEY_AUDIOMUTE (see page 239)	This is constant KEY_AUDIOMUTE.
KEY_AUDIONEXT (see page 240)	This is constant KEY_AUDIONEXT.
KEY_AUDIOPLAY (see page 240)	This is constant KEY_AUDIOPLAY.
KEY_AUDIOPREV (see page 240)	This is constant KEY_AUDIOPREV.

KEY_AUDIOREWIND (see page 240)	This is constant KEY_AUDIOREWIND.
KEY_AUDIOSTOP (see page 241)	This is constant KEY_AUDIOSTOP.
KEY_B (see page 241)	This is constant KEY_B.
KEY_BACKSLASH (see page 241)	This is constant KEY_BACKSLASH.
KEY_BACKSPACE (see page 241)	This is constant KEY_BACKSPACE.
KEY_BRIGHTNESSDOWN (see page 241)	This is constant KEY_BRIGHTNESSDOWN.
KEY_BRIGHTNESSUP (see page 242)	This is constant KEY_BRIGHTNESSUP.
KEY_C (see page 242)	This is constant KEY_C.
KEY_CALCULATOR (see page 242)	This is constant KEY_CALCULATOR.
KEY_CALL (see page 242)	This is constant KEY_CALL.
KEY_CANCEL (see page 243)	This is constant KEY_CANCEL.
KEY_CAPSLOCK (see page 243)	This is constant KEY_CAPSLOCK.
KEY_CLEAR (see page 243)	This is constant KEY_CLEAR.
KEY_CLEARAGAIN (see page 243)	This is constant KEY_CLEARAGAIN.
KEY_COMMA (see page 243)	This is constant KEY_COMMA.
KEY_COMPUTER (see page 244)	This is constant KEY_COMPUTER.
KEY_COPY (see page 244)	This is constant KEY_COPY.
KEY_CRSEL (see page 244)	This is constant KEY_CRSEL.
KEY_CURRENCYSUBUNIT (see page 244)	This is constant KEY_CURRENCYSUBUNIT.
KEY_CURRENCYUNIT (see page 245)	This is constant KEY_CURRENCYUNIT.
KEY_CUT (see page 245)	This is constant KEY_CUT.
KEY_D (see page 245)	This is constant KEY_D.
KEY_DECIMALSEPARATOR (see page 245)	This is constant KEY_DECIMALSEPARATOR.
KEY_DELETE (see page 245)	This is constant KEY_DELETE.
KEY_DISPLAYSWITCH (see page 246)	This is constant KEY_DISPLAYSWITCH.
KEY_DOWN (see page 246)	This is constant KEY_DOWN.
KEY_E (see page 246)	This is constant KEY_E.
KEY_EJECT (see page 246)	This is constant KEY_EJECT.
KEY_END (see page 247)	This is constant KEY_END.
KEY_ENDCALL (see page 247)	This is constant KEY_ENDCALL.
KEY_EQUALS (see page 247)	This is constant KEY_EQUALS.
KEY_ESCAPE (see page 247)	This is constant KEY_ESCAPE.
KEY_EXECUTE (see page 247)	This is constant KEY_EXECUTE.
KEY_F (see page 248)	This is constant KEY_F.
KEY_F1 (see page 248)	This is constant KEY_F1.
KEY_F10 (see page 248)	This is constant KEY_F10.
KEY_F11 (see page 248)	This is constant KEY_F11.
KEY_F12 (see page 249)	This is constant KEY_F12.
KEY_F13 (see page 249)	This is constant KEY_F13.
KEY_F14 (see page 249)	This is constant KEY_F14.
KEY_F15 (see page 249)	This is constant KEY_F15.
KEY_F16 (see page 249)	This is constant KEY_F16.
KEY_F17 (see page 250)	This is constant KEY_F17.
KEY_F18 (see page 250)	This is constant KEY_F18.
KEY_F19 (see page 250)	This is constant KEY_F19.
KEY_F2 (see page 250)	This is constant KEY_F2.
KEY_F20 (see page 251)	This is constant KEY_F20.
KEY_F21 (see page 251)	This is constant KEY_F21.
KEY_F22 (see page 251)	This is constant KEY_F22.

KEY_F23 (see page 251)	This is constant KEY_F23.
KEY_F24 (see page 251)	This is constant KEY_F24.
KEY_F3 (see page 252)	This is constant KEY_F3.
KEY_F4 (see page 252)	This is constant KEY_F4.
KEY_F5 (see page 252)	This is constant KEY_F5.
KEY_F6 (see page 252)	This is constant KEY_F6.
KEY_F7 (see page 253)	This is constant KEY_F7.
KEY_F8 (see page 253)	This is constant KEY_F8.
KEY_F9 (see page 253)	This is constant KEY_F9.
KEY_FIND (see page 253)	This is constant KEY_FIND.
KEY_G (see page 253)	This is constant KEY_G.
KEY_GRAVE (see page 254)	This is constant KEY_GRAVE.
KEY_H (see page 254)	This is constant KEY_H.
KEY_HELP (see page 254)	This is constant KEY_HELP.
KEY_HOME (see page 254)	This is constant KEY_HOME.
KEY_I (see page 255)	This is constant KEY_I.
KEY_INSERT (see page 255)	This is constant KEY_INSERT.
KEY_INTERNATIONAL1 (see page 255)	This is constant KEY_INTERNATIONAL1.
KEY_INTERNATIONAL2 (see page 255)	This is constant KEY_INTERNATIONAL2.
KEY_INTERNATIONAL3 (see page 255)	This is constant KEY_INTERNATIONAL3.
KEY_INTERNATIONAL4 (see page 256)	This is constant KEY_INTERNATIONAL4.
KEY_INTERNATIONAL5 (see page 256)	This is constant KEY_INTERNATIONAL5.
KEY_INTERNATIONAL6 (see page 256)	This is constant KEY_INTERNATIONAL6.
KEY_INTERNATIONAL7 (see page 256)	This is constant KEY_INTERNATIONAL7.
KEY_INTERNATIONAL8 (see page 257)	This is constant KEY_INTERNATIONAL8.
KEY_INTERNATIONAL9 (see page 257)	This is constant KEY_INTERNATIONAL9.
KEY_J (see page 257)	This is constant KEY_J.
KEY_K (see page 257)	This is constant KEY_K.
KEY_KBDILLUMDOWN (see page 257)	This is constant KEY_KBDILLUMDOWN.
KEY_KBDILLUMTOGGLE (see page 258)	This is constant KEY_KBDILLUMTOGGLE.
KEY_KBDILLUMUP (see page 258)	This is constant KEY_KBDILLUMUP.
KEY_KP_0 (see page 258)	This is constant KEY_KP_0.
KEY_KP_00 (see page 258)	This is constant KEY_KP_00.
KEY_KP_000 (see page 259)	This is constant KEY_KP_000.
KEY_KP_1 (see page 259)	This is constant KEY_KP_1.
KEY_KP_2 (see page 259)	This is constant KEY_KP_2.
KEY_KP_3 (see page 259)	This is constant KEY_KP_3.
KEY_KP_4 (see page 259)	This is constant KEY_KP_4.
KEY_KP_5 (see page 260)	This is constant KEY_KP_5.
KEY_KP_6 (see page 260)	This is constant KEY_KP_6.
KEY_KP_7 (see page 260)	This is constant KEY_KP_7.
KEY_KP_8 (see page 260)	This is constant KEY_KP_8.
KEY_KP_9 (see page 261)	This is constant KEY_KP_9.
KEY_KP_A (see page 261)	This is constant KEY_KP_A.
KEY_KP_AMPERSAND (see page 261)	This is constant KEY_KP_AMPERSAND.
KEY_KP_AT (see page 261)	This is constant KEY_KP_AT.
KEY_KP_B (see page 261)	This is constant KEY_KP_B.
KEY_KP_BACKSPACE (see page 262)	This is constant KEY_KP_BACKSPACE.
KEY_KP_BINARY (see page 262)	This is constant KEY_KP_BINARY.

KEY_KP_C (see page 262)	This is constant KEY_KP_C.
KEY_KP_CLEAR (see page 262)	This is constant KEY_KP_CLEAR.
KEY_KP_CLEARENTRY (see page 263)	This is constant KEY_KP_CLEARENTRY.
KEY_KP_COLON (see page 263)	This is constant KEY_KP_COLON.
KEY_KP_COMMA (see page 263)	This is constant KEY_KP_COMMA.
KEY_KP_D (see page 263)	This is constant KEY_KP_D.
KEY_KP_DBLAMPERSAND (see page 263)	This is constant KEY_KP_DBLAMPERSAND.
KEY_KP_DBLVERTICALBAR (see page 264)	This is constant KEY_KP_DBLVERTICALBAR.
KEY_KP_DECIMAL (see page 264)	This is constant KEY_KP_DECIMAL.
KEY_KP_DIVIDE (see page 264)	This is constant KEY_KP_DIVIDE.
KEY_KP_E (see page 264)	This is constant KEY_KP_E.
KEY_KP_ENTER (see page 265)	This is constant KEY_KP_ENTER.
KEY_KP_EQUALS (see page 265)	This is constant KEY_KP_EQUALS.
KEY_KP_EQUALSAS400 (see page 265)	This is constant KEY_KP_EQUALSAS400.
KEY_KP_EXCLAM (see page 265)	This is constant KEY_KP_EXCLAM.
KEY_KP_F (see page 265)	This is constant KEY_KP_F.
KEY_KP_GREATER (see page 266)	This is constant KEY_KP_GREATER.
KEY_KP_HASH (see page 266)	This is constant KEY_KP_HASH.
KEY_KP_HEXADecimal (see page 266)	This is constant KEY_KP_HEXADecimal.
KEY_KP_LEFTBRACE (see page 266)	This is constant KEY_KP_LEFTBRACE.
KEY_KP_LEFTPAREN (see page 267)	This is constant KEY_KP_LEFTPAREN.
KEY_KP_LESS (see page 267)	This is constant KEY_KP_LESS.
KEY_KP_MEMADD (see page 267)	This is constant KEY_KP_MEMADD.
KEY_KP_MEMCLEAR (see page 267)	This is constant KEY_KP_MEMCLEAR.
KEY_KP_MEMDIVIDE (see page 267)	This is constant KEY_KP_MEMDIVIDE.
KEY_KP_MEMMULTIPLY (see page 268)	This is constant KEY_KP_MEMMULTIPLY.
KEY_KP_MEMRECALL (see page 268)	This is constant KEY_KP_MEMRECALL.
KEY_KP_MEMSTORE (see page 268)	This is constant KEY_KP_MEMSTORE.
KEY_KP_MEMSUBTRACT (see page 268)	This is constant KEY_KP_MEMSUBTRACT.
KEY_KP_MINUS (see page 269)	This is constant KEY_KP_MINUS.
KEY_KP_MULTIPLY (see page 269)	This is constant KEY_KP_MULTIPLY.
KEY_KP_OCTAL (see page 269)	This is constant KEY_KP_OCTAL.
KEY_KP_PERCENT (see page 269)	This is constant KEY_KP_PERCENT.
KEY_KP_PERIOD (see page 269)	This is constant KEY_KP_PERIOD.
KEY_KP_PLUS (see page 270)	This is constant KEY_KP_PLUS.
KEY_KP_PLUSMINUS (see page 270)	This is constant KEY_KP_PLUSMINUS.
KEY_KP_POWER (see page 270)	This is constant KEY_KP_POWER.
KEY_KP_RIGHTBRACE (see page 270)	This is constant KEY_KP_RIGHTBRACE.
KEY_KP_RIGHTPAREN (see page 271)	This is constant KEY_KP_RIGHTPAREN.
KEY_KP_SPACE (see page 271)	This is constant KEY_KP_SPACE.
KEY_KP_TAB (see page 271)	This is constant KEY_KP_TAB.
KEY_KP_VERTICALBAR (see page 271)	This is constant KEY_KP_VERTICALBAR.
KEY_KP_XOR (see page 271)	This is constant KEY_KP_XOR.
KEY_L (see page 272)	This is constant KEY_L.
KEY_LALT (see page 272)	This is constant KEY_LALT.
KEY_LANG1 (see page 272)	This is constant KEY_LANG1.
KEY_LANG2 (see page 272)	This is constant KEY_LANG2.
KEY_LANG3 (see page 273)	This is constant KEY_LANG3.
KEY_LANG4 (see page 273)	This is constant KEY_LANG4.

KEY_LANG5 (see page 273)	This is constant KEY_LANG5.
KEY_LANG6 (see page 273)	This is constant KEY_LANG6.
KEY_LANG7 (see page 273)	This is constant KEY_LANG7.
KEY_LANG8 (see page 274)	This is constant KEY_LANG8.
KEY_LANG9 (see page 274)	This is constant KEY_LANG9.
KEY_LCTRL (see page 274)	This is constant KEY_LCTRL.
KEY_LEFT (see page 274)	This is constant KEY_LEFT.
KEY_LEFTBRACKET (see page 275)	This is constant KEY_LEFTBRACKET.
KEY_LGUI (see page 275)	This is constant KEY_LGUI.
KEY_LSHIFT (see page 275)	This is constant KEY_LSHIFT.
KEY_M (see page 275)	This is constant KEY_M.
KEY_MAIL (see page 275)	This is constant KEY_MAIL.
KEY_MEDIASELECT (see page 276)	This is constant KEY_MEDIASELECT.
KEY_MENU (see page 276)	This is constant KEY_MENU.
KEY_MINUS (see page 276)	This is constant KEY_MINUS.
KEY_MODE (see page 276)	This is constant KEY_MODE.
KEY_MUTE (see page 277)	This is constant KEY_MUTE.
KEY_N (see page 277)	This is constant KEY_N.
KEY_NONUSBACKSLASH (see page 277)	This is constant KEY_NONUSBACKSLASH.
KEY_NONUSHASH (see page 277)	This is constant KEY_NONUSHASH.
KEY_NUMLOCKCLEAR (see page 277)	This is constant KEY_NUMLOCKCLEAR.
KEY_O (see page 278)	This is constant KEY_O.
KEY_OPER (see page 278)	This is constant KEY_OPER.
KEY_OUT (see page 278)	This is constant KEY_OUT.
KEY_P (see page 278)	This is constant KEY_P.
KEY_PAGEDOWN (see page 279)	This is constant KEY_PAGEDOWN.
KEY_PAGEUP (see page 279)	This is constant KEY_PAGEUP.
KEY_PASTE (see page 279)	This is constant KEY_PASTE.
KEY_PAUSE (see page 279)	This is constant KEY_PAUSE.
KEY_PERIOD (see page 279)	This is constant KEY_PERIOD.
KEY_POWER (see page 280)	This is constant KEY_POWER.
KEY_PRINTSCREEN (see page 280)	This is constant KEY_PRINTSCREEN.
KEY_PRIOR (see page 280)	This is constant KEY_PRIOR.
KEY_Q (see page 280)	This is constant KEY_Q.
KEY_R (see page 281)	This is constant KEY_R.
KEY_RALT (see page 281)	This is constant KEY_RALT.
KEY_RCTRL (see page 281)	This is constant KEY_RCTRL.
KEY_RETURN (see page 281)	This is constant KEY_RETURN.
KEY_RETURN2 (see page 281)	This is constant KEY_RETURN2.
KEY_RGUI (see page 282)	This is constant KEY_RGUI.
KEY_RIGHT (see page 282)	This is constant KEY_RIGHT.
KEY_RIGHTBRACKET (see page 282)	This is constant KEY_RIGHTBRACKET.
KEY_RSHIFT (see page 282)	This is constant KEY_RSHIFT.
KEY_S (see page 283)	This is constant KEY_S.
KEY_SCROLLLOCK (see page 283)	This is constant KEY_SCROLLLOCK.
KEY_SELECT (see page 283)	This is constant KEY_SELECT.
KEY_SEMICOLON (see page 283)	This is constant KEY_SEMICOLON.
KEY_SEPARATOR (see page 283)	This is constant KEY_SEPARATOR.
KEY_SLASH (see page 284)	This is constant KEY_SLASH.

KEY_SLEEP (see page 284)	This is constant KEY_SLEEP.
KEY_SOFTLEFT (see page 284)	This is constant KEY_SOFTLEFT.
KEY_SOFTRIGHT (see page 284)	This is constant KEY_SOFTRIGHT.
KEY_SPACE (see page 285)	This is constant KEY_SPACE.
KEY_STOP (see page 285)	This is constant KEY_STOP.
KEY_SYSREQ (see page 285)	This is constant KEY_SYSREQ.
KEY_T (see page 285)	This is constant KEY_T.
KEY_TAB (see page 285)	This is constant KEY_TAB.
KEY_THOUSANDSSEPARATOR (see page 286)	This is constant KEY_THOUSANDSSEPARATOR.
KEY_U (see page 286)	This is constant KEY_U.
KEY_UNDO (see page 286)	This is constant KEY_UNDO.
KEY_UP (see page 286)	This is constant KEY_UP.
KEY_V (see page 287)	This is constant KEY_V.
KEY_VOLUMEDOWN (see page 287)	This is constant KEY_VOLUMEDOWN.
KEY_VOLUMEUP (see page 287)	This is constant KEY_VOLUMEUP.
KEY_W (see page 287)	This is constant KEY_W.
KEY_WWW (see page 287)	This is constant KEY_WWW.
KEY_X (see page 288)	This is constant KEY_X.
KEY_Y (see page 288)	This is constant KEY_Y.
KEY_Z (see page 288)	This is constant KEY_Z.
KHAKI (see page 288)	This is constant KHAKI.
LAVENDER (see page 289)	This is constant LAVENDER.
LAVENDERBLUSH (see page 289)	This is constant LAVENDERBLUSH.
LAWNGREEN (see page 289)	This is constant LAWNGREEN.
LEMONCHIFFON (see page 289)	This is constant LEMONCHIFFON.
LF (see page 289)	This is constant LF.
LIGHTBLUE (see page 290)	This is constant LIGHTBLUE.
LIGHTCORAL (see page 290)	This is constant LIGHTCORAL.
LIGHTCYAN (see page 290)	This is constant LIGHTCYAN.
LIGHTGOLDENRODYELLOW (see page 290)	This is constant LIGHTGOLDENRODYELLOW.
LIGHTGRAY (see page 291)	This is constant LIGHTGRAY.
LIGHTGREEN (see page 291)	This is constant LIGHTGREEN.
LIGHTGREY (see page 291)	This is constant LIGHTGREY.
LIGHTPINK (see page 291)	This is constant LIGHTPINK.
LIGHTSALMON (see page 291)	This is constant LIGHTSALMON.
LIGHTSEAGREEN (see page 292)	This is constant LIGHTSEAGREEN.
LIGHTSKYBLUE (see page 292)	This is constant LIGHTSKYBLUE.
LIGHTSLATEGRAY (see page 292)	This is constant LIGHTSLATEGRAY.
LIGHTSLATEGREY (see page 292)	This is constant LIGHTSLATEGREY.
LIGHTSTEELBLUE (see page 293)	This is constant LIGHTSTEELBLUE.
LIGHTYELLOW (see page 293)	This is constant LIGHTYELLOW.
LIME (see page 293)	This is constant LIME.
LIMEGREEN (see page 293)	This is constant LIMEGREEN.
LINEN (see page 293)	This is constant LINEN.
LOGEXT (see page 294)	This is constant LOGEXT.
LuSCANCODE_EXSEL (see page 294)	This is constant LuSCANCODE_EXSEL.
MAGENTA (see page 294)	This is constant MAGENTA.
MAROON (see page 294)	This is constant MAROON.











MEDIUMAQUAMARINE (see page 295)	This is constant MEDIUMAQUAMARINE.
MEDIUMBLUE (see page 295)	This is constant MEDIUMBLUE.
MEDIUMORCHID (see page 295)	This is constant MEDIUMORCHID.
MEDIUMPURPLE (see page 295)	This is constant MEDIUMPURPLE.
MEDIUMSEAGREEN (see page 295)	This is constant MEDIUMSEAGREEN.
MEDIUMSLATEBLUE (see page 296)	This is constant MEDIUMSLATEBLUE.
MEDIUMSPRINGGREEN (see page 296)	This is constant MEDIUMSPRINGGREEN.
MEDIUMTURQUOISE (see page 296)	This is constant MEDIUMTURQUOISE.
MEDIUMVIOLETRED (see page 296)	This is constant MEDIUMVIOLETRED.
MIDNIGHTBLUE (see page 297)	This is constant MIDNIGHTBLUE.
MINTCREAM (see page 297)	This is constant MINTCREAM.
MISTYROSE (see page 297)	This is constant MISTYROSE.
MOCCASIN (see page 297)	This is constant MOCCASIN.
MPGEXT (see page 297)	This is constant MPGEXT.
NAN (see page 298)	This is constant NAN.
NAVAJOWHITE (see page 298)	This is constant NAVAJOWHITE.
NAVY (see page 298)	This is constant NAVY.
OGGEXT (see page 298)	This is constant OGGEXT.
OLDLACE (see page 299)	This is constant OLDLACE.
OLIVE (see page 299)	This is constant OLIVE.
OLIVEDRAB (see page 299)	This is constant OLIVEDRAB.
ORANGE (see page 299)	This is constant ORANGE.
ORANGERED (see page 299)	This is constant ORANGERED.
ORCHID (see page 300)	This is constant ORCHID.
OVERLAY1 (see page 300)	This is constant OVERLAY1.
OVERLAY2 (see page 300)	This is constant OVERLAY2.
PALEGOLDENROD (see page 300)	This is constant PALEGOLDENROD.
PALEGREEN (see page 301)	This is constant PALEGREEN.
PALETURQUOISE (see page 301)	This is constant PALETURQUOISE.
PALEVIOLETRED (see page 301)	This is constant PALEVIOLETRED.
PAPAYAWHIP (see page 301)	This is constant PAPAYAWHIP.
PEACHPUFF (see page 301)	This is constant PEACHPUFF.
PERU (see page 302)	This is constant PERU.
PINK (see page 302)	This is constant PINK.
PLUM (see page 302)	This is constant PLUM.
PNGEXT (see page 302)	This is constant PNGEXT.
POWDERBLUE (see page 303)	This is constant POWDERBLUE.
PURPLE (see page 303)	This is constant PURPLE.
RADTODEG (see page 303)	This is constant RADTODEG.
REBECCAPURPLE (see page 303)	This is constant REBECCAPURPLE.
RED (see page 303)	This is constant RED.
RED2 (see page 304)	This is constant RED2.
ROSYBROWN (see page 304)	This is constant ROSYBROWN.
ROYALBLUE (see page 304)	This is constant ROYALBLUE.
SADDLEBROWN (see page 304)	This is constant SADDLEBROWN.
SALMON (see page 305)	This is constant SALMON.
SANDYBROWN (see page 305)	This is constant SANDYBROWN.
SEAGREEN (see page 305)	This is constant SEAGREEN.
SEASHELL (see page 305)	This is constant SEASHELL.

SIENNA (see page 305)	This is constant SIENNA.
SILVER (see page 306)	This is constant SILVER.
SKYBLUE (see page 306)	This is constant SKYBLUE.
SLATEBLUE (see page 306)	This is constant SLATEBLUE.
SLATEGRAY (see page 306)	This is constant SLATEGRAY.
SLATEGREY (see page 307)	This is constant SLATEGREY.
SNOW (see page 307)	This is constant SNOW.
SPRINGGREEN (see page 307)	This is constant SPRINGGREEN.
STEELBLUE (see page 307)	This is constant STEELBLUE.
TAN (see page 307)	This is constant TAN.
TEAL (see page 308)	This is constant TEAL.
THISTLE (see page 308)	This is constant THISTLE.
TIMER_FIXEDUPDATE_SPEED (see page 308)	This is constant TIMER_FIXEDUPDATE_SPEED.
TIMER_UPDATE_SPEED (see page 308)	This is constant TIMER_UPDATE_SPEED.
TOMATO (see page 309)	This is constant TOMATO.
TURQUOISE (see page 309)	This is constant TURQUOISE.
VERSION_MAJOR (see page 309)	This is constant VERSION_MAJOR.
VERSION_MINOR (see page 309)	This is constant VERSION_MINOR.
VERSION_PATCH (see page 309)	This is constant VERSION_PATCH.
VIDEO_SAMPLEBUFFERSIZE (see page 310)	This is constant VIDEO_SAMPLEBUFFERSIZE.
VIOLET (see page 310)	This is constant VIOLET.
WHEAT (see page 310)	This is constant WHEAT.
WHITE (see page 310)	This is constant WHITE.
WHITE2 (see page 311)	This is constant WHITE2.
WHITESMOKE (see page 311)	This is constant WHITESMOKE.
WINDOW_HEIGHT (see page 311)	This is constant WINDOW_HEIGHT.
WINDOW_WIDTH (see page 311)	This is constant WINDOW_WIDTH.
YELLOW (see page 311)	This is constant YELLOW.
YELLOWGREEN (see page 312)	This is constant YELLOWGREEN.

Files

DelphiGamekit.pas (see page 312)	This is file DelphiGamekit.pas.
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Structs, Records, Enums

	TAudioFading (see page 194)	This is record TAudioFading.
	TBlendMode (see page 194)	This is record TBlendMode.
	TEaseType (see page 194)	This is record TEaseType.
	TFlipMode (see page 195)	This is record TFlipMode.
	THAlign (see page 195)	This is record THAlign.
	TLineIntersection (see page 195)	This is record TLineIntersection.
	TSpeechVoiceAttribute (see page 196)	This is record TSpeechVoiceAttribute.
	TTextureAccess (see page 196)	This is record TTextureAccess.
	TVAlign (see page 196)	This is record TVAlign.
	TVideoStatus (see page 196)	This is record TVideoStatus.

Types

PColor (see page 197)	This is type PColor.
PPoint (see page 197)	This is type PPoint.
PRect (see page 198)	This is type PRect.

PVector (see page 198)	This is type PVector.
PVideo (see page 198)	This is type PVideo.
TAsyncProc (see page 198)	This is type TAsyncProc.
TCaptureConsoleOutputEvent (see page 198)	This is type TCaptureConsoleOutputEvent.
TGameClass (see page 199)	This is type TGameClass.
TMusic (see page 199)	This is type TMusic.
TSound (see page 199)	This is type TSound.

Variables

Game (see page 200)	This is variable Game.
Marshaller (see page 200)	This is variable Marshaller.

Functions


















◆ AddSelfToUserPath (see page 174)	This is function AddSelfToUserPath.
◆ AngleCos (see page 175)	This is function AngleCos.
◆ AngleDiff (see page 175)	This is function AngleDiff.
◆ AngleRotatePos (see page 175)	This is function AngleRotatePos.
◆ AngleSin (see page 175)	This is function AngleSin.
◆ CaptureConsoleOutput (see page 176)	This is function CaptureConsoleOutput.
◆ CircleInRectangle (see page 176)	This is function CircleInRectangle.
◆ CirclesOverlap (see page 176)	This is function CirclesOverlap.
◆ ClipVaLue (see page 177)	This is function ClipVaLue.
◆ ClipVaLuef (see page 177)	This is function ClipVaLuef.
◆ CreateDirsInPath (see page 177)	This is function CreateDirsInPath.
◆ EasePosition (see page 177)	This is function EasePosition.
◆ EaseValue (see page 178)	This is function EaseValue.
◆ ExpandRelDirectory (see page 178)	This is function ExpandRelDirectory.
◆ ExpandRelFilename (see page 178)	This is function ExpandRelFilename.
◆ ExtractRelativeDirectory (see page 179)	This is function ExtractRelativeDirectory.
◆ ExtractRelativeFilename (see page 179)	This is function ExtractRelativeFilename.
◆ FreeNilObject (see page 179)	This is function FreeNilObject.
◆ GetDirName (see page 179)	This is function GetDirName.
◆ GetEnvVarValue (see page 180)	This is function GetEnvVarValue.
◆ GetExeBasePath (see page 180)	This is function GetExeBasePath.
◆ GetExePath (see page 180)	This is function GetExePath.
◆ GetFileRWops (see page 180)	This is function GetFileRWops.
◆ GetMemRWops (see page 181)	This is function GetMemRWops.
◆ GetRandomSeed (see page 181)	This is function GetRandomSeed.
◆ GetSemVerStr (see page 181)	This is function GetSemVerStr.
◆ GetUUID (see page 181)	This is function GetUUID.
◆ GetVersionInfo (see page 182)	This is function GetVersionInfo.
◆ GetVersionInfo (see page 182)	This is function GetVersionInfo.
◆ HasConsoleOutput (see page 182)	This is function HasConsoleOutput.
◆ HttpGet (see page 182)	This is function HttpGet.
◆ IsCurrentDir (see page 183)	This is function IsCurrentDir.
◆ IsSingleInstance (see page 183)	This is function IsSingleInstance.
◆ IsValidFilename (see page 183)	This is function IsValidFilename.

◆	Lerp (see page 183)	This is function Lerp.
◆	LineIntersection (see page 184)	This is function LineIntersection.
◆	Pause (see page 184)	This is function Pause.
◆	PointInCircle (see page 184)	This is function PointInCircle.
◆	PointInRectangle (see page 184)	This is function PointInRectangle.
◆	PointInTriangle (see page 185)	This is function PointInTriangle.
◆	Print (see page 185)	This is function Print.
◆	Print (see page 185)	This is function Print.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	ProcessMessages (see page 186)	This is function ProcessMessages.
◆	RadiusOverlap (see page 187)	This is function RadiusOverlap.
◆	RandomBool (see page 187)	This is function RandomBool.
◆	RandomRange (see page 187)	This is function RandomRange.
◆	RandomRangeF (see page 187)	This is function RandomRangeF.
◆	ReadStringFromStream (see page 188)	This is function ReadStringFromStream.
◆	RectangleIntersection (see page 188)	This is function RectangleIntersection.
◆	RectanglesOverlap (see page 188)	This is function RectanglesOverlap.
◆	RemoveDuplicates (see page 188)	This is function RemoveDuplicates.
◆	RemoveDuplicates2 (see page 189)	This is function RemoveDuplicates2.
◆	RemoveQuotes (see page 189)	This is function RemoveQuotes.
◆	RemoveSelfFromUserPath (see page 189)	This is function RemoveSelfFromUserPath.
◆	ResourceExists (see page 189)	This is function ResourceExists.
◆	RunGame (see page 190)	This is function RunGame.
◆	SameSign (see page 190)	This is function SameSign.
◆	SameSignf (see page 190)	This is function SameSignf.
◆	SameVaLue (see page 190)	This is function SameVaLue.
◆	SameVaLuef (see page 191)	This is function SameVaLuef.
◆	SetEnvVarValue (see page 191)	This is function SetEnvVarValue.
◆	SetGlobalEnvironment (see page 191)	This is function SetGlobalEnvironment.
◆	SetRandomSeed (see page 191)	This is function SetRandomSeed.
◆	ShellOpen (see page 192)	This is function ShellOpen.
◆	SmoothMove (see page 192)	This is function SmoothMove.
◆	UnitToScalarValue (see page 192)	This is function UnitToScalarValue.
◆	WaitForAnyKey (see page 193)	This is function WaitForAnyKey.
◆	WasRunFromConsole (see page 193)	This is function WasRunFromConsole.
◆	WriteStringToStream (see page 193)	This is function WriteStringToStream.

1.1 Classes

The following table lists classes in this documentation.

Classes

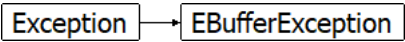
	EBufferException (see page 15)	This is class EBufferException.
	TAScreenshake (see page 15)	This is class TAScreenshake.
	TArchive (see page 17)	This is class TArchive.
	TArchiveFile (see page 20)	This is class TArchiveFile.
	TAsyncThread (see page 26)	This is class TAsyncThread.
	TBaseObject (see page 35)	This is class TBaseObject.
	TBuffer (see page 36)	This is class TBuffer.
	TCloudDb (see page 39)	This is class TCloudDb.
	TConfigFile (see page 54)	This is class TConfigFile.
	TEntity (see page 62)	This is class TEntity.
	TFont (see page 80)	This is class TFont.
	TGame (see page 87)	This is class TGame.
	TGeometry (see page 101)	This is class TGeometry.
	TPolyPoint (see page 116)	This is class TPolyPoint.
	TPolygon (see page 121)	This is class TPolygon.
	TSprite (see page 139)	This is class TSprite.
	TTexture (see page 146)	This is class TTexture.

Records

	TAsync (see page 24)	This is class TAsync.
	TAudio (see page 29)	This is class TAudio.
	TCmdLine (see page 47)	This is class TCmdLine.
	TColor (see page 51)	This is class TColor.
	TController (see page 59)	This is class TController.
	THud (see page 103)	This is class THud.
	TInput (see page 105)	This is class TInput.
	TLog (see page 110)	This is class TLog.
	TPoint (see page 113)	This is class TPoint.
	TPolypointTrace (see page 125)	This is class TPolypointTrace.
	TPrefs (see page 128)	This is class TPrefs.
	TRect (see page 130)	This is class TRect.
	TScreenshake (see page 133)	This is class TScreenshake.
	TSpeech (see page 135)	This is class TSpeech.
	TTimer (see page 153)	This is class TTimer.
	TVector (see page 155)	This is class TVector.
	TVideo (see page 162)	This is class TVideo.
	TWindow (see page 166)	This is class TWindow.

1.1.1 EBufferException

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

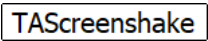
```
EBufferException = class(Exception);
```

Description

This is class EBufferException.

1.1.2 TAScreenshake

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

```
TAScreenshake = class;
```

Description

This is class TAScreenshake.

1.1.2.1 TAScreenshake Fields

The fields of the TAScreenshake class are listed here.

Fields

	FActive (see page 15)	This is FActive, a member of class TAScreenshake.
	FDuration (see page 16)	This is FDuration, a member of class TAScreenshake.
	FMagnitude (see page 16)	This is FMagnitude, a member of class TAScreenshake.
	FPos (see page 16)	This is FPos, a member of class TAScreenshake.
	FTimer (see page 16)	This is FTimer, a member of class TAScreenshake.

1.1.2.1.1 TAScreenshake.FActive

File: DelphiGamekit.pas (see page 312)

Delphi

```
FActive: Boolean;
```

Description

This is FActive, a member of class TAScreenshake.

1.1.2.1.2 TAScreenshake.FDuration

File: DelphiGamekit.pas (see page 312)

Delphi

```
FDuration: Single;
```

Description

This is FDuration, a member of class TAScreenshake.

1.1.2.1.3 TAScreenshake.FMagnitude

File: DelphiGamekit.pas (see page 312)

Delphi

```
FMagnitude: Single;
```

Description

This is FMagnitude, a member of class TAScreenshake.

1.1.2.1.4 TAScreenshake.FPos

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPos: TPoint;
```

Description

This is FPos, a member of class TAScreenshake.

1.1.2.1.5 TAScreenshake.FTimer

File: DelphiGamekit.pas (see page 312)

Delphi

```
FTimer: Single;
```




Description

This is FTimer, a member of class TAScreenshake.

1.1.2.2 TAScreenshake Methods

The methods of the TAScreenshake class are listed here.

Methods

	Create (see page 16)	This is Create, a member of class TAScreenshake.
	Destroy (see page 17)	This is Destroy, a member of class TAScreenshake.
	Process (see page 17)	This is Process, a member of class TAScreenshake.

1.1.2.2.1 TAScreenshake.Create

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Create, a member of class TAScreenshake.

1.1.2.2.2 TAScreenshake.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAScreenshake.

1.1.2.2.3 TAScreenshake.Process

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Process, a member of class TAScreenshake.

1.1.2.3 TAScreenshake Properties

The properties of the TAScreenshake class are listed here.

Properties

Active (see page 17)

This is Active, a member of class TAScreenshake.

1.1.2.3.1 TAScreenshake.Active

File: DelphiGamekit.pas (see page 312)

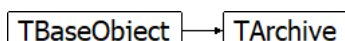
Delphi

```
property Active: Boolean;
```

Description

This is Active, a member of class TAScreenshake.

1.1.3 TArchive

Class Hierarchy

File: DelphiGamekit.pas (see page 312)

Delphi

```
TArchive = class(TBaseObject);
```












Description

This is class TArchive.

1.1.3.1 TArchive Methods

The methods of the TArchive class are listed here.

Methods

	Build (see page 18)	This is Build, a member of class TArchive.
	Close (see page 18)	This is Close, a member of class TArchive.
	Create (see page 18)	This is Create, a member of class TArchive.
	Destroy (see page 19)	This is Destroy, a member of class TArchive.
	FileExist (see page 19)	This is FileExist, a member of class TArchive.
	IsOpen (see page 19)	This is IsOpen, a member of class TArchive.
	Open (see page 19)	This is Open, a member of class TArchive.
	OpenFile (see page 19)	This is OpenFile, a member of class TArchive.
	OpenFileBuffer (see page 20)	This is OpenFileBuffer, a member of class TArchive.
	OpenFileRWops (see page 20)	This is OpenFileRWops, a member of class TArchive.
	OpenRes (see page 20)	This is OpenRes, a member of class TArchive.

1.1.3.1.1 TArchive.Build

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Build, a member of class TArchive.

1.1.3.1.2 TArchive.Close

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TArchive.

1.1.3.1.3 TArchive.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TArchive.

1.1.3.1.4 TArchive.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TArchive.

1.1.3.1.5 TArchive.FileExist

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FileExist, a member of class TArchive.

1.1.3.1.6 TArchive.IsOpen

File: DelphiGamekit.pas (see page 312)

Delphi

```
function IsOpen: Boolean;
```

Description

This is IsOpen, a member of class TArchive.

1.1.3.1.7 TArchive.Open

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Open, a member of class TArchive.

1.1.3.1.8 TArchive.OpenFile

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OpenFile, a member of class TArchive.

1.1.3.1.9 TArchive.OpenFileBuffer

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OpenFileBuffer, a member of class TArchive.

1.1.3.1.10 TArchive.OpenFileRWops

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OpenFileRWops, a member of class TArchive.

1.1.3.1.11 TArchive.OpenRes

File: DelphiGamekit.pas (see page 312)

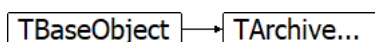
Delphi

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

Description

This is OpenRes, a member of class TArchive.

1.1.4 TArchiveFile

Class Hierarchy

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is class TArchiveFile.

1.1.4.1 TArchiveFile Methods

The methods of the TArchiveFile class are listed here.

Methods

✦	Close (see page 21)	This is Close, a member of class TArchiveFile.
✦ V	Create (see page 21)	This is Create, a member of class TArchiveFile.
✦ V	Destroy (see page 21)	This is Destroy, a member of class TArchiveFile.
✦	GetPos (see page 22)	This is GetPos, a member of class TArchiveFile.
✦	GetRWops (see page 22)	This is GetRWops, a member of class TArchiveFile.
✦	GetRWopsRes (see page 22)	This is GetRWopsRes, a member of class TArchiveFile.
✦	IsOpen (see page 22)	This is IsOpen, a member of class TArchiveFile.
✦	Open (see page 22)	This is Open, a member of class TArchiveFile.
✦	OpenRes (see page 23)	This is OpenRes, a member of class TArchiveFile.
✦	ReadData (see page 23)	This is ReadData, a member of class TArchiveFile.
✦	SaveToBuffer (see page 23)	This is SaveToBuffer, a member of class TArchiveFile.
✦	SaveToFile (see page 23)	This is SaveToFile, a member of class TArchiveFile.
✦	SetPos (see page 23)	This is SetPos, a member of class TArchiveFile.
✦	Size (see page 24)	This is Size, a member of class TArchiveFile.

1.1.4.1.1 TArchiveFile.Close

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TArchiveFile.

1.1.4.1.2 TArchiveFile.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TArchiveFile.

1.1.4.1.3 TArchiveFile.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TArchiveFile.

1.1.4.1.4 TArchiveFile.GetPos

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetPos: Int64;
```

Description

This is GetPos, a member of class TArchiveFile.

1.1.4.1.5 TArchiveFile.GetRWops

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetRWops, a member of class TArchiveFile.

1.1.4.1.6 TArchiveFile.GetRWopsRes

File: DelphiGamekit.pas (see page 312)

Delphi

```
class function GetRWopsRes(  
    const aPassword: string;  
    const aResName: string;  
    const aFilename: string  
): PSDL_RWops;
```

Description

This is GetRWopsRes, a member of class TArchiveFile.

1.1.4.1.7 TArchiveFile.IsOpen

File: DelphiGamekit.pas (see page 312)

Delphi

```
function IsOpen: Boolean;
```

Description

This is IsOpen, a member of class TArchiveFile.

1.1.4.1.8 TArchiveFile.Open

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Open, a member of class TArchiveFile.

1.1.4.1.9 TArchiveFile.OpenRes

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OpenRes, a member of class TArchiveFile.

1.1.4.1.10 TArchiveFile.ReadData

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ReadData, a member of class TArchiveFile.

1.1.4.1.11 TArchiveFile.SaveToBuffer

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SaveToBuffer: TBuffer;
```

Description

This is SaveToBuffer, a member of class TArchiveFile.

1.1.4.1.12 TArchiveFile.SaveToFile

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SaveToFile, a member of class TArchiveFile.

1.1.4.1.13 TArchiveFile.SetPos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetPos, a member of class TArchiveFile.

1.1.4.1.14 TArchiveFile.Size

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Size: Int64;
```

Description

This is Size, a member of class TArchiveFile.

1.1.5 TAsync

File: DelphiGamekit.pas (see page 312)

Delphi

```
TAsync = record  
end;
```








Description

This is class TAsync.

1.1.5.1 TAsync Methods

The methods of the TAsync class are listed here.

Methods

	Busy (see page 24)	This is Busy, a member of class TAsync.
	Enter (see page 25)	This is Enter, a member of class TAsync.
	Leave (see page 25)	This is Leave, a member of class TAsync.
	Process (see page 25)	This is Process, a member of class TAsync.
	Resume (see page 25)	This is Resume, a member of class TAsync.
	Run (see page 25)	This is Run, a member of class TAsync.
	Suspend (see page 26)	This is Suspend, a member of class TAsync.

1.1.5.1.1 TAsync.Busy

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Busy, a member of class TAsync.

1.1.5.1.2 TAsync.Enter

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Enter, a member of class TAsync.

1.1.5.1.3 TAsync.Leave

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Leave, a member of class TAsync.

1.1.5.1.4 TAsync.Process

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Process, a member of class TAsync.

1.1.5.1.5 TAsync.Resume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Resume, a member of class TAsync.

1.1.5.1.6 TAsync.Run

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Run, a member of class TAsync.

1.1.5.1.7 TAsync.Suspend

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is Suspend, a member of class TAsync.

1.1.5.2 TAsync Operators

The operators of the TAsync class are listed here.

Operators

	Finalize (see page 26)	This is Finalize, a member of class TAsync.
	Initialize (see page 26)	This is Initialize, a member of class TAsync.

1.1.5.2.1 TAsync.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TAsync.

1.1.5.2.2 TAsync.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

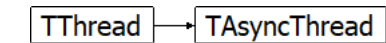
```
class operator Initialize(  
    out aDest: TAsync  
);
```

Description

This is Initialize, a member of class TAsync.

1.1.6 TAsyncThread

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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




Description

This is class TAsyncThread.

1.1.6.1 TAsyncThread Fields

The fields of the TAsyncThread class are listed here.

Fields

	FFinished (see page 27)	This is FFinished, a member of class TAsyncThread.
	FTask (see page 27)	This is FTask, a member of class TAsyncThread.
	FWait (see page 27)	This is FWait, a member of class TAsyncThread.

1.1.6.1.1 TAsyncThread.FFinished

File: DelphiGamekit.pas (see page 312)

Delphi

`FFinished: Boolean;`

Description

This is FFinished, a member of class TAsyncThread.

1.1.6.1.2 TAsyncThread.FTask

File: DelphiGamekit.pas (see page 312)

Delphi

`FTask: TAsyncProc;`

Description

This is FTask, a member of class TAsyncThread.

1.1.6.1.3 TAsyncThread.FWait

File: DelphiGamekit.pas (see page 312)

Delphi

`FWait: TAsyncProc;`




Description

This is FWait, a member of class TAsyncThread.

1.1.6.2 TAsyncThread Methods

The methods of the TAsyncThread class are listed here.

Methods

	Create (see page 28)	This is Create, a member of class TAsyncThread.
	Destroy (see page 28)	This is Destroy, a member of class TAsyncThread.
	Execute (see page 28)	This is Execute, a member of class TAsyncThread.

1.1.6.2.1 TAsyncThread.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; virtual;
```

Description

This is Create, a member of class TAsyncThread.

1.1.6.2.2 TAsyncThread.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TAsyncThread.

1.1.6.2.3 TAsyncThread.Execute

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Execute; override;
```




Description

This is Execute, a member of class TAsyncThread.

1.1.6.3 TAsyncThread Properties

The properties of the TAsyncThread class are listed here.

Properties

	Finished (see page 28)	This is Finished, a member of class TAsyncThread.
	TaskProc (see page 28)	This is TaskProc, a member of class TAsyncThread.
	WaitProc (see page 29)	This is WaitProc, a member of class TAsyncThread.

1.1.6.3.1 TAsyncThread.Finished

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Finished: Boolean;
```

Description

This is Finished, a member of class TAsyncThread.

1.1.6.3.2 TAsyncThread.TaskProc

File: DelphiGamekit.pas (see page 312)

Delphi

```
property TaskProc: TAsyncProc;
```

Description

This is TaskProc, a member of class TAsyncThread.

1.1.6.3.3 TAsyncThread.WaitProc

File: DelphiGamekit.pas (see page 312)

Delphi

```
property WaitProc: TAsyncProc;
```

Description

This is WaitProc, a member of class TAsyncThread.

1.1.7 TAudio

File: DelphiGamekit.pas (see page 312)

Delphi

```
TAudio = record
end;
```


















Description







This is class TAudio.

1.1.7.1 TAudio Methods

The methods of the TAudio class are listed here.

Methods

	AllocateSoundChannels (see page 30)	This is AllocateSoundChannels, a member of class TAudio.
	ExpireSound (see page 30)	This is ExpireSound, a member of class TAudio.
	FadeInSound (see page 30)	This is FadeInSound, a member of class TAudio.
	FadeOutSound (see page 30)	This is FadeOutSound, a member of class TAudio.
	FadingSound (see page 31)	This is FadingSound, a member of class TAudio.
	GetMusicVolume (see page 31)	This is GetMusicVolume, a member of class TAudio.
	GetSoundVolume (see page 31)	This is GetSoundVolume, a member of class TAudio.
	IsSoundPaused (see page 31)	This is IsSoundPaused, a member of class TAudio.
	IsSoundPlaying (see page 31)	This is IsSoundPlaying, a member of class TAudio.
	LoadMusic (see page 32)	This is LoadMusic, a member of class TAudio.
	LoadPlayMusic (see page 32)	This is LoadPlayMusic, a member of class TAudio.
	LoadSound (see page 32)	This is LoadSound, a member of class TAudio.
	PauseSound (see page 32)	This is PauseSound, a member of class TAudio.
	PlayMusic (see page 33)	This is PlayMusic, a member of class TAudio.
	PlaySound (see page 33)	This is PlaySound, a member of class TAudio.
	ReserveSoundChannels (see page 33)	This is ReserveSoundChannels, a member of class TAudio.
	ResumeSound (see page 33)	This is ResumeSound, a member of class TAudio.

	SetMusicVolume (see page 33)	This is SetMusicVolume, a member of class TAudio.
	SetSoundPosition (see page 34)	This is SetSoundPosition, a member of class TAudio.
	SetSoundVolume (see page 34)	This is SetSoundVolume, a member of class TAudio.
	StopSound (see page 34)	This is StopSound, a member of class TAudio.
	UnloadMusic (see page 34)	This is UnloadMusic, a member of class TAudio.
	UnloadSound (see page 35)	This is UnloadSound, a member of class TAudio.

1.1.7.1.1 TAudio.AllocateSoundChannels

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AllocateSoundChannels, a member of class TAudio.

1.1.7.1.2 TAudio.ExpireSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ExpireSound, a member of class TAudio.

1.1.7.1.3 TAudio.FadeInSound

File: DelphiGamekit.pas (see page 312)

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.

1.1.7.1.4 TAudio.FadeOutSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FadeOutSound, a member of class TAudio.

1.1.7.1.5 TAudio.FadingSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FadingSound, a member of class TAudio.

1.1.7.1.6 TAudio.GetMusicVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetMusicVolume, a member of class TAudio.

1.1.7.1.7 TAudio.GetSoundVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetSoundVolume, a member of class TAudio.

1.1.7.1.8 TAudio.IsSoundPaused

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is IsSoundPaused, a member of class TAudio.

1.1.7.1.9 TAudio.IsSoundPlaying

File: DelphiGamekit.pas (see page 312)

Delphi

```
class function IsSoundPlaying(  

```

```
    const aChannel: Integer  
  ): Boolean; static;
```

Description

This is IsSoundPlaying, a member of class TAudio.

1.1.7.1.10 TAudio.LoadMusic

File: DelphiGamekit.pas (see page 312)

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.

1.1.7.1.11 TAudio.LoadPlayMusic

File: DelphiGamekit.pas (see page 312)

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.

1.1.7.1.12 TAudio.LoadSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is LoadSound, a member of class TAudio.

1.1.7.1.13 TAudio.PauseSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is PauseSound, a member of class TAudio.

1.1.7.1.14 TAudio.PlayMusic

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is PlayMusic, a member of class TAudio.

1.1.7.1.15 TAudio.PlaySound

File: DelphiGamekit.pas (see page 312)

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.

1.1.7.1.16 TAudio.ReserveSoundChannels

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ReserveSoundChannels, a member of class TAudio.

1.1.7.1.17 TAudio.ResumeSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ResumeSound, a member of class TAudio.

1.1.7.1.18 TAudio.SetMusicVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetMusicVolume, a member of class TAudio.

1.1.7.1.19 TAudio.SetSoundPosition

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetSoundPosition, a member of class TAudio.

1.1.7.1.20 TAudio.SetSoundVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetSoundVolume, a member of class TAudio.

1.1.7.1.21 TAudio.StopSound

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is StopSound, a member of class TAudio.

1.1.7.1.22 TAudio.UnloadMusic

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is UnloadMusic, a member of class TAudio.

1.1.7.1.23 TAudio.UnloadSound

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is UnloadSound, a member of class TAudio.

1.1.7.2 TAudio Operators

The operators of the TAudio class are listed here.

Operators

	Finalize (see page 35)	This is Finalize, a member of class TAudio.
	Initialize (see page 35)	This is Initialize, a member of class TAudio.

1.1.7.2.1 TAudio.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TAudio.

1.1.7.2.2 TAudio.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

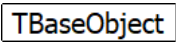
```
class operator Initialize(  
    out aDest: TAudio  
);
```

Description

This is Initialize, a member of class TAudio.

1.1.8 TBaseObject

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

```
TBaseObject = class;
```



Description

This is class TBaseObject.

1.1.8.1 TBaseObject Methods

The methods of the TBaseObject class are listed here.

Methods

	Create (see page 36)	This is Create, a member of class TBaseObject.
	Destroy (see page 36)	This is Destroy, a member of class TBaseObject.

1.1.8.1.1 TBaseObject.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; virtual;
```

Description

This is Create, a member of class TBaseObject.

1.1.8.1.2 TBaseObject.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

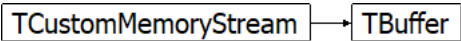
```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TBaseObject.

1.1.9 TBuffer

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is class TBuffer.

1.1.9.1 TBuffer Fields

The fields of the TBuffer class are listed here.

Fields

	FHandle (see page 37)	This is FHandle, a member of class TBuffer.
	FName (see page 37)	This is FName, a member of class TBuffer.

1.1.9.1.1 TBuffer.FHandle

File: DelphiGamekit.pas (see page 312)

Delphi

```
FHandle: THandle;
```

Description

This is FHandle, a member of class TBuffer.

1.1.9.1.2 TBuffer.FName

File: DelphiGamekit.pas (see page 312)

Delphi

```
FName: string;
```








Description

This is FName, a member of class TBuffer.

1.1.9.2 TBuffer Methods

The methods of the TBuffer class are listed here.

Methods

	Clear (see page 37)	This is Clear, a member of class TBuffer.
	Create (see page 37)	This is Create, a member of class TBuffer.
	Destroy (see page 38)	This is Destroy, a member of class TBuffer.
	LoadFromFile (see page 38)	This is LoadFromFile, a member of class TBuffer.
	SaveToFile (see page 38)	This is SaveToFile, a member of class TBuffer.
	Write (see page 38)	This is Write, a member of class TBuffer.
	Write (see page 38)	This is Write, a member of class TBuffer.

1.1.9.2.1 TBuffer.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TBuffer.

1.1.9.2.2 TBuffer.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create(
```

```
    aSize: Cardinal  
);
```

Description

This is Create, a member of class TBuffer.

1.1.9.2.3 TBuffer.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TBuffer.

1.1.9.2.4 TBuffer.LoadFromFile

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is LoadFromFile, a member of class TBuffer.

1.1.9.2.5 TBuffer.SaveToFile

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SaveToFile, a member of class TBuffer.

1.1.9.2.6 TBuffer.Write

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Write, a member of class TBuffer.

1.1.9.2.7 TBuffer.Write

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Write, a member of class TBuffer.

1.1.9.3 TBuffer Properties

The properties of the TBuffer class are listed here.

Properties

	Name (see page 39)	This is Name, a member of class TBuffer.
---	---------------------	--

1.1.9.3.1 TBuffer.Name

File: DelphiGamekit.pas (see page 312)

Delphi

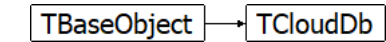
```
property Name: string;
```

Description

This is Name, a member of class TBuffer.

1.1.10 TCloudDb

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is class TCloudDb.

1.1.10.1 TCloudDb Constants

The constants of the TCloudDb class are listed here.

Constants

	cURL (see page 39)	This is cURL, a member of class TCloudDb.
---	---------------------	---

1.1.10.1.1 TCloudDb.cURL

File: DelphiGamekit.pas (see page 312)

Delphi

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













Description

This is cURL, a member of class TCloudDb.

1.1.10.2 TCloudDb Fields

The fields of the TCloudDb class are listed here.

Fields

	FApiKey (see page 40)	This is FApiKey, a member of class TCloudDb.
	FDatabase (see page 40)	This is FDatabase, a member of class TCloudDb.
	FDataset (see page 40)	This is FDataset, a member of class TCloudDb.
	FHttp (see page 41)	This is FHttp, a member of class TCloudDb.
	FJSON (see page 41)	This is FJSON, a member of class TCloudDb.
	FLastError (see page 41)	This is FLastError, a member of class TCloudDb.
	FMacros (see page 41)	This is FMacros, a member of class TCloudDb.
	FParams (see page 41)	This is FParams, a member of class TCloudDb.
	FPreparedSQL (see page 41)	This is FPreparedSQL, a member of class TCloudDb.
	FResponseText (see page 42)	This is FResponseText, a member of class TCloudDb.
	FSQL (see page 42)	This is FSQL, a member of class TCloudDb.
	FUrl (see page 42)	This is FUrl, a member of class TCloudDb.

1.1.10.2.1 TCloudDb.FApiKey

File: DelphiGamekit.pas (see page 312)

Delphi

```
FApiKey: string;
```

Description

This is FApiKey, a member of class TCloudDb.

1.1.10.2.2 TCloudDb.FDatabase

File: DelphiGamekit.pas (see page 312)

Delphi

```
FDatabase: string;
```

Description

This is FDatabase, a member of class TCloudDb.

1.1.10.2.3 TCloudDb.FDataset

File: DelphiGamekit.pas (see page 312)

Delphi

```
FDataset: TJSONArray;
```

Description

This is FDataset, a member of class TCloudDb.

1.1.10.2.4 TCloudDb.FHttp

File: DelphiGamekit.pas (see page 312)

Delphi

```
FHttp: THTTPClient;
```

Description

This is FHttp, a member of class TCloudDb.

1.1.10.2.5 TCloudDb.FJSON

File: DelphiGamekit.pas (see page 312)

Delphi

```
FJSON: TJSONObject;
```

Description

This is FJSON, a member of class TCloudDb.

1.1.10.2.6 TCloudDb.FLastError

File: DelphiGamekit.pas (see page 312)

Delphi

```
FLastError: string;
```

Description

This is FLastError, a member of class TCloudDb.

1.1.10.2.7 TCloudDb.FMacros

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FMacros, a member of class TCloudDb.

1.1.10.2.8 TCloudDb.FParams

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FParams, a member of class TCloudDb.

1.1.10.2.9 TCloudDb.FPreparedSQL

File: DelphiGamekit.pas (see page 312)

Delphi

FPreparedSQL: `string`;

Description

This is FPreparedSQL, a member of class TCloudDb.

1.1.10.2.10 TCloudDb.FResponseText

File: DelphiGamekit.pas (see page 312)

Delphi

FResponseText: `string`;

Description

This is FResponseText, a member of class TCloudDb.

1.1.10.2.11 TCloudDb.FSQL

File: DelphiGamekit.pas (see page 312)

Delphi

FSQL: `TStringList`;

Description

This is FSQL, a member of class TCloudDb.

1.1.10.2.12 TCloudDb.FUrl

File: DelphiGamekit.pas (see page 312)

Delphi

FUrl: `string`;













Description











This is FUrl, a member of class TCloudDb.

1.1.10.3 TCloudDb Methods

The methods of the TCloudDb class are listed here.

Methods

	AddSQLText (see page 43)	This is AddSQLText, a member of class TCloudDb.
	ClearSQLText (see page 43)	This is ClearSQLText, a member of class TCloudDb.
	Create (see page 43)	This is Create, a member of class TCloudDb.
	Destroy (see page 43)	This is Destroy, a member of class TCloudDb.
	Execute (see page 44)	This is Execute, a member of class TCloudDb.
	ExecuteSQL (see page 44)	This is ExecuteSQL, a member of class TCloudDb.
	GetField (see page 44)	This is GetField, a member of class TCloudDb.
	GetLastError (see page 44)	This is GetLastError, a member of class TCloudDb.
	GetMacro (see page 44)	This is GetMacro, a member of class TCloudDb.
	GetParam (see page 45)	This is GetParam, a member of class TCloudDb.
	GetPreparedSQL (see page 45)	This is GetPreparedSQL, a member of class TCloudDb.
	GetQueryURL (see page 45)	This is GetQueryURL, a member of class TCloudDb.

	GetResponseText (see page 45)	This is GetResponseText, a member of class TCloudDb.
	GetSQLText (see page 45)	This is GetSQLText, a member of class TCloudDb.
	Prepair (see page 46)	This is Prepair, a member of class TCloudDb.
	RecordCount (see page 46)	This is RecordCount, a member of class TCloudDb.
	SetMacro (see page 46)	This is SetMacro, a member of class TCloudDb.
	SetMacroValue (see page 46)	This is SetMacroValue, a member of class TCloudDb.
	SetParam (see page 46)	This is SetParam, a member of class TCloudDb.
	SetParamValue (see page 47)	This is SetParamValue, a member of class TCloudDb.
	SetSQLText (see page 47)	This is SetSQLText, a member of class TCloudDb.
	Setup (see page 47)	This is Setup, a member of class TCloudDb.

1.1.10.3.1 TCloudDb.AddSQLText

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AddSQLText, a member of class TCloudDb.

1.1.10.3.2 TCloudDb.ClearSQLText

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure ClearSQLText;
```

Description

This is ClearSQLText, a member of class TCloudDb.

1.1.10.3.3 TCloudDb.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TCloudDb.

1.1.10.3.4 TCloudDb.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TCloudDb.

1.1.10.3.5 TCloudDb.Execute

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Execute: Boolean;
```

Description

This is Execute, a member of class TCloudDb.

1.1.10.3.6 TCloudDb.ExecuteSQL

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ExecuteSQL, a member of class TCloudDb.

1.1.10.3.7 TCloudDb.GetField

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetField, a member of class TCloudDb.

1.1.10.3.8 TCloudDb.GetLastError

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetLastError: string;
```

Description

This is GetLastError, a member of class TCloudDb.

1.1.10.3.9 TCloudDb.GetMacro

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetMacro, a member of class TCloudDb.

1.1.10.3.10 TCloudDb.GetParam

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetParam, a member of class TCloudDb.

1.1.10.3.11 TCloudDb.GetPreparedSQL

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetPreparedSQL: string;
```

Description

This is GetPreparedSQL, a member of class TCloudDb.

1.1.10.3.12 TCloudDb.GetQueryURL

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetQueryURL, a member of class TCloudDb.

1.1.10.3.13 TCloudDb.GetResponseText

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetResponseText: string;
```

Description

This is GetResponseText, a member of class TCloudDb.

1.1.10.3.14 TCloudDb.GetSQLText

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetSQLText: string;
```

Description

This is GetSQLText, a member of class TCloudDb.

1.1.10.3.15 TCloudDb.Prepare

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Prepare;
```

Description

This is Prepare, a member of class TCloudDb.

1.1.10.3.16 TCloudDb.RecordCount

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RecordCount: Integer;
```

Description

This is RecordCount, a member of class TCloudDb.

1.1.10.3.17 TCloudDb.SetMacro

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetMacro, a member of class TCloudDb.

1.1.10.3.18 TCloudDb.SetMacroValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetMacroValue, a member of class TCloudDb.

1.1.10.3.19 TCloudDb.SetParam

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetParam, a member of class TCloudDb.

1.1.10.3.20 TCloudDb.SetParamValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetParamValue, a member of class TCloudDb.

1.1.10.3.21 TCloudDb.SetSQLText

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetSQLText, a member of class TCloudDb.

1.1.10.3.22 TCloudDb.Setup

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Setup, a member of class TCloudDb.

1.1.11 TCmdLine

File: DelphiGamekit.pas (see page 312)

Delphi

```
TCmdLine = record  
end;
```













Description

This is class TCmdLine.

1.1.11.1 TCmdLine Methods

The methods of the TCmdLine class are listed here.

Methods

	AddParam (see page 48)	This is AddParam, a member of class TCmdLine.
	AddParams (see page 48)	This is AddParams, a member of class TCmdLine.
	Clear (see page 48)	This is Clear, a member of class TCmdLine.
	Count (see page 48)	This is Count, a member of class TCmdLine.
	Count (see page 49)	This is Count, a member of class TCmdLine.
	Param (see page 49)	This is Param, a member of class TCmdLine.
	Param (see page 49)	This is Param, a member of class TCmdLine.
	ParamExist (see page 49)	This is ParamExist, a member of class TCmdLine.
	ParamIndex (see page 49)	This is ParamIndex, a member of class TCmdLine.
	ParamValue (see page 50)	This is ParamValue, a member of class TCmdLine.
	Reset (see page 50)	This is Reset, a member of class TCmdLine.
	Str (see page 50)	This is Str, a member of class TCmdLine.

1.1.11.1.1 TCmdLine.AddParam

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AddParam, a member of class TCmdLine.

1.1.11.1.2 TCmdLine.AddParams

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AddParams, a member of class TCmdLine.

1.1.11.1.3 TCmdLine.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Clear, a member of class TCmdLine.

1.1.11.1.4 TCmdLine.Count

File: DelphiGamekit.pas (see page 312)

Delphi

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


Description

This is Count, a member of class TCmdLine.

1.1.11.1.5 TCmdLine.Count

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Count, a member of class TCmdLine.

1.1.11.1.6 TCmdLine.Param

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Param, a member of class TCmdLine.

1.1.11.1.7 TCmdLine.Param

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Param, a member of class TCmdLine.

1.1.11.1.8 TCmdLine.ParamExist

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ParamExist, a member of class TCmdLine.

1.1.11.1.9 TCmdLine.ParamIndex

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ParamIndex, a member of class TCmdLine.

1.1.11.1.10 TCmdLine.ParamValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ParamValue, a member of class TCmdLine.

1.1.11.1.11 TCmdLine.Reset

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Reset, a member of class TCmdLine.

1.1.11.1.12 TCmdLine.Str

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is Str, a member of class TCmdLine.

1.1.11.2 TCmdLine Operators

The operators of the TCmdLine class are listed here.

Operators

	Finalize (see page 50)	This is Finalize, a member of class TCmdLine.
	Initialize (see page 51)	This is Initialize, a member of class TCmdLine.

1.1.11.2.1 TCmdLine.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

);

Description

This is Finalize, a member of class TCmdLine.

1.1.11.2.2 TCmdLine.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TCmdLine.

1.1.12 TColor

File: DelphiGamekit.pas (see page 312)

Delphi

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





Description

This is class TColor.

1.1.12.1 TColor Fields

The fields of the TColor class are listed here.

Fields

	Alpha (see page 51)	This is Alpha, a member of class TColor.
	Blue (see page 52)	This is Blue, a member of class TColor.
	Green (see page 52)	This is Green, a member of class TColor.
	Red (see page 52)	This is Red, a member of class TColor.

1.1.12.1.1 TColor.Alpha

File: DelphiGamekit.pas (see page 312)

Delphi

```
Alpha: Byte;
```

Description

This is Alpha, a member of class TColor.

1.1.12.1.2 TColor.Blue

File: DelphiGamekit.pas (see page 312)

Delphi

`Blue: Byte;`

Description

This is Blue, a member of class TColor.

1.1.12.1.3 TColor.Green

File: DelphiGamekit.pas (see page 312)

Delphi

`Green: Byte;`

Description

This is Green, a member of class TColor.

1.1.12.1.4 TColor.Red

File: DelphiGamekit.pas (see page 312)

Delphi

`Red: Byte;`






Description

This is Red, a member of class TColor.

1.1.12.2 TColor Methods

The methods of the TColor class are listed here.

Methods

	Clear (see page 52)	This is Clear, a member of class TColor.
	Equal (see page 52)	This is Equal, a member of class TColor.
	Fade (see page 53)	This is Fade, a member of class TColor.
	Make (see page 53)	This is Make, a member of class TColor.
	Makef (see page 53)	This is Makef, a member of class TColor.

1.1.12.2.1 TColor.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

`procedure Clear;`

Description

This is Clear, a member of class TColor.

1.1.12.2.2 TColor.Equal

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Equal, a member of class TColor.

1.1.12.2.3 TColor.Fade

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Fade, a member of class TColor.

1.1.12.2.4 TColor.Make

File: DelphiGamekit.pas (see page 312)

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.

1.1.12.2.5 TColor.Makef

File: DelphiGamekit.pas (see page 312)

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.

1.1.12.3 TColor Operators

The operators of the TColor class are listed here.

Operators

	Implicit (see page 54)	This is Implicit, a member of class TColor.
	Implicit (see page 54)	This is Implicit, a member of class TColor.

1.1.12.3.1 TColor.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TColor.

1.1.12.3.2 TColor.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TColor.

1.1.13 TConfigFile

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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






Description

This is class TConfigFile.

1.1.13.1 TConfigFile Methods

The methods of the TConfigFile class are listed here.

Methods

	Close (see page 55)	This is Close, a member of class TConfigFile.
	Create (see page 55)	This is Create, a member of class TConfigFile.
	Destroy (see page 55)	This is Destroy, a member of class TConfigFile.
	GetSectionValue (see page 55)	This is GetSectionValue, a member of class TConfigFile.
	GetSectionValue (see page 56)	This is GetSectionValue, a member of class TConfigFile.

◆	GetSectionValue (see page 56)	This is GetSectionValue, a member of class TConfigFile.
◆	GetSectionValues (see page 56)	This is GetSectionValues, a member of class TConfigFile.
◆	GetValue (see page 56)	This is GetValue, a member of class TConfigFile.
◆	GetValue (see page 57)	This is GetValue, a member of class TConfigFile.
◆	GetValue (see page 57)	This is GetValue, a member of class TConfigFile.
◆	GetValue (see page 57)	This is GetValue, a member of class TConfigFile.
◆	Open (see page 57)	This is Open, a member of class TConfigFile.
◆	Opened (see page 57)	This is Opened, a member of class TConfigFile.
◆	RemoveKey (see page 58)	This is RemoveKey, a member of class TConfigFile.
◆	RemoveSection (see page 58)	This is RemoveSection, a member of class TConfigFile.
◆	SetValue (see page 58)	This is SetValue, a member of class TConfigFile.
◆	SetValue (see page 58)	This is SetValue, a member of class TConfigFile.
◆	SetValue (see page 59)	This is SetValue, a member of class TConfigFile.
◆	SetValue (see page 59)	This is SetValue, a member of class TConfigFile.
◆	Update (see page 59)	This is Update, a member of class TConfigFile.

1.1.13.1.1 TConfigFile.Close

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Close;
```

Description

This is Close, a member of class TConfigFile.

1.1.13.1.2 TConfigFile.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TConfigFile.

1.1.13.1.3 TConfigFile.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TConfigFile.

1.1.13.1.4 TConfigFile.GetSectionValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

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

Description

This is GetSectionValue, a member of class TConfigFile.

1.1.13.1.5 TConfigFile.GetSectionValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetSectionValue, a member of class TConfigFile.

1.1.13.1.6 TConfigFile.GetSectionValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetSectionValue, a member of class TConfigFile.

1.1.13.1.7 TConfigFile.GetSectionValues

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetSectionValues, a member of class TConfigFile.

1.1.13.1.8 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetValue, a member of class TConfigFile.

1.1.13.1.9 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetValue, a member of class TConfigFile.

1.1.13.1.10 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetValue, a member of class TConfigFile.

1.1.13.1.11 TConfigFile.GetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetValue, a member of class TConfigFile.

1.1.13.1.12 TConfigFile.Open

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Open, a member of class TConfigFile.

1.1.13.1.13 TConfigFile.Opened

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Opened: Boolean;
```

Description

This is Opened, a member of class TConfigFile.

1.1.13.1.14 TConfigFile.RemoveKey

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RemoveKey, a member of class TConfigFile.

1.1.13.1.15 TConfigFile.RemoveSection

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RemoveSection, a member of class TConfigFile.

1.1.13.1.16 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetValue, a member of class TConfigFile.

1.1.13.1.17 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetValue, a member of class TConfigFile.

1.1.13.1.18 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetValue, a member of class TConfigFile.

1.1.13.1.19 TConfigFile.SetValue

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetValue, a member of class TConfigFile.

1.1.13.1.20 TConfigFile.Update

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Update;
```

Description

This is Update, a member of class TConfigFile.

1.1.14 TController

File: DelphiGamekit.pas (see page 312)

Delphi

```
TController = record  
end;
```

Description

This is class TController.

1.1.14.1 TController Methods

The methods of the TController class are listed here.

Methods

✚	ButtonDown (see page 60)	This is ButtonDown, a member of class TController.
✚	ButtonPressed (see page 60)	This is ButtonPressed, a member of class TController.
✚	ButtonReleased (see page 60)	This is ButtonReleased, a member of class TController.
✚	Clear (see page 60)	This is Clear, a member of class TController.
✚	Close (see page 61)	This is Close, a member of class TController.
✚	GetAxis (see page 61)	This is GetAxis, a member of class TController.
✚	Open (see page 61)	This is Open, a member of class TController.
✚	Shutdown (see page 61)	This is Shutdown, a member of class TController.
✚	Startup (see page 61)	This is Startup, a member of class TController.
✚	Update (see page 62)	This is Update, a member of class TController.

1.1.14.1.1 TController.ButtonDown

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ButtonDown, a member of class TController.

1.1.14.1.2 TController.ButtonPressed

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ButtonPressed, a member of class TController.

1.1.14.1.3 TController.ButtonReleased

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ButtonReleased, a member of class TController.

1.1.14.1.4 TController.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Clear, a member of class TController.

1.1.14.1.5 TController.Close

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Close, a member of class TController.

1.1.14.1.6 TController.GetAxis

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetAxis, a member of class TController.

1.1.14.1.7 TController.Open

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Open, a member of class TController.

1.1.14.1.8 TController.Shutdown

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Shutdown, a member of class TController.

1.1.14.1.9 TController.Startup

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Startup, a member of class TController.

1.1.14.1.10 TController.Update

File: DelphiGamekit.pas (see page 312)

Delphi

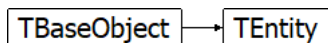
```
class procedure Update(  
    const aEvent: PSDL_Event  
); static;
```

Description

This is Update, a member of class TController.

1.1.15 TEntity

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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




















Description




This is class TEntity.

1.1.15.1 TEntity Fields

The fields of the TEntity class are listed here.

Fields

	FAngle (see page 63)	This is FAngle, a member of class TEntity.
	FAngleOffset (see page 63)	This is FAngleOffset, a member of class TEntity.
	FBlendMode (see page 63)	This is FBlendMode, a member of class TEntity.
	FColor (see page 63)	This is FColor, a member of class TEntity.
	FDir (see page 63)	This is FDir, a member of class TEntity.
	FFirstFrame (see page 64)	This is FFirstFrame, a member of class TEntity.
	FFlipMode (see page 64)	This is FFlipMode, a member of class TEntity.
	FFrame (see page 64)	This is FFrame, a member of class TEntity.
	FFrameFPS (see page 64)	This is FFrameFPS, a member of class TEntity.
	FFrameTimer (see page 64)	This is FFrameTimer, a member of class TEntity.
	FGroup (see page 64)	This is FGroup, a member of class TEntity.
	FHeight (see page 65)	This is FHeight, a member of class TEntity.
	FLastFrame (see page 65)	This is FLastFrame, a member of class TEntity.
	FLoopFrame (see page 65)	This is FLoopFrame, a member of class TEntity.
	FOrigin (see page 65)	This is FOrigin, a member of class TEntity.
	FPos (see page 65)	This is FPos, a member of class TEntity.
	FRadius (see page 66)	This is FRadius, a member of class TEntity.
	FRenderPolyPoint (see page 66)	This is FRenderPolyPoint, a member of class TEntity.
	FScale (see page 66)	This is FScale, a member of class TEntity.

	FShrinkFactor (see page 66)	This is FShrinkFactor, a member of class TEntity.
	FSprite (see page 66)	This is FSprite, a member of class TEntity.
	FWidth (see page 66)	This is FWidth, a member of class TEntity.

1.1.15.1.1 TEntity.FAngle

File: DelphiGamekit.pas (see page 312)

Delphi

```
FAngle: Single;
```

Description

This is FAngle, a member of class TEntity.

1.1.15.1.2 TEntity.FAngleOffset

File: DelphiGamekit.pas (see page 312)

Delphi

```
FAngleOffset: Single;
```

Description

This is FAngleOffset, a member of class TEntity.

1.1.15.1.3 TEntity.FBlendMode

File: DelphiGamekit.pas (see page 312)

Delphi

```
FBlendMode: TBlendMode;
```

Description

This is FBlendMode, a member of class TEntity.

1.1.15.1.4 TEntity.FColor

File: DelphiGamekit.pas (see page 312)

Delphi

```
FColor: TColor;
```

Description

This is FColor, a member of class TEntity.

1.1.15.1.5 TEntity.FDir

File: DelphiGamekit.pas (see page 312)

Delphi

```
FDir: TVector;
```

Description

This is FDir, a member of class TEntity.

1.1.15.1.6 TEntity.FFirstFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
FFirstFrame: Integer;
```

Description

This is FFirstFrame, a member of class TEntity.

1.1.15.1.7 TEntity.FFlipMode

File: DelphiGamekit.pas (see page 312)

Delphi

```
FFlipMode: TFlipMode;
```

Description

This is FFlipMode, a member of class TEntity.

1.1.15.1.8 TEntity.FFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
FFrame: Integer;
```

Description

This is FFrame, a member of class TEntity.

1.1.15.1.9 TEntity.FFrameFPS

File: DelphiGamekit.pas (see page 312)

Delphi

```
FFrameFPS: Single;
```

Description

This is FFrameFPS, a member of class TEntity.

1.1.15.1.10 TEntity.FFrameTimer

File: DelphiGamekit.pas (see page 312)

Delphi

```
FFrameTimer: Single;
```

Description

This is FFrameTimer, a member of class TEntity.

1.1.15.1.11 TEntity.FGroup

File: DelphiGamekit.pas (see page 312)

Delphi

```
FGroup: Integer;
```

Description

This is FGroup, a member of class TEntity.

1.1.15.1.12 TEntity.FHeight

File: DelphiGamekit.pas (see page 312)

Delphi

```
FHeight: Single;
```

Description

This is FHeight, a member of class TEntity.

1.1.15.1.13 TEntity.FLastFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
FLastFrame: Integer;
```

Description

This is FLastFrame, a member of class TEntity.

1.1.15.1.14 TEntity.FLoopFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
FLoopFrame: Boolean;
```

Description

This is FLoopFrame, a member of class TEntity.

1.1.15.1.15 TEntity.FOrigin

File: DelphiGamekit.pas (see page 312)

Delphi

```
FOrigin: TPoint;
```

Description

This is FOrigin, a member of class TEntity.

1.1.15.1.16 TEntity.FPos

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPos: TVector;
```

Description

This is FPos, a member of class TEntity.

1.1.15.1.17 TEntity.FRadius

File: DelphiGamekit.pas (see page 312)

Delphi

```
FRadius: Single;
```

Description

This is FRadius, a member of class TEntity.

1.1.15.1.18 TEntity.FRenderPolyPoint

File: DelphiGamekit.pas (see page 312)

Delphi

```
FRenderPolyPoint: Boolean;
```

Description

This is FRenderPolyPoint, a member of class TEntity.

1.1.15.1.19 TEntity.FScale

File: DelphiGamekit.pas (see page 312)

Delphi

```
FScale: Single;
```

Description

This is FScale, a member of class TEntity.

1.1.15.1.20 TEntity.FShrinkFactor

File: DelphiGamekit.pas (see page 312)

Delphi

```
FShrinkFactor: Single;
```

Description

This is FShrinkFactor, a member of class TEntity.

1.1.15.1.21 TEntity.FSprite

File: DelphiGamekit.pas (see page 312)

Delphi

```
FSprite: TSprite;
```

Description

This is FSprite, a member of class TEntity.

1.1.15.1.22 TEntity.FWidth

File: DelphiGamekit.pas (see page 312)

Delphi**FWidth:** Single;**Description**

This is FWidth, a member of class TEntity.

1.1.15.2 TEntity Methods

The methods of the TEntity class are listed here.

Methods

◆	Angle (see page 68)	This is Angle, a member of class TEntity.
◆	AngleOffset (see page 68)	This is AngleOffset, a member of class TEntity.
◆	CollidePolyPoint (see page 68)	This is CollidePolyPoint, a member of class TEntity.
◆	CollidePolyPointPoint (see page 68)	This is CollidePolyPointPoint, a member of class TEntity.
◆	Color (see page 69)	This is Color, a member of class TEntity.
◆ V	Create (see page 69)	This is Create, a member of class TEntity.
◆	CreateEntity (see page 69)	This is CreateEntity, a member of class TEntity.
◆ V	Destroy (see page 69)	This is Destroy, a member of class TEntity.
◆	Dir (see page 69)	This is Dir, a member of class TEntity.
◆	FirstFrame (see page 70)	This is FirstFrame, a member of class TEntity.
◆	FlipMode (see page 70)	This is FlipMode, a member of class TEntity.
◆	Frame (see page 70)	This is Frame, a member of class TEntity.
◆	FrameFPS (see page 70)	This is FrameFPS, a member of class TEntity.
◆	FullyVisible (see page 70)	This is FullyVisible, a member of class TEntity.
◆	Group (see page 71)	This is Group, a member of class TEntity.
◆	Height (see page 71)	This is Height, a member of class TEntity.
◆	Init (see page 71)	This is Init, a member of class TEntity.
◆	LastFrame (see page 71)	This is LastFrame, a member of class TEntity.
◆	LoopFrame (see page 71)	This is LoopFrame, a member of class TEntity.
◆	NextFrame (see page 72)	This is NextFrame, a member of class TEntity.
◆	Overlap (see page 72)	This is Overlap, a member of class TEntity.
◆	Overlap (see page 72)	This is Overlap, a member of class TEntity.
◆	Pos (see page 72)	This is Pos, a member of class TEntity.
◆	PrevFrame (see page 72)	This is PrevFrame, a member of class TEntity.
◆	Radius (see page 73)	This is Radius, a member of class TEntity.
◆	Render (see page 73)	This is Render, a member of class TEntity.
◆	RenderAt (see page 73)	This is RenderAt, a member of class TEntity.
◆	RotateAbs (see page 73)	This is RotateAbs, a member of class TEntity.
◆	RotateRel (see page 73)	This is RotateRel, a member of class TEntity.
◆	RotateToAngle (see page 74)	This is RotateToAngle, a member of class TEntity.
◆	RotateToPos (see page 74)	This is RotateToPos, a member of class TEntity.
◆	RotateToPosAt (see page 74)	This is RotateToPosAt, a member of class TEntity.
◆	Scale (see page 74)	This is Scale, a member of class TEntity.
◆	ScaleAbs (see page 75)	This is ScaleAbs, a member of class TEntity.
◆	ScaleRel (see page 75)	This is ScaleRel, a member of class TEntity.
◆	SetAngleOffset (see page 75)	This is SetAngleOffset, a member of class TEntity.
◆	SetColor (see page 75)	This is SetColor, a member of class TEntity.

◆	SetFlipMode (see page 75)	This is SetFlipMode, a member of class TEntity.
◆	SetFrame (see page 76)	This is SetFrame, a member of class TEntity.
◆	SetFrameFPS (see page 76)	This is SetFrameFPS, a member of class TEntity.
◆	SetFrameRange (see page 76)	This is SetFrameRange, a member of class TEntity.
◆	SetLoopFrame (see page 76)	This is SetLoopFrame, a member of class TEntity.
◆	SetPosAbs (see page 76)	This is SetPosAbs, a member of class TEntity.
◆	SetPosRel (see page 77)	This is SetPosRel, a member of class TEntity.
◆	SetRenderPolyPoint (see page 77)	This is SetRenderPolyPoint, a member of class TEntity.
◆	SetShrinkFactor (see page 77)	This is SetShrinkFactor, a member of class TEntity.
◆	ShrinkFactor (see page 77)	This is ShrinkFactor, a member of class TEntity.
◆	Sprite (see page 78)	This is Sprite, a member of class TEntity.
◆	Thrust (see page 78)	This is Thrust, a member of class TEntity.
◆	ThrustAngle (see page 78)	This is ThrustAngle, a member of class TEntity.
◆	ThrustToPos (see page 78)	This is ThrustToPos, a member of class TEntity.
◆	TracePolyPoint (see page 78)	This is TracePolyPoint, a member of class TEntity.
◆	Visible (see page 79)	This is Visible, a member of class TEntity.
◆	Width (see page 79)	This is Width, a member of class TEntity.

1.1.15.2.1 TEntity.Angle

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Angle: Single;
```

Description

This is Angle, a member of class TEntity.

1.1.15.2.2 TEntity.AngleOffset

File: DelphiGamekit.pas (see page 312)

Delphi

```
function AngleOffset: Single;
```

Description

This is AngleOffset, a member of class TEntity.

1.1.15.2.3 TEntity.CollidePolyPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is CollidePolyPoint, a member of class TEntity.

1.1.15.2.4 TEntity.CollidePolyPointPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is CollidePolyPointPoint, a member of class TEntity.

1.1.15.2.5 TEntity.Color

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Color: TColor;
```

Description

This is Color, a member of class TEntity.

1.1.15.2.6 TEntity.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TEntity.

1.1.15.2.7 TEntity.CreateEntity

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is CreateEntity, a member of class TEntity.

1.1.15.2.8 TEntity.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TEntity.

1.1.15.2.9 TEntity.Dir

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Dir: TVector;
```

Description

This is Dir, a member of class TEntity.

1.1.15.2.10 TEntity.FirstFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
function FirstFrame: Integer;
```

Description

This is FirstFrame, a member of class TEntity.

1.1.15.2.11 TEntity.FlipMode

File: DelphiGamekit.pas (see page 312)

Delphi

```
function FlipMode: TFlipMode;
```

Description

This is FlipMode, a member of class TEntity.

1.1.15.2.12 TEntity.Frame

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Frame: Integer;
```

Description

This is Frame, a member of class TEntity.

1.1.15.2.13 TEntity.FrameFPS

File: DelphiGamekit.pas (see page 312)

Delphi

```
function FrameFPS: Single;
```

Description

This is FrameFPS, a member of class TEntity.

1.1.15.2.14 TEntity.FullyVisible

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FullyVisible, a member of class TEntity.

1.1.15.2.15 TEntity.Group

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Group: Integer;
```

Description

This is Group, a member of class TEntity.

1.1.15.2.16 TEntity.Height

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Height: Single;
```

Description

This is Height, a member of class TEntity.

1.1.15.2.17 TEntity.Init

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Init, a member of class TEntity.

1.1.15.2.18 TEntity.LastFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
function LastFrame: Integer;
```

Description

This is LastFrame, a member of class TEntity.

1.1.15.2.19 TEntity.LoopFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
function LoopFrame: Boolean;
```

Description

This is LoopFrame, a member of class TEntity.

1.1.15.2.20 TEntity.NextFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
function NextFrame: Boolean;
```

Description

This is NextFrame, a member of class TEntity.

1.1.15.2.21 TEntity.Overlap

File: DelphiGamekit.pas (see page 312)

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.

1.1.15.2.22 TEntity.Overlap

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Overlap(  
    const aEntity: TEntity  
): Boolean; overload;
```

Description

This is Overlap, a member of class TEntity.

1.1.15.2.23 TEntity.Pos

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Pos: TVector;
```

Description

This is Pos, a member of class TEntity.

1.1.15.2.24 TEntity.PrevFrame

File: DelphiGamekit.pas (see page 312)

Delphi

```
function PrevFrame: Boolean;
```

Description

This is PrevFrame, a member of class TEntity.

1.1.15.2.25 TEntity.Radius

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Radius: Single;
```

Description

This is Radius, a member of class TEntity.

1.1.15.2.26 TEntity.Render

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Render, a member of class TEntity.

1.1.15.2.27 TEntity.RenderAt

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RenderAt, a member of class TEntity.

1.1.15.2.28 TEntity.RotateAbs

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RotateAbs, a member of class TEntity.

1.1.15.2.29 TEntity.RotateRel

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RotateRel, a member of class TEntity.

1.1.15.2.30 TEntity.RotateToAngle

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RotateToAngle, a member of class TEntity.

1.1.15.2.31 TEntity.RotateToPos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RotateToPos, a member of class TEntity.

1.1.15.2.32 TEntity.RotateToPosAt

File: DelphiGamekit.pas (see page 312)

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.

1.1.15.2.33 TEntity.Scale

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Scale: Single;
```

Description

This is Scale, a member of class TEntity.

1.1.15.2.34 TEntity.ScaleAbs

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ScaleAbs, a member of class TEntity.

1.1.15.2.35 TEntity.ScaleRel

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ScaleRel, a member of class TEntity.

1.1.15.2.36 TEntity.SetAngleOffset

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetAngleOffset, a member of class TEntity.

1.1.15.2.37 TEntity.SetColor

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetColor, a member of class TEntity.

1.1.15.2.38 TEntity.SetFlipMode

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetFlipMode, a member of class TEntity.

1.1.15.2.39 TEntity.SetFrame

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetFrame, a member of class TEntity.

1.1.15.2.40 TEntity.SetFrameFPS

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetFrameFPS, a member of class TEntity.

1.1.15.2.41 TEntity.SetFrameRange

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetFrameRange, a member of class TEntity.

1.1.15.2.42 TEntity.SetLoopFrame

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetLoopFrame, a member of class TEntity.

1.1.15.2.43 TEntity.SetPosAbs

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetPosAbs, a member of class TEntity.

1.1.15.2.44 TEntity.SetPosRel

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetPosRel, a member of class TEntity.

1.1.15.2.45 TEntity.SetRenderPolyPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetRenderPolyPoint, a member of class TEntity.

1.1.15.2.46 TEntity.SetShrinkFactor

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetShrinkFactor, a member of class TEntity.

1.1.15.2.47 TEntity.ShrinkFactor

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ShrinkFactor: Single;
```

Description

This is ShrinkFactor, a member of class TEntity.

1.1.15.2.48 TEntity.Sprite

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Sprite: TSprite;
```

Description

This is Sprite, a member of class TEntity.

1.1.15.2.49 TEntity.Thrust

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Thrust, a member of class TEntity.

1.1.15.2.50 TEntity.ThrustAngle

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ThrustAngle, a member of class TEntity.

1.1.15.2.51 TEntity.ThrustToPos

File: DelphiGamekit.pas (see page 312)

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.

1.1.15.2.52 TEntity.TracePolyPoint

File: DelphiGamekit.pas (see page 312)

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.

1.1.15.2.53 TEntity.Visible

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Visible, a member of class TEntity.

1.1.15.2.54 TEntity.Width

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Width: Single;
```


Description

This is Width, a member of class TEntity.

1.1.15.3 TEntity Properties

The properties of the TEntity class are listed here.

Properties

	BlendMode (see page 79)	This is BlendMode, a member of class TEntity.
---	--------------------------	---

1.1.15.3.1 TEntity.BlendMode

File: DelphiGamekit.pas (see page 312)

Delphi

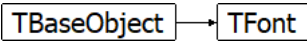
```
property BlendMode: TBlendMode;
```

Description

This is BlendMode, a member of class TEntity.

1.1.16 TFont

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is class TFont.

1.1.16.1 TFont Records

The records of the TFont class are listed here.

Records

	TGlyph (see page 80)	This is record TFont.TGlyph.
---	-----------------------	------------------------------

1.1.16.1.1 TFont.TGlyph

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is record TFont.TGlyph.

1.1.16.2 TFont Constants

The constants of the TFont class are listed here.

Constants

	cDefaultGlyphs (see page 80)	This is cDefaultGlyphs, a member of class TFont.
---	-------------------------------	--

1.1.16.2.1 TFont.cDefaultGlyphs

File: DelphiGamekit.pas (see page 312)

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.

1.1.16.3 TFont Fields

The fields of the TFont class are listed here.

Fields

	FAtlas (see page 81)	This is FAtlas, a member of class TFont.
	FAtlasSize (see page 81)	This is FAtlasSize, a member of class TFont.
	FBaseLine (see page 81)	This is FBaseLine, a member of class TFont.
	FGeometry (see page 81)	This is FGeometry, a member of class TFont.
	FGlyph (see page 82)	This is FGlyph, a member of class TFont.
	FUseVertexBuffer (see page 82)	This is FUseVertexBuffer, a member of class TFont.
	FVertexBufferSize (see page 82)	This is FVertexBufferSize, a member of class TFont.

1.1.16.3.1 TFont.FAtlas

File: DelphiGamekit.pas (see page 312)

Delphi

```
FAtlas: PSDL_Texture;
```

Description

This is FAtlas, a member of class TFont.

1.1.16.3.2 TFont.FAtlasSize

File: DelphiGamekit.pas (see page 312)

Delphi

```
FAtlasSize: Integer;
```

Description

This is FAtlasSize, a member of class TFont.

1.1.16.3.3 TFont.FBaseLine

File: DelphiGamekit.pas (see page 312)

Delphi

```
FBaseLine: Single;
```

Description

This is FBaseLine, a member of class TFont.

1.1.16.3.4 TFont.FGeometry

File: DelphiGamekit.pas (see page 312)

Delphi

```
FGeometry: TGeometry;
```

Description

This is FGeometry, a member of class TFont.

1.1.16.3.5 TFont.FGlyph

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FGlyph, a member of class TFont.

1.1.16.3.6 TFont.FUseVertexBuffer

File: DelphiGamekit.pas (see page 312)

Delphi

```
FUseVertexBuffer: Boolean;
```

Description

This is FUseVertexBuffer, a member of class TFont.

1.1.16.3.7 TFont.FVertexBufferSize

File: DelphiGamekit.pas (see page 312)

Delphi

```
FVertexBufferSize: UInt64;
```
















Description

This is FVertexBufferSize, a member of class TFont.

1.1.16.4 TFont Methods

The methods of the TFont class are listed here.

Methods

	Create (see page 83)	This is Create, a member of class TFont.
	Destroy (see page 83)	This is Destroy, a member of class TFont.
	DrawText (see page 83)	This is DrawText, a member of class TFont.
	DrawText (see page 83)	This is DrawText, a member of class TFont.
	GetUseVertexBuffer (see page 83)	This is GetUseVertexBuffer, a member of class TFont.
	GetVertexBufferSize (see page 84)	This is GetVertexBufferSize, a member of class TFont.
	Load (see page 84)	This is Load, a member of class TFont.
	Load (see page 84)	This is Load, a member of class TFont.
	LoadDefault (see page 84)	This is LoadDefault, a member of class TFont.
	RenderVertices (see page 85)	This is RenderVertices, a member of class TFont.
	SetUseVertexBuffer (see page 85)	This is SetUseVertexBuffer, a member of class TFont.
	SetVertexBufferSize (see page 85)	This is SetVertexBufferSize, a member of class TFont.
	TextHeight (see page 85)	This is TextHeight, a member of class TFont.
	TextLength (see page 85)	This is TextLength, a member of class TFont.
	Unload (see page 86)	This is Unload, a member of class TFont.

1.1.16.4.1 TFont.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TFont.

1.1.16.4.2 TFont.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TFont.

1.1.16.4.3 TFont.DrawText

File: DelphiGamekit.pas (see page 312)

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.

1.1.16.4.4 TFont.DrawText

File: DelphiGamekit.pas (see page 312)

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.

1.1.16.4.5 TFont.GetUseVertexBuffer

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetUseVertexBuffer: Boolean;
```

Description

This is GetUseVertexBuffer, a member of class TFont.

1.1.16.4.6 TFont.GetVertexBufferSize

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetVertexBufferSize: UInt64;
```

Description

This is GetVertexBufferSize, a member of class TFont.

1.1.16.4.7 TFont.Load

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Load, a member of class TFont.

1.1.16.4.8 TFont.Load

File: DelphiGamekit.pas (see page 312)

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.

1.1.16.4.9 TFont.LoadDefault

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is LoadDefault, a member of class TFont.

1.1.16.4.10 TFont.RenderVertices

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is RenderVertices, a member of class TFont.

1.1.16.4.11 TFont.SetUseVertexBuffer

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetUseVertexBuffer, a member of class TFont.

1.1.16.4.12 TFont.SetVertexBufferSize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetVertexBufferSize, a member of class TFont.

1.1.16.4.13 TFont.TextHeight

File: DelphiGamekit.pas (see page 312)

Delphi

```
function TextHeight: Single;
```

Description

This is TextHeight, a member of class TFont.

1.1.16.4.14 TFont.TextLength

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is TextLength, a member of class TFont.

1.1.16.4.15 TFont.Unload

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Unload;
```



Description

This is Unload, a member of class TFont.

1.1.16.5 TFont Properties

The properties of the TFont class are listed here.

Properties

	Atlas (see page 86)	This is Atlas, a member of class TFont.
	AtlasSize (see page 86)	This is AtlasSize, a member of class TFont.

1.1.16.5.1 TFont.Atlas

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Atlas: PSDL_Texture;
```

Description

This is Atlas, a member of class TFont.

1.1.16.5.2 TFont.AtlasSize

File: DelphiGamekit.pas (see page 312)

Delphi

```
property AtlasSize: Integer;
```

Description

This is AtlasSize, a member of class TFont.

1.1.16.6 TFont Nested Types

The nested types of the TFont class are listed here.

Nested Types

	PGlyph (see page 86)	This is nested type TFont.PGlyph.
---	-----------------------	-----------------------------------

1.1.16.6.1 TFont.PGlyph

File: DelphiGamekit.pas (see page 312)

Delphi

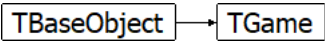
```
PGlyph = ^TGlyph;
```

Description

This is nested type TFont.PGlyph.

1.1.17 TGame

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is class TGame.

1.1.17.1 TGame Records

The records of the TGame class are listed here.

Records

	TSettings (see page 87)	This is record TGame.TSettings.
---	--------------------------	---------------------------------

1.1.17.1.1 TGame.TSettings

File: DelphiGamekit.pas (see page 312)

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;
end;
```





















Description

This is record TGame.TSettings.

1.1.17.2 TGame Fields

The fields of the TGame class are listed here.

Fields

	FArchive (see page 88)	This is FArchive, a member of class TGame.
	FAsync (see page 88)	This is FAsync, a member of class TGame.
	FAudio (see page 88)	This is FAudio, a member of class TGame.
	FCmdLine (see page 89)	This is FCmdLine, a member of class TGame.
	FConfigFile (see page 89)	This is FConfigFile, a member of class TGame.
	FDefaultFont (see page 89)	This is FDefaultFont, a member of class TGame.
	FHud (see page 89)	This is FHud, a member of class TGame.
	FInput (see page 89)	This is FInput, a member of class TGame.
	FLog (see page 90)	This is FLog, a member of class TGame.
	FMousePos (see page 90)	This is FMousePos, a member of class TGame.
	FPrefs (see page 90)	This is FPrefs, a member of class TGame.
	FReady (see page 90)	This is FReady, a member of class TGame.
	FScreenshake (see page 90)	This is FScreenshake, a member of class TGame.
	FSettings (see page 90)	This is FSettings, a member of class TGame.
	FSpeech (see page 91)	This is FSpeech, a member of class TGame.
	FSprite (see page 91)	This is FSprite, a member of class TGame.
	FTerminate (see page 91)	This is FTerminate, a member of class TGame.
	FTimer (see page 91)	This is FTimer, a member of class TGame.
	FVideo (see page 91)	This is FVideo, a member of class TGame.
	FWindow (see page 92)	This is FWindow, a member of class TGame.

1.1.17.2.1 TGame.FArchive

File: DelphiGamekit.pas (see page 312)

Delphi

```
FArchive: TArchive;
```

Description

This is FArchive, a member of class TGame.

1.1.17.2.2 TGame.FAsync

File: DelphiGamekit.pas (see page 312)

Delphi

```
FAsync: TAsync;
```

Description

This is FAsync, a member of class TGame.

1.1.17.2.3 TGame.FAudio

File: DelphiGamekit.pas (see page 312)

Delphi

```
FAudio: TAudio;
```


Description

This is FAudio, a member of class TGame.

1.1.17.2.4 TGame.FCmdLine

File: DelphiGamekit.pas (see page 312)

Delphi

```
FCmdLine: TCmdLine;
```

Description

This is FCmdLine, a member of class TGame.

1.1.17.2.5 TGame.FConfigFile

File: DelphiGamekit.pas (see page 312)

Delphi

```
FConfigFile: TConfigFile;
```

Description

This is FConfigFile, a member of class TGame.

1.1.17.2.6 TGame.FDefaultFont

File: DelphiGamekit.pas (see page 312)

Delphi

```
FDefaultFont: TFont;
```

Description

This is FDefaultFont, a member of class TGame.

1.1.17.2.7 TGame.FHud

File: DelphiGamekit.pas (see page 312)

Delphi

```
FHud: THud;
```

Description

This is FHud, a member of class TGame.

1.1.17.2.8 TGame.FInput

File: DelphiGamekit.pas (see page 312)

Delphi

```
FInput: TInput;
```

Description

This is FInput, a member of class TGame.

1.1.17.2.9 TGame.FLog

File: DelphiGamekit.pas (see page 312)

Delphi

```
FLog: TLog;
```

Description

This is FLog, a member of class TGame.

1.1.17.2.10 TGame.FMousePos

File: DelphiGamekit.pas (see page 312)

Delphi

```
FMousePos: TPoint;
```

Description

This is FMousePos, a member of class TGame.

1.1.17.2.11 TGame.FPrefs

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPrefs: TPrefs;
```

Description

This is FPrefs, a member of class TGame.

1.1.17.2.12 TGame.FReady

File: DelphiGamekit.pas (see page 312)

Delphi

```
FReady: Boolean;
```

Description

This is FReady, a member of class TGame.

1.1.17.2.13 TGame.FScreenshake

File: DelphiGamekit.pas (see page 312)

Delphi

```
FScreenshake: TScreenshake;
```

Description

This is FScreenshake, a member of class TGame.

1.1.17.2.14 TGame.FSettings

File: DelphiGamekit.pas (see page 312)

Delphi

```
FSettings: TSettings;
```

Description

This is FSettings, a member of class TGame.

1.1.17.2.15 TGame.FSpeech

File: DelphiGamekit.pas (see page 312)

Delphi

```
FSpeech: TSpeech;
```

Description

This is FSpeech, a member of class TGame.

1.1.17.2.16 TGame.FSprite

File: DelphiGamekit.pas (see page 312)

Delphi

```
FSprite: TSprite;
```

Description

This is FSprite, a member of class TGame.

1.1.17.2.17 TGame.FTerminate

File: DelphiGamekit.pas (see page 312)

Delphi

```
FTerminate: Boolean;
```

Description

This is FTerminate, a member of class TGame.

1.1.17.2.18 TGame.FTimer

File: DelphiGamekit.pas (see page 312)

Delphi

```
FTimer: TTimer;
```

Description

This is FTimer, a member of class TGame.

1.1.17.2.19 TGame.FVideo

File: DelphiGamekit.pas (see page 312)

Delphi

```
FVideo: TVideo;
```

Description

This is FVideo, a member of class TGame.

1.1.17.2.20 TGame.FWindow

File: DelphiGamekit.pas (see page 312)

Delphi

```
FWindow: TWindow;
```


























Description

This is FWindow, a member of class TGame.

1.1.17.3 TGame Methods

The methods of the TGame class are listed here.

Methods

	Create (see page 92)	This is Create, a member of class TGame.
	Destroy (see page 93)	This is Destroy, a member of class TGame.
	OnApplySettings (see page 93)	This is OnApplySettings, a member of class TGame.
	OnBuildArchiveProgress (see page 93)	This is OnBuildArchiveProgress, a member of class TGame.
	OnClearWindow (see page 93)	This is OnClearWindow, a member of class TGame.
	OnFixedUpdate (see page 93)	This is OnFixedUpdate, a member of class TGame.
	OnLoadConfig (see page 94)	This is OnLoadConfig, a member of class TGame.
	OnReady (see page 94)	This is OnReady, a member of class TGame.
	OnRender (see page 94)	This is OnRender, a member of class TGame.
	OnRenderHud (see page 94)	This is OnRenderHud, a member of class TGame.
	OnSaveConfig (see page 94)	This is OnSaveConfig, a member of class TGame.
	OnSetSettings (see page 94)	This is OnSetSettings, a member of class TGame.
	OnShowWindow (see page 95)	This is OnShowWindow, a member of class TGame.
	OnShutdown (see page 95)	This is OnShutdown, a member of class TGame.
	OnSpeechWord (see page 95)	This is OnSpeechWord, a member of class TGame.
	OnStartup (see page 95)	This is OnStartup, a member of class TGame.
	OnUnapplySettings (see page 95)	This is OnUnapplySettings, a member of class TGame.
	OnUpdate (see page 96)	This is OnUpdate, a member of class TGame.
	OnVideoStatus (see page 96)	This is OnVideoStatus, a member of class TGame.
	Process (see page 96)	This is Process, a member of class TGame.
	Run (see page 96)	This is Run, a member of class TGame.
	SDKVersion (see page 96)	This is SDKVersion, a member of class TGame.
	Settings (see page 97)	This is Settings, a member of class TGame.
	Shutdown (see page 97)	This is Shutdown, a member of class TGame.
	Startup (see page 97)	This is Startup, a member of class TGame.

1.1.17.3.1 TGame.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TGame.

1.1.17.3.2 TGame.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TGame.

1.1.17.3.3 TGame.OnApplySettings

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnApplySettings, a member of class TGame.

1.1.17.3.4 TGame.OnBuildArchiveProgress

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnBuildArchiveProgress, a member of class TGame.

1.1.17.3.5 TGame.OnClearWindow

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnClearWindow; virtual;
```

Description

This is OnClearWindow, a member of class TGame.

1.1.17.3.6 TGame.OnFixedUpdate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnFixedUpdate, a member of class TGame.

1.1.17.3.7 TGame.OnLoadConfig

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnLoadConfig; virtual;
```

Description

This is OnLoadConfig, a member of class TGame.

1.1.17.3.8 TGame.OnReady

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnReady, a member of class TGame.

1.1.17.3.9 TGame.OnRender

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnRender; virtual;
```

Description

This is OnRender, a member of class TGame.

1.1.17.3.10 TGame.OnRenderHud

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnRenderHud; virtual;
```

Description

This is OnRenderHud, a member of class TGame.

1.1.17.3.11 TGame.OnSaveConfig

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnSaveConfig; virtual;
```

Description

This is OnSaveConfig, a member of class TGame.

1.1.17.3.12 TGame.OnSetSettings

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnSetSettings; virtual;
```

Description

This is OnSetSettings, a member of class TGame.

1.1.17.3.13 TGame.OnShowWindow

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnShowWindow; virtual;
```

Description

This is OnShowWindow, a member of class TGame.

1.1.17.3.14 TGame.OnShutdown

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnShutdown; virtual;
```

Description

This is OnShutdown, a member of class TGame.

1.1.17.3.15 TGame.OnSpeechWord

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnSpeechWord, a member of class TGame.

1.1.17.3.16 TGame.OnStartup

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnStartup; virtual;
```

Description

This is OnStartup, a member of class TGame.

1.1.17.3.17 TGame.OnUnapplySettings

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure OnUnapplySettings; virtual;
```

Description

This is OnUnapplySettings, a member of class TGame.

1.1.17.3.18 TGame.OnUpdate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnUpdate, a member of class TGame.

1.1.17.3.19 TGame.OnVideoStatus

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is OnVideoStatus, a member of class TGame.

1.1.17.3.20 TGame.Process

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Process; virtual;
```

Description

This is Process, a member of class TGame.

1.1.17.3.21 TGame.Run

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Run; virtual;
```

Description

This is Run, a member of class TGame.

1.1.17.3.22 TGame.SDKVersion

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SDKVersion: string;
```


Description

This is SDKVersion, a member of class TGame.

1.1.17.3.23 TGame.Settings

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Settings, a member of class TGame.

1.1.17.3.24 TGame.Shutdown

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Shutdown; virtual;
```

Description

This is Shutdown, a member of class TGame.

1.1.17.3.25 TGame.Startup

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description





This is Startup, a member of class TGame.

1.1.17.4 TGame Properties

The properties of the TGame class are listed here.

Properties

	Archive (see page 98)	This is Archive, a member of class TGame.
	Async (see page 98)	This is Async, a member of class TGame.
	Audio (see page 98)	This is Audio, a member of class TGame.
	CmdLine (see page 98)	This is CmdLine, a member of class TGame.
	ConfigFile (see page 98)	This is ConfigFile, a member of class TGame.
	DefaultFont (see page 99)	This is DefaultFont, a member of class TGame.
	Hud (see page 99)	This is Hud, a member of class TGame.
	Input (see page 99)	This is Input, a member of class TGame.
	Log (see page 99)	This is Log, a member of class TGame.
	MousePos (see page 99)	This is MousePos, a member of class TGame.
	Prefs (see page 99)	This is Prefs, a member of class TGame.
	Screenshake (see page 100)	This is Screenshake, a member of class TGame.
	Speech (see page 100)	This is Speech, a member of class TGame.
	Sprite (see page 100)	This is Sprite, a member of class TGame.

	Terminate (see page 100)	This is Terminate, a member of class TGame.
	Timer (see page 100)	This is Timer, a member of class TGame.
	Video (see page 101)	This is Video, a member of class TGame.
	Window (see page 101)	This is Window, a member of class TGame.

1.1.17.4.1 TGame.Archive

File: DelphiGamekit.pas (see page 312)

Delphi

`property Archive: TArchive;`

Description

This is Archive, a member of class TGame.

1.1.17.4.2 TGame.Async

File: DelphiGamekit.pas (see page 312)

Delphi

`property Async: TAsync;`

Description

This is Async, a member of class TGame.

1.1.17.4.3 TGame.Audio

File: DelphiGamekit.pas (see page 312)

Delphi

`property Audio: TAudio;`

Description

This is Audio, a member of class TGame.

1.1.17.4.4 TGame.CmdLine

File: DelphiGamekit.pas (see page 312)

Delphi

`property CmdLine: TCmdLine;`

Description

This is CmdLine, a member of class TGame.

1.1.17.4.5 TGame.ConfigFile

File: DelphiGamekit.pas (see page 312)

Delphi

`property ConfigFile: TConfigFile;`

Description

This is ConfigFile, a member of class TGame.

1.1.17.4.6 TGame.DefaultFont

File: DelphiGamekit.pas (see page 312)

Delphi

```
property DefaultFont: TFont;
```

Description

This is DefaultFont, a member of class TGame.

1.1.17.4.7 TGame.Hud

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Hud: THud;
```

Description

This is Hud, a member of class TGame.

1.1.17.4.8 TGame.Input

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Input: TInput;
```

Description

This is Input, a member of class TGame.

1.1.17.4.9 TGame.Log

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Log: TLog;
```

Description

This is Log, a member of class TGame.

1.1.17.4.10 TGame.MousePos

File: DelphiGamekit.pas (see page 312)

Delphi

```
property MousePos: TPoint;
```

Description

This is MousePos, a member of class TGame.

1.1.17.4.11 TGame.Prefs

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Prefs: TPrefs;
```

Description

This is Prefs, a member of class TGame.

1.1.17.4.12 TGame.Screenshake

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Screenshake: TScreenshake;
```

Description

This is Screenshake, a member of class TGame.

1.1.17.4.13 TGame.Speech

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Speech: TSpeech;
```

Description

This is Speech, a member of class TGame.

1.1.17.4.14 TGame.Sprite

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Sprite: TSprite;
```

Description

This is Sprite, a member of class TGame.

1.1.17.4.15 TGame.Terminate

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Terminate: Boolean;
```

Description

This is Terminate, a member of class TGame.

1.1.17.4.16 TGame.Timer

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Timer: TTimer;
```

Description

This is Timer, a member of class TGame.

1.1.17.4.17 TGame.Video

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Video: TVideo;
```

Description

This is Video, a member of class TGame.

1.1.17.4.18 TGame.Window

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Window: TWindow;
```

Description

This is Window, a member of class TGame.

1.1.17.5 TGame Nested Types

The nested types of the TGame class are listed here.

Nested Types

	PSettings (see page 101)	This is nested type TGame.PSettings.
---	---------------------------	--------------------------------------

1.1.17.5.1 TGame.PSettings

File: DelphiGamekit.pas (see page 312)

Delphi

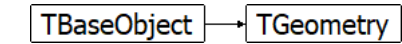
```
PSettings = ^TSettings;
```

Description

This is nested type TGame.PSettings.

1.1.18 TGeometry

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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







Description

This is class TGeometry.

1.1.18.1 TGeometry Methods

The methods of the TGeometry class are listed here.

Methods

	AddVertex (see page 102)	This is AddVertex, a member of class TGeometry.
	Alloc (see page 102)	This is Alloc, a member of class TGeometry.
	Create (see page 102)	This is Create, a member of class TGeometry.
	Destroy (see page 102)	This is Destroy, a member of class TGeometry.
	Render (see page 103)	This is Render, a member of class TGeometry.
	Reset (see page 103)	This is Reset, a member of class TGeometry.

1.1.18.1.1 TGeometry.AddVertex

File: DelphiGamekit.pas (see page 312)

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.

1.1.18.1.2 TGeometry.Alloc

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Alloc, a member of class TGeometry.

1.1.18.1.3 TGeometry.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TGeometry.

1.1.18.1.4 TGeometry.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TGeometry.

1.1.18.1.5 TGeometry.Render

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Render, a member of class TGeometry.

1.1.18.1.6 TGeometry.Reset

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Reset;
```

Description

This is Reset, a member of class TGeometry.

1.1.19 THud

File: DelphiGamekit.pas (see page 312)

Delphi

```
THud = record  
end;
```

Description

This is class THud.

1.1.19.1 THud Methods

The methods of the THud class are listed here.

Methods

≡	ResetPos (see page 104)	This is ResetPos, a member of class THud.
≡	SetLineSpace (see page 104)	This is SetLineSpace, a member of class THud.
≡	SetPos (see page 104)	This is SetPos, a member of class THud.
≡	SetTextItemPadWidth (see page 104)	This is SetTextItemPadWidth, a member of class THud.
≡	Text (see page 104)	This is Text, a member of class THud.
≡	TextItem (see page 105)	This is TextItem, a member of class THud.

1.1.19.1.1 THud.ResetPos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ResetPos, a member of class THud.

1.1.19.1.2 THud.SetLineSpace

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetLineSpace, a member of class THud.

1.1.19.1.3 THud.SetPos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetPos, a member of class THud.

1.1.19.1.4 THud.SetTextItemPadWidth

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetTextItemPadWidth, a member of class THud.

1.1.19.1.5 THud.Text

File: DelphiGamekit.pas (see page 312)

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.

1.1.19.1.6 THud.TextItem

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is TextItem, a member of class THud.

1.1.19.2 THud Operators

The operators of the THud class are listed here.

Operators

	Finalize (see page 105)	This is Finalize, a member of class THud.
	Initialize (see page 105)	This is Initialize, a member of class THud.

1.1.19.2.1 THud.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class THud.

1.1.19.2.2 THud.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class THud.

1.1.20 TInput

File: DelphiGamekit.pas (see page 312)

Delphi

```
TInput = record
end;
```

Description

This is class TInput.

1.1.20.1 TInput Methods

The methods of the TInput class are listed here.

Methods

☞	Clear (see page 106)	This is Clear, a member of class TInput.
☞	Close (see page 106)	This is Close, a member of class TInput.
☞	ControllerDown (see page 106)	This is ControllerDown, a member of class TInput.
☞	ControllerPosition (see page 107)	This is ControllerPosition, a member of class TInput.
☞	ControllerPressed (see page 107)	This is ControllerPressed, a member of class TInput.
☞	ControllerReleased (see page 107)	This is ControllerReleased, a member of class TInput.
☞	GetMouseInfo (see page 107)	This is GetMouseInfo, a member of class TInput.
☞	KeyDown (see page 108)	This is KeyDown, a member of class TInput.
☞	KeyPressed (see page 108)	This is KeyPressed, a member of class TInput.
☞	KeyReleased (see page 108)	This is KeyReleased, a member of class TInput.
☞	MouseDown (see page 108)	This is MouseDown, a member of class TInput.
☞	MousePressed (see page 108)	This is MousePressed, a member of class TInput.
☞	MouseReleased (see page 109)	This is MouseReleased, a member of class TInput.
☞	Open (see page 109)	This is Open, a member of class TInput.
☞	SetMousePos (see page 109)	This is SetMousePos, a member of class TInput.
☞	Update (see page 109)	This is Update, a member of class TInput.

1.1.20.1.1 TInput.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Clear, a member of class TInput.

1.1.20.1.2 TInput.Close

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Close, a member of class TInput.

1.1.20.1.3 TInput.ControllerDown

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ControllerDown, a member of class TInput.

1.1.20.1.4 TInput.ControllerPosition

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ControllerPosition, a member of class TInput.

1.1.20.1.5 TInput.ControllerPressed

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ControllerPressed, a member of class TInput.

1.1.20.1.6 TInput.ControllerReleased

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ControllerReleased, a member of class TInput.

1.1.20.1.7 TInput.GetMouseInfo

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetMouseInfo, a member of class TInput.

1.1.20.1.8 TInput.KeyDown

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is KeyDown, a member of class TInput.

1.1.20.1.9 TInput.KeyPressed

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is KeyPressed, a member of class TInput.

1.1.20.1.10 TInput.KeyReleased

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is KeyReleased, a member of class TInput.

1.1.20.1.11 TInput.MouseDown

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is MouseDown, a member of class TInput.

1.1.20.1.12 TInput.MousePressed

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is MousePressed, a member of class TInput.

1.1.20.1.13 TInput.MouseReleased

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is MouseReleased, a member of class TInput.

1.1.20.1.14 TInput.Open

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Open, a member of class TInput.

1.1.20.1.15 TInput.SetMousePos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetMousePos, a member of class TInput.

1.1.20.1.16 TInput.Update

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is Update, a member of class TInput.

1.1.20.2 TInput Operators

The operators of the TInput class are listed here.

Operators

	Finalize (see page 110)	This is Finalize, a member of class TInput.
	Initialize (see page 110)	This is Initialize, a member of class TInput.

1.1.20.2.1 TInput.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TInput.

1.1.20.2.2 TInput.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TInput.

1.1.21 TLog

File: DelphiGamekit.pas (see page 312)

Delphi

```
TLog = record  
end ;
```









Description



This is class TLog.

1.1.21.1 TLog Methods

The methods of the TLog class are listed here.

Methods

	Add (see page 111)	This is Add, a member of class TLog.
	Close (see page 111)	This is Close, a member of class TLog.
	Fatal (see page 111)	This is Fatal, a member of class TLog.
	GetConsoleOutput (see page 111)	This is GetConsoleOutput, a member of class TLog.
	GetFilename (see page 111)	This is GetFilename, a member of class TLog.
	Open (see page 112)	This is Open, a member of class TLog.
	Opened (see page 112)	This is Opened, a member of class TLog.
	Reset (see page 112)	This is Reset, a member of class TLog.

	SetConsoleOutput (see page 112)	This is SetConsoleOutput, a member of class TLog.
	View (see page 112)	This is View, a member of class TLog.

1.1.21.1.1 TLog.Add

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Add, a member of class TLog.

1.1.21.1.2 TLog.Close

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Close, a member of class TLog.

1.1.21.1.3 TLog.Fatal

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Fatal, a member of class TLog.

1.1.21.1.4 TLog.GetConsoleOutput

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetConsoleOutput, a member of class TLog.

1.1.21.1.5 TLog.GetFilename

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetFilename, a member of class TLog.

1.1.21.1.6 TLog.Open

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Open, a member of class TLog.

1.1.21.1.7 TLog.Opened

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Opened, a member of class TLog.

1.1.21.1.8 TLog.Reset

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Reset, a member of class TLog.

1.1.21.1.9 TLog.SetConsoleOutput

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetConsoleOutput, a member of class TLog.

1.1.21.1.10 TLog.View

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is View, a member of class TLog.

1.1.21.2 TLog Operators

The operators of the TLog class are listed here.

Operators

	Finalize (see page 113)	This is Finalize, a member of class TLog.
	Initialize (see page 113)	This is Initialize, a member of class TLog.

1.1.21.2.1 TLog.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TLog.

1.1.21.2.2 TLog.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TLog.

1.1.22 TPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description


This is class TPoint.

1.1.22.1 TPoint Fields

The fields of the TPoint class are listed here.

Fields

	X (see page 114)	This is X, a member of class TPoint.
	Y (see page 114)	This is Y, a member of class TPoint.

	Z (see page 114)	This is Z, a member of class TPoint.
---	-------------------	--------------------------------------

1.1.22.1.1 TPoint.X

File: DelphiGamekit.pas (see page 312)

Delphi

`x: Single;`

Description

This is X, a member of class TPoint.

1.1.22.1.2 TPoint.Y

File: DelphiGamekit.pas (see page 312)

Delphi

`y: Single;`

Description

This is Y, a member of class TPoint.

1.1.22.1.3 TPoint.Z

File: DelphiGamekit.pas (see page 312)

Delphi

`z: Single;`

Description

This is Z, a member of class TPoint.

1.1.22.2 TPoint Methods

The methods of the TPoint class are listed here.

Methods

	Create (see page 114)	This is Create, a member of class TPoint.
---	------------------------	---

1.1.22.2.1 TPoint.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create(  
    const ax: Single;  
    const ay: Single;  
    const az: Single  
);
```





Description

This is Create, a member of class TPoint.

1.1.22.3 TPoint Operators

The operators of the TPoint class are listed here.

Operators

	Implicit (see page 115)	This is Implicit, a member of class TPoint.
	Implicit (see page 115)	This is Implicit, a member of class TPoint.
	Implicit (see page 115)	This is Implicit, a member of class TPoint.
	Initialize (see page 115)	This is Initialize, a member of class TPoint.

1.1.22.3.1 TPoint.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TPoint.

1.1.22.3.2 TPoint.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TPoint.

1.1.22.3.3 TPoint.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TPoint.

1.1.22.3.4 TPoint.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TPoint.

1.1.23 TPolyPoint

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is class TPolyPoint.

1.1.23.1 TPolyPoint Fields

The fields of the TPolyPoint class are listed here.

Fields

	FCount (see page 116)	This is FCount, a member of class TPolyPoint.
	FPolygon (see page 116)	This is FPolygon, a member of class TPolyPoint.

1.1.23.1.1 TPolyPoint.FCount

File: DelphiGamekit.pas (see page 312)

Delphi

```
FCount: Integer;
```

Description

This is FCount, a member of class TPolyPoint.

1.1.23.1.2 TPolyPoint.FPolygon

File: DelphiGamekit.pas (see page 312)

Delphi

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


















Description

This is FPolygon, a member of class TPolyPoint.

1.1.23.2 TPolyPoint Methods

The methods of the TPolyPoint class are listed here.

Methods

	AddPoint (see page 117)	This is AddPoint, a member of class TPolyPoint.
	Clear (see page 117)	This is Clear, a member of class TPolyPoint.
	Collide (see page 117)	This is Collide, a member of class TPolyPoint.
	CollidePoint (see page 118)	This is CollidePoint, a member of class TPolyPoint.
	CopyFrom (see page 118)	This is CopyFrom, a member of class TPolyPoint.
	Count (see page 118)	This is Count, a member of class TPolyPoint.
 	Create (see page 118)	This is Create, a member of class TPolyPoint.
 	Destroy (see page 119)	This is Destroy, a member of class TPolyPoint.
	Load (see page 119)	This is Load, a member of class TPolyPoint.
	Polygon (see page 119)	This is Polygon, a member of class TPolyPoint.
	Render (see page 119)	This is Render, a member of class TPolyPoint.
	Save (see page 120)	This is Save, a member of class TPolyPoint.
	TraceFromSprite (see page 120)	This is TraceFromSprite, a member of class TPolyPoint.
	TraceFromTexture (see page 120)	This is TraceFromTexture, a member of class TPolyPoint.
	Valid (see page 120)	This is Valid, a member of class TPolyPoint.

1.1.23.2.1 TPolyPoint.AddPoint

File: DelphiGamekit.pas (see page 312)

Delphi

```

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

```

Description

This is AddPoint, a member of class TPolyPoint.

1.1.23.2.2 TPolyPoint.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

```

procedure Clear;

```

Description

This is Clear, a member of class TPolyPoint.

1.1.23.2.3 TPolyPoint.Collide

File: DelphiGamekit.pas (see page 312)

Delphi

```

function Collide(
    const aNum1: Integer;
    const aGroup1: Integer;
    const aX1: Single;
    const aY1: Single;
    const aScale1: Single;
    const aAngle1: Single;
    const aFlipModel: 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.

1.1.23.2.4 TPolyPoint.CollidePoint

File: DelphiGamekit.pas (see page 312)

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.

1.1.23.2.5 TPolyPoint.CopyFrom

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is CopyFrom, a member of class TPolyPoint.

1.1.23.2.6 TPolyPoint.Count

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Count: Integer;
```

Description

This is Count, a member of class TPolyPoint.

1.1.23.2.7 TPolyPoint.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TPolyPoint.

1.1.23.2.8 TPolyPoint.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TPolyPoint.

1.1.23.2.9 TPolyPoint.Load

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Load, a member of class TPolyPoint.

1.1.23.2.10 TPolyPoint.Polygon

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Polygon, a member of class TPolyPoint.

1.1.23.2.11 TPolyPoint.Render

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Render, a member of class TPolyPoint.

1.1.23.2.12 TPolyPoint.Save

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Save, a member of class TPolyPoint.

1.1.23.2.13 TPolyPoint.TraceFromSprite

File: DelphiGamekit.pas (see page 312)

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.

1.1.23.2.14 TPolyPoint.TraceFromTexture

File: DelphiGamekit.pas (see page 312)

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.

1.1.23.2.15 TPolyPoint.Valid

File: DelphiGamekit.pas (see page 312)

Delphi

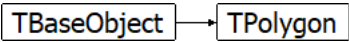
```
function Valid(  
    const aNum: Integer  
): Boolean;
```

Description

This is Valid, a member of class TPolyPoint.

1.1.24 TPolygon

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is class TPolygon.

1.1.24.1 TPolygon Records

The records of the TPolygon class are listed here.

Records

	TSegment (see page 121)	This is record TPolygon.TSegment.
---	--------------------------	-----------------------------------

1.1.24.1.1 TPolygon.TSegment

File: DelphiGamekit.pas (see page 312)

Delphi

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




Description

This is record TPolygon.TSegment.

1.1.24.2 TPolygon Fields

The fields of the TPolygon class are listed here.

Fields

	FItemCount (see page 121)	This is FItemCount, a member of class TPolygon.
	FSegment (see page 122)	This is FSegment, a member of class TPolygon.
	FWorldPoint (see page 122)	This is FWorldPoint, a member of class TPolygon.

1.1.24.2.1 TPolygon.FItemCount

File: DelphiGamekit.pas (see page 312)

Delphi

```
FItemCount: Integer;
```

Description

This is FItemCount, a member of class TPolygon.

1.1.24.2.2 TPolygon.FSegment

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FSegment, a member of class TPolygon.

1.1.24.2.3 TPolygon.FWorldPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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















Description

This is FWorldPoint, a member of class TPolygon.

1.1.24.3 TPolygon Methods

The methods of the TPolygon class are listed here.

Methods

	AddLocalPoint (see page 122)	This is AddLocalPoint, a member of class TPolygon.
	Clear (see page 123)	This is Clear, a member of class TPolygon.
	CopyFrom (see page 123)	This is CopyFrom, a member of class TPolygon.
	Create (see page 123)	This is Create, a member of class TPolygon.
	Destroy (see page 123)	This is Destroy, a member of class TPolygon.
	Load (see page 123)	This is Load, a member of class TPolygon.
	LocalPoint (see page 124)	This is LocalPoint, a member of class TPolygon.
	PointCount (see page 124)	This is PointCount, a member of class TPolygon.
	Render (see page 124)	This is Render, a member of class TPolygon.
	Save (see page 124)	This is Save, a member of class TPolygon.
	SegmentVisible (see page 124)	This is SegmentVisible, a member of class TPolygon.
	SetSegmentVisible (see page 125)	This is SetSegmentVisible, a member of class TPolygon.
	Transform (see page 125)	This is Transform, a member of class TPolygon.
	WorldPoint (see page 125)	This is WorldPoint, a member of class TPolygon.

1.1.24.3.1 TPolygon.AddLocalPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AddLocalPoint, a member of class TPolygon.

1.1.24.3.2 TPolygon.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TPolygon.

1.1.24.3.3 TPolygon.CopyFrom

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is CopyFrom, a member of class TPolygon.

1.1.24.3.4 TPolygon.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TPolygon.

1.1.24.3.5 TPolygon.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TPolygon.

1.1.24.3.6 TPolygon.Load

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Load, a member of class TPolygon.

1.1.24.3.7 TPolygon.LocalPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is LocalPoint, a member of class TPolygon.

1.1.24.3.8 TPolygon.PointCount

File: DelphiGamekit.pas (see page 312)

Delphi

```
function PointCount: Integer;
```

Description

This is PointCount, a member of class TPolygon.

1.1.24.3.9 TPolygon.Render

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Render, a member of class TPolygon.

1.1.24.3.10 TPolygon.Save

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Save, a member of class TPolygon.

1.1.24.3.11 TPolygon.SegmentVisible

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SegmentVisible, a member of class TPolygon.

1.1.24.3.12 TPolygon.SetSegmentVisible

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetSegmentVisible, a member of class TPolygon.

1.1.24.3.13 TPolygon.Transform

File: DelphiGamekit.pas (see page 312)

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.

1.1.24.3.14 TPolygon.WorldPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is WorldPoint, a member of class TPolygon.

1.1.25 TPolypointTrace

File: DelphiGamekit.pas (see page 312)

Delphi

```
TPolypointTrace = record  
end;
```









Description

This is class TPolypointTrace.

1.1.25.1 TPolypointTrace Methods

The methods of the TPolypointTrace class are listed here.

Methods

	AddPoint (see page 126)	This is AddPoint, a member of class TPolypointTrace.
	ApplyPolyPoint (see page 126)	This is ApplyPolyPoint, a member of class TPolypointTrace.
	DelPoint (see page 126)	This is DelPoint, a member of class TPolypointTrace.
	Done (see page 127)	This is Done, a member of class TPolypointTrace.
	GetPointCount (see page 127)	This is GetPointCount, a member of class TPolypointTrace.
	Init (see page 127)	This is Init, a member of class TPolypointTrace.
	PrimaryTrace (see page 127)	This is PrimaryTrace, a member of class TPolypointTrace.
	SimplifyPoly (see page 127)	This is SimplifyPoly, a member of class TPolypointTrace.

1.1.25.1.1 TPolypointTrace.AddPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AddPoint, a member of class TPolypointTrace.

1.1.25.1.2 TPolypointTrace.ApplyPolyPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ApplyPolyPoint, a member of class TPolypointTrace.

1.1.25.1.3 TPolypointTrace.DelPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DelPoint, a member of class TPolypointTrace.

1.1.25.1.4 TPolypointTrace.Done

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Done, a member of class TPolypointTrace.

1.1.25.1.5 TPolypointTrace.GetPointCount

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetPointCount, a member of class TPolypointTrace.

1.1.25.1.6 TPolypointTrace.Init

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Init, a member of class TPolypointTrace.

1.1.25.1.7 TPolypointTrace.PrimaryTrace

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is PrimaryTrace, a member of class TPolypointTrace.

1.1.25.1.8 TPolypointTrace.SimplifyPoly

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SimplifyPoly, a member of class TPolypointTrace.

1.1.26 TPrefs

File: DelphiGamekit.pas (see page 312)

Delphi

```
TPrefs = record
end;
```







Description

This is class TPrefs.

1.1.26.1 TPrefs Methods

The methods of the TPrefs class are listed here.

Methods

	GetAppName (see page 128)	This is GetAppName, a member of class TPrefs.
	GetOrgName (see page 128)	This is GetOrgName, a member of class TPrefs.
	GetPath (see page 128)	This is GetPath, a member of class TPrefs.
	GotoPath (see page 129)	This is GotoPath, a member of class TPrefs.
	SetAppName (see page 129)	This is SetAppName, a member of class TPrefs.
	SetOrgName (see page 129)	This is SetOrgName, a member of class TPrefs.

1.1.26.1.1 TPrefs.GetAppName

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetAppName, a member of class TPrefs.

1.1.26.1.2 TPrefs.GetOrgName

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetOrgName, a member of class TPrefs.

1.1.26.1.3 TPrefs.GetPath

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetPath, a member of class TPrefs.

1.1.26.1.4 TPrefs.GotoPath

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GotoPath, a member of class TPrefs.

1.1.26.1.5 TPrefs.SetAppName

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetAppName, a member of class TPrefs.

1.1.26.1.6 TPrefs.SetOrgName

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is SetOrgName, a member of class TPrefs.

1.1.26.2 TPrefs Operators

The operators of the TPrefs class are listed here.

Operators

	Finalize (see page 129)	This is Finalize, a member of class TPrefs.
	Initialize (see page 130)	This is Initialize, a member of class TPrefs.

1.1.26.2.1 TPrefs.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TPrefs.

1.1.26.2.2 TPrefs.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TPrefs.

1.1.27 TRect

File: DelphiGamekit.pas (see page 312)

Delphi

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





Description

This is class TRect.

1.1.27.1 TRect Fields

The fields of the TRect class are listed here.

Fields

	Height (see page 130)	This is Height, a member of class TRect.
	Width (see page 130)	This is Width, a member of class TRect.
	X (see page 131)	This is X, a member of class TRect.
	Y (see page 131)	This is Y, a member of class TRect.

1.1.27.1.1 TRect.Height

File: DelphiGamekit.pas (see page 312)

Delphi

```
Height: Single;
```

Description

This is Height, a member of class TRect.

1.1.27.1.2 TRect.Width

File: DelphiGamekit.pas (see page 312)

Delphi

```
Width: Single;
```

Description

This is Width, a member of class TRect.

1.1.27.1.3 TRect.X

File: DelphiGamekit.pas (see page 312)

Delphi

```
x: Single;
```

Description

This is X, a member of class TRect.

1.1.27.1.4 TRect.Y

File: DelphiGamekit.pas (see page 312)

Delphi

```
y: Single;
```




Description

This is Y, a member of class TRect.

1.1.27.2 TRect Methods

The methods of the TRect class are listed here.

Methods

	Assign (see page 131)	This is Assign, a member of class TRect.
	Create (see page 131)	This is Create, a member of class TRect.
	Intersect (see page 132)	This is Intersect, a member of class TRect.

1.1.27.2.1 TRect.Assign

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Assign(  
  ax: Single;  
  ay: Single;  
  aWidth: Single;  
  aHeight: Single  
);
```

Description

This is Assign, a member of class TRect.

1.1.27.2.2 TRect.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create(  
  const ax: Single;  
  const ay: Single;
```

```
const aWidth: Single;
const aHeight: Single
);
```

Description

This is Create, a member of class TRect.

1.1.27.2.3 TRect.Intersect

File: DelphiGamekit.pas (see page 312)

Delphi

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





Description

This is Intersect, a member of class TRect.

1.1.27.3 TRect Operators

The operators of the TRect class are listed here.

Operators

	Implicit (see page 132)	This is Implicit, a member of class TRect.
	Implicit (see page 132)	This is Implicit, a member of class TRect.
	Implicit (see page 132)	This is Implicit, a member of class TRect.
	Initialize (see page 133)	This is Initialize, a member of class TRect.

1.1.27.3.1 TRect.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TRect.

1.1.27.3.2 TRect.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TRect.

1.1.27.3.3 TRect.Implicit

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Implicit, a member of class TRect.

1.1.27.3.4 TRect.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TRect.

1.1.28 TScreenshake

File: DelphiGamekit.pas (see page 312)

Delphi

```
TScreenshake = record  
end;
```





Description

This is class TScreenshake.

1.1.28.1 TScreenshake Methods

The methods of the TScreenshake class are listed here.

Methods

	Active (see page 133)	This is Active, a member of class TScreenshake.
	Clear (see page 134)	This is Clear, a member of class TScreenshake.
	Process (see page 134)	This is Process, a member of class TScreenshake.
	Start (see page 134)	This is Start, a member of class TScreenshake.

1.1.28.1.1 TScreenshake.Active

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Active, a member of class TScreenshake.

1.1.28.1.2 TScreenshake.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Clear, a member of class TScreenshake.

1.1.28.1.3 TScreenshake.Process

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Process, a member of class TScreenshake.

1.1.28.1.4 TScreenshake.Start

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is Start, a member of class TScreenshake.

1.1.28.2 TScreenshake Operators

The operators of the TScreenshake class are listed here.

Operators

	Finalize (see page 134)	This is Finalize, a member of class TScreenshake.
	Initialize (see page 135)	This is Initialize, a member of class TScreenshake.

1.1.28.2.1 TScreenshake.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TScreenshake.

1.1.28.2.2 TScreenshake.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TScreenshake.

1.1.29 TSpeech

File: DelphiGamekit.pas (see page 312)

Delphi

```
TSpeech = record
end;
```

Description

This is class TSpeech.

1.1.29.1 TSpeech Methods

The methods of the TSpeech class are listed here.

Methods

≡	Active (see page 135)	This is Active, a member of class TSpeech.
≡	ChangeVoice (see page 136)	This is ChangeVoice, a member of class TSpeech.
≡	Clear (see page 136)	This is Clear, a member of class TSpeech.
≡	GetRate (see page 136)	This is GetRate, a member of class TSpeech.
≡	GetVoice (see page 136)	This is GetVoice, a member of class TSpeech.
≡	GetVoiceAttribute (see page 136)	This is GetVoiceAttribute, a member of class TSpeech.
≡	GetVoiceCount (see page 137)	This is GetVoiceCount, a member of class TSpeech.
≡	GetVolume (see page 137)	This is GetVolume, a member of class TSpeech.
≡	Pause (see page 137)	This is Pause, a member of class TSpeech.
≡	Reset (see page 137)	This is Reset, a member of class TSpeech.
≡	Resume (see page 137)	This is Resume, a member of class TSpeech.
≡	Say (see page 138)	This is Say, a member of class TSpeech.
≡	SetRate (see page 138)	This is SetRate, a member of class TSpeech.
≡	SetVolume (see page 138)	This is SetVolume, a member of class TSpeech.
≡	SubstituteWord (see page 138)	This is SubstituteWord, a member of class TSpeech.

1.1.29.1.1 TSpeech.Active

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Active, a member of class TSpeech.

1.1.29.1.2 TSpeech.ChangeVoice

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ChangeVoice, a member of class TSpeech.

1.1.29.1.3 TSpeech.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Clear, a member of class TSpeech.

1.1.29.1.4 TSpeech.GetRate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetRate, a member of class TSpeech.

1.1.29.1.5 TSpeech.GetVoice

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetVoice, a member of class TSpeech.

1.1.29.1.6 TSpeech.GetVoiceAttribute

File: DelphiGamekit.pas (see page 312)

Delphi

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


Description

This is GetVoiceAttribute, a member of class TSpeech.

1.1.29.1.7 TSpeech.GetVoiceCount

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetVoiceCount, a member of class TSpeech.

1.1.29.1.8 TSpeech.GetVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetVolume, a member of class TSpeech.

1.1.29.1.9 TSpeech.Pause

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Pause, a member of class TSpeech.

1.1.29.1.10 TSpeech.Reset

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Reset, a member of class TSpeech.

1.1.29.1.11 TSpeech.Resume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Resume, a member of class TSpeech.

1.1.29.1.12 TSpeech.Say

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Say, a member of class TSpeech.

1.1.29.1.13 TSpeech.SetRate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetRate, a member of class TSpeech.

1.1.29.1.14 TSpeech.SetVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetVolume, a member of class TSpeech.

1.1.29.1.15 TSpeech.SubstituteWord

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is SubstituteWord, a member of class TSpeech.

1.1.29.2 TSpeech Operators

The operators of the TSpeech class are listed here.

Operators

	Finalize (see page 139)	This is Finalize, a member of class TSpeech.
	Initialize (see page 139)	This is Initialize, a member of class TSpeech.

1.1.29.2.1 TSpeech.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TSpeech.

1.1.29.2.2 TSpeech.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

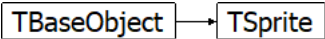
```
class operator Initialize(  
    out aDest: TSpeech  
);
```

Description

This is Initialize, a member of class TSpeech.

1.1.30 TSprite

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is class TSprite.

1.1.30.1 TSprite Records

The records of the TSprite class are listed here.

Records

	TSpriteGroup (see page 139)	This is record TSprite.TSpriteGroup.
	TSpriteImageRect (see page 140)	This is record TSprite.TSpriteImageRect.

1.1.30.1.1 TSprite.TSpriteGroup

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is record TSprite.TSpriteGroup.

1.1.30.1.2 TSprite.TSpriteImageRect

File: DelphiGamekit.pas (see page 312)

Delphi

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





Description

This is record TSprite.TSpriteImageRect.

1.1.30.2 TSprite Fields

The fields of the TSprite class are listed here.

Fields

	FGroup (see page 140)	This is FGroup, a member of class TSprite.
	FGroupCount (see page 140)	This is FGroupCount, a member of class TSprite.
	FPageCount (see page 141)	This is FPageCount, a member of class TSprite.
	FTexture (see page 141)	This is FTexture, a member of class TSprite.

1.1.30.2.1 TSprite.FGroup

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FGroup, a member of class TSprite.

1.1.30.2.2 TSprite.FGroupCount

File: DelphiGamekit.pas (see page 312)

Delphi

```
FGroupCount: Integer;
```

Description

This is FGroupCount, a member of class TSprite.

1.1.30.2.3 TSprite.FPageCount

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPageCount: Integer;
```

Description

This is FPageCount, a member of class TSprite.

1.1.30.2.4 TSprite.FTexture

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FTexture, a member of class TSprite.

1.1.30.3 TSprite Methods

The methods of the TSprite class are listed here.

Methods

✦	AddGroup (see page 141)	This is AddGroup, a member of class TSprite.
✦	AddImageFromGrid (see page 142)	This is AddImageFromGrid, a member of class TSprite.
✦	AddImageFromRect (see page 142)	This is AddImageFromRect, a member of class TSprite.
✦	Clear (see page 142)	This is Clear, a member of class TSprite.
✦ V	Create (see page 142)	This is Create, a member of class TSprite.
✦ V	Destroy (see page 142)	This is Destroy, a member of class TSprite.
✦	GroupPolyPoint (see page 143)	This is GroupPolyPoint, a member of class TSprite.
✦	GroupPolyPointCollide (see page 143)	This is GroupPolyPointCollide, a member of class TSprite.
✦	GroupPolyPointCollidePoint (see page 143)	This is GroupPolyPointCollidePoint, a member of class TSprite.
✦	GroupPolyPointTrace (see page 144)	This is GroupPolyPointTrace, a member of class TSprite.
✦	ImageCount (see page 144)	This is ImageCount, a member of class TSprite.
✦	ImageHeight (see page 144)	This is ImageHeight, a member of class TSprite.
✦	ImageRect (see page 144)	This is ImageRect, a member of class TSprite.
✦	ImageTexture (see page 145)	This is ImageTexture, a member of class TSprite.
✦	ImageWidth (see page 145)	This is ImageWidth, a member of class TSprite.
✦	LoadPage (see page 145)	This is LoadPage, a member of class TSprite.
✦	RenderImage (see page 145)	This is RenderImage, a member of class TSprite.

1.1.30.3.1 TSprite.AddGroup

File: DelphiGamekit.pas (see page 312)

Delphi

```
function AddGroup: Integer;
```

Description

This is AddGroup, a member of class TSprite.

1.1.30.3.2 TSprite.AddImageFromGrid

File: DelphiGamekit.pas (see page 312)

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.

1.1.30.3.3 TSprite.AddImageFromRect

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is AddImageFromRect, a member of class TSprite.

1.1.30.3.4 TSprite.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TSprite.

1.1.30.3.5 TSprite.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TSprite.

1.1.30.3.6 TSprite.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TSprite.

1.1.30.3.7 TSprite.GroupPolyPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GroupPolyPoint, a member of class TSprite.

1.1.30.3.8 TSprite.GroupPolyPointCollide

File: DelphiGamekit.pas (see page 312)

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.

1.1.30.3.9 TSprite.GroupPolyPointCollidePoint

File: DelphiGamekit.pas (see page 312)

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.

1.1.30.3.10 TSprite.GroupPolyPointTrace

File: DelphiGamekit.pas (see page 312)

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.

1.1.30.3.11 TSprite.ImageCount

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ImageCount, a member of class TSprite.

1.1.30.3.12 TSprite.ImageHeight

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ImageHeight, a member of class TSprite.

1.1.30.3.13 TSprite.ImageRect

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ImageRect, a member of class TSprite.

1.1.30.3.14 TSprite.ImageTexture

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ImageTexture, a member of class TSprite.

1.1.30.3.15 TSprite.ImageWidth

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is ImageWidth, a member of class TSprite.

1.1.30.3.16 TSprite.LoadPage

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is LoadPage, a member of class TSprite.

1.1.30.3.17 TSprite.RenderImage

File: DelphiGamekit.pas (see page 312)

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.

1.1.30.4 TSprite Nested Types

The nested types of the TSprite class are listed here.

Nested Types

🔔	PSpriteGroup (see page 146)	This is nested type TSprite.PSpriteGroup.
🔔	PSpriteImageRect (see page 146)	This is nested type TSprite.PSpriteImageRect.

1.1.30.4.1 TSprite.PSpriteGroup

File: DelphiGamekit.pas (see page 312)

Delphi

```
PSpriteGroup = ^TSpriteGroup;
```

Description

This is nested type TSprite.PSpriteGroup.

1.1.30.4.2 TSprite.PSpriteImageRect

File: DelphiGamekit.pas (see page 312)

Delphi

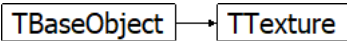
```
PSpriteImageRect = ^TSpriteImageRect;
```

Description

This is nested type TSprite.PSpriteImageRect.

1.1.31 TTexture

Class Hierarchy



File: DelphiGamekit.pas (see page 312)

Delphi

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








Description

This is class TTexture.

1.1.31.1 TTexture Fields

The fields of the TTexture class are listed here.

Fields

	FHandle (see page 147)	This is FHandle, a member of class TTexture.
	FHeight (see page 147)	This is FHeight, a member of class TTexture.
	FLockRect (see page 147)	This is FLockRect, a member of class TTexture.
	FPitch (see page 147)	This is FPitch, a member of class TTexture.
	FPixelFormat (see page 147)	This is FPixelFormat, a member of class TTexture.
	FPixels (see page 148)	This is FPixels, a member of class TTexture.
	FWidth (see page 148)	This is FWidth, a member of class TTexture.

1.1.31.1.1 TTexture.FHandle

File: DelphiGamekit.pas (see page 312)

Delphi

```
FHandle: PSDL_Texture;
```

Description

This is FHandle, a member of class TTexture.

1.1.31.1.2 TTexture.FHeight

File: DelphiGamekit.pas (see page 312)

Delphi

```
FHeight: Integer;
```

Description

This is FHeight, a member of class TTexture.

1.1.31.1.3 TTexture.FLockRect

File: DelphiGamekit.pas (see page 312)

Delphi

```
FLockRect: SDL_FRect;
```

Description

This is FLockRect, a member of class TTexture.

1.1.31.1.4 TTexture.FPitch

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPitch: Integer;
```

Description

This is FPitch, a member of class TTexture.

1.1.31.1.5 TTexture.FPixelFormat

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPixelFormat: PSDL_PixelFormat;
```

Description

This is FPixelFormat, a member of class TTexture.

1.1.31.1.6 TTexture.FPixels

File: DelphiGamekit.pas (see page 312)

Delphi

```
FPixels: Pointer;
```

Description

This is FPixels, a member of class TTexture.

1.1.31.1.7 TTexture.FWidth

File: DelphiGamekit.pas (see page 312)

Delphi

```
FWidth: Integer;
```

Description

This is FWidth, a member of class TTexture.

1.1.31.2 TTexture Methods

The methods of the TTexture class are listed here.

Methods

≡◆	Alloc (see page 148)	This is Alloc, a member of class TTexture.
≡◆V	Create (see page 149)	This is Create, a member of class TTexture.
≡◆V	Destroy (see page 149)	This is Destroy, a member of class TTexture.
≡◆	GetColor (see page 149)	This is GetColor, a member of class TTexture.
≡◆	GetPixel (see page 149)	This is GetPixel, a member of class TTexture.
≡◆	GetSize (see page 149)	This is GetSize, a member of class TTexture.
≡◆	Load (see page 150)	This is Load, a member of class TTexture.
≡◆	LoadTexture (see page 150)	This is LoadTexture, a member of class TTexture.
≡◆	Lock (see page 150)	This is Lock, a member of class TTexture.
≡◆	Render (see page 150)	This is Render, a member of class TTexture.
≡◆	RenderTiled (see page 151)	This is RenderTiled, a member of class TTexture.
≡◆	Save (see page 151)	This is Save, a member of class TTexture.
≡◆	SetColor (see page 151)	This is SetColor, a member of class TTexture.
≡◆	SetPixel (see page 151)	This is SetPixel, a member of class TTexture.
≡◆	Unload (see page 152)	This is Unload, a member of class TTexture.
≡◆	Unlock (see page 152)	This is Unlock, a member of class TTexture.

1.1.31.2.1 TTexture.Alloc

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Alloc, a member of class TTexture.

1.1.31.2.2 TTexture.Create

File: DelphiGamekit.pas (see page 312)

Delphi

```
constructor Create; override;
```

Description

This is Create, a member of class TTexture.

1.1.31.2.3 TTexture.Destroy

File: DelphiGamekit.pas (see page 312)

Delphi

```
destructor Destroy; override;
```

Description

This is Destroy, a member of class TTexture.

1.1.31.2.4 TTexture.GetColor

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetColor: SDL_Color;
```

Description

This is GetColor, a member of class TTexture.

1.1.31.2.5 TTexture.GetPixel

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetPixel, a member of class TTexture.

1.1.31.2.6 TTexture.GetSize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetSize, a member of class TTexture.

1.1.31.2.7 TTexture.Load

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Load, a member of class TTexture.

1.1.31.2.8 TTexture.LoadTexture

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is LoadTexture, a member of class TTexture.

1.1.31.2.9 TTexture.Lock

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Lock, a member of class TTexture.

1.1.31.2.10 TTexture.Render

File: DelphiGamekit.pas (see page 312)

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.

1.1.31.2.11 TTexture.RenderTiled

File: DelphiGamekit.pas (see page 312)

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.

1.1.31.2.12 TTexture.Save

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Save, a member of class TTexture.

1.1.31.2.13 TTexture.SetColor

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetColor, a member of class TTexture.

1.1.31.2.14 TTexture.SetPixel

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetPixel, a member of class TTexture.

1.1.31.2.15 TTexture.Unload

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Unload;
```

Description

This is Unload, a member of class TTexture.

1.1.31.2.16 TTexture.Unlock

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Unlock;
```




Description

This is Unlock, a member of class TTexture.

1.1.31.3 TTexture Properties

The properties of the TTexture class are listed here.

Properties

 R	Handle (see page 152)	This is Handle, a member of class TTexture.
 R	Height (see page 152)	This is Height, a member of class TTexture.
 R	Width (see page 153)	This is Width, a member of class TTexture.

1.1.31.3.1 TTexture.Handle

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Handle: PSDL_Texture;
```

Description

This is Handle, a member of class TTexture.

1.1.31.3.2 TTexture.Height

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Height: Integer;
```

Description

This is Height, a member of class TTexture.

1.1.31.3.3 TTexture.Width

File: DelphiGamekit.pas (see page 312)

Delphi

```
property Width: Integer;
```

Description

This is Width, a member of class TTexture.

1.1.32 TTimer

File: DelphiGamekit.pas (see page 312)

Delphi

```
TTimer = record
end;
```






Description

This is class TTimer.

1.1.32.1 TTimer Methods

The methods of the TTimer class are listed here.

Methods

	Elapsed (see page 153)	This is Elapsed, a member of class TTimer.
	FrameElapsed (see page 153)	This is FrameElapsed, a member of class TTimer.
	FrameRate (see page 154)	This is FrameRate, a member of class TTimer.
	FrameSpeed (see page 154)	This is FrameSpeed, a member of class TTimer.
	Reset (see page 154)	This is Reset, a member of class TTimer.
	Update (see page 154)	This is Update, a member of class TTimer.

1.1.32.1.1 TTimer.Elapsed

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Elapsed, a member of class TTimer.

1.1.32.1.2 TTimer.FrameElapsed

File: DelphiGamekit.pas (see page 312)

Delphi

```
class function FrameElapsed(
    var aTimer: Single;
```

```
    aFrames: Single  
): Boolean; static;
```

Description

This is FrameElapsed, a member of class TTimer.

1.1.32.1.3 TTimer.FrameRate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FrameRate, a member of class TTimer.

1.1.32.1.4 TTimer.FrameSpeed

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is FrameSpeed, a member of class TTimer.

1.1.32.1.5 TTimer.Reset

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Reset, a member of class TTimer.

1.1.32.1.6 TTimer.Update

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is Update, a member of class TTimer.

1.1.32.2 TTimer Operators

The operators of the TTimer class are listed here.

Operators

	Finalize (see page 155)	This is Finalize, a member of class TTimer.
	Initialize (see page 155)	This is Initialize, a member of class TTimer.

1.1.32.2.1 TTimer.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TTimer.

1.1.32.2.2 TTimer.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TTimer.

1.1.33 TVector

File: DelphiGamekit.pas (see page 312)

Delphi

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





Description

This is class TVector.

1.1.33.1 TVector Fields

The fields of the TVector class are listed here.

Fields

	W (see page 156)	This is W, a member of class TVector.
	X (see page 156)	This is X, a member of class TVector.
	Y (see page 156)	This is Y, a member of class TVector.
	Z (see page 156)	This is Z, a member of class TVector.

1.1.33.1.1 TVector.W

File: DelphiGamekit.pas (see page 312)

Delphi

W: Single;

Description

This is W, a member of class TVector.

1.1.33.1.2 TVector.X

File: DelphiGamekit.pas (see page 312)

Delphi

X: Single;

Description

This is X, a member of class TVector.

1.1.33.1.3 TVector.Y

File: DelphiGamekit.pas (see page 312)

Delphi

Y: Single;

Description

This is Y, a member of class TVector.

1.1.33.1.4 TVector.Z

File: DelphiGamekit.pas (see page 312)

Delphi

Z: Single;

Description

This is Z, a member of class TVector.

1.1.33.2 TVector Methods

The methods of the TVector class are listed here.

Methods

≡	Add (see page 157)	This is Add, a member of class TVector.
≡	Angle (see page 157)	This is Angle, a member of class TVector.
≡	Assign (see page 157)	This is Assign, a member of class TVector.
≡	Assign (see page 157)	This is Assign, a member of class TVector.
≡	Assign (see page 158)	This is Assign, a member of class TVector.
≡	Assign (see page 158)	This is Assign, a member of class TVector.
≡	Clear (see page 158)	This is Clear, a member of class TVector.
≡	Create (see page 158)	This is Create, a member of class TVector.

Distance (see page 159)	This is Distance, a member of class TVector.
Divide (see page 159)	This is Divide, a member of class TVector.
DivideBy (see page 159)	This is DivideBy, a member of class TVector.
DotProduct (see page 159)	This is DotProduct, a member of class TVector.
Magnitude (see page 159)	This is Magnitude, a member of class TVector.
MagnitudeSquared (see page 160)	This is MagnitudeSquared, a member of class TVector.
MagnitudeTruncate (see page 160)	This is MagnitudeTruncate, a member of class TVector.
Multiply (see page 160)	This is Multiply, a member of class TVector.
Negate (see page 160)	This is Negate, a member of class TVector.
Normalize (see page 160)	This is Normalize, a member of class TVector.
Project (see page 161)	This is Project, a member of class TVector.
Scale (see page 161)	This is Scale, a member of class TVector.
Subtract (see page 161)	This is Subtract, a member of class TVector.
Thrust (see page 161)	This is Thrust, a member of class TVector.

1.1.33.2.1 TVector.Add

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Add, a member of class TVector.

1.1.33.2.2 TVector.Angle

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Angle, a member of class TVector.

1.1.33.2.3 TVector.Assign

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Assign, a member of class TVector.

1.1.33.2.4 TVector.Assign

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Assign, a member of class TVector.

1.1.33.2.5 TVector.Assign

File: DelphiGamekit.pas (see page 312)

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.

1.1.33.2.6 TVector.Assign

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Assign, a member of class TVector.

1.1.33.2.7 TVector.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Clear;
```

Description

This is Clear, a member of class TVector.

1.1.33.2.8 TVector.Create

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Create, a member of class TVector.

1.1.33.2.9 TVector.Distance

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Distance, a member of class TVector.

1.1.33.2.10 TVector.Divide

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Divide, a member of class TVector.

1.1.33.2.11 TVector.DivideBy

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DivideBy, a member of class TVector.

1.1.33.2.12 TVector.DotProduct

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DotProduct, a member of class TVector.

1.1.33.2.13 TVector.Magnitude

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Magnitude: Single;
```

Description

This is Magnitude, a member of class TVector.

1.1.33.2.14 TVector.MagnitudeSquared

File: DelphiGamekit.pas (see page 312)

Delphi

```
function MagnitudeSquared: Single;
```

Description

This is MagnitudeSquared, a member of class TVector.

1.1.33.2.15 TVector.MagnitudeTruncate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is MagnitudeTruncate, a member of class TVector.

1.1.33.2.16 TVector.Multiply

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Multiply, a member of class TVector.

1.1.33.2.17 TVector.Negate

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Negate;
```

Description

This is Negate, a member of class TVector.

1.1.33.2.18 TVector.Normalize

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Normalize;
```

Description

This is Normalize, a member of class TVector.

1.1.33.2.19 TVector.Project

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Project, a member of class TVector.

1.1.33.2.20 TVector.Scale

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Scale, a member of class TVector.

1.1.33.2.21 TVector.Subtract

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Subtract, a member of class TVector.

1.1.33.2.22 TVector.Thrust

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Thrust, a member of class TVector.

1.1.33.3 TVector Operators

The operators of the TVector class are listed here.

Operators

	Initialize (see page 162)	This is Initialize, a member of class TVector.
---	----------------------------	--

1.1.33.3.1 TVector.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TVector.

1.1.34 TVideo

File: DelphiGamekit.pas (see page 312)

Delphi

```
TVideo = record  
end;
```

Description

This is class TVideo.

1.1.34.1 TVideo Methods

The methods of the TVideo class are listed here.

Methods

≡◆	Draw (see page 162)	This is Draw, a member of class TVideo.
≡◆	GetFrameRate (see page 163)	This is GetFrameRate, a member of class TVideo.
≡◆	GetHeight (see page 163)	This is GetHeight, a member of class TVideo.
≡◆	GetStatus (see page 163)	This is GetStatus, a member of class TVideo.
≡◆	GetVolume (see page 163)	This is GetVolume, a member of class TVideo.
≡◆	GetWidth (see page 163)	This is GetWidth, a member of class TVideo.
≡◆	Load (see page 164)	This is Load, a member of class TVideo.
≡◆	LoadPlay (see page 164)	This is LoadPlay, a member of class TVideo.
≡◆	Pause (see page 164)	This is Pause, a member of class TVideo.
≡◆	Play (see page 164)	This is Play, a member of class TVideo.
≡◆	Rewind (see page 164)	This is Rewind, a member of class TVideo.
≡◆	SetVolume (see page 165)	This is SetVolume, a member of class TVideo.
≡◆	Stop (see page 165)	This is Stop, a member of class TVideo.
≡◆	Unload (see page 165)	This is Unload, a member of class TVideo.
≡◆	Update (see page 165)	This is Update, a member of class TVideo.

1.1.34.1.1 TVideo.Draw

File: DelphiGamekit.pas (see page 312)

Delphi

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

```
    const aY: Single;  
    const aScale: Single  
); static;
```

Description

This is Draw, a member of class TVideo.

1.1.34.1.2 TVideo.GetFrameRate

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetFrameRate, a member of class TVideo.

1.1.34.1.3 TVideo.GetHeight

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetHeight, a member of class TVideo.

1.1.34.1.4 TVideo.GetStatus

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetStatus, a member of class TVideo.

1.1.34.1.5 TVideo.GetVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetVolume, a member of class TVideo.

1.1.34.1.6 TVideo.GetWidth

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetWidth, a member of class TVideo.

1.1.34.1.7 TVideo.Load

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Load, a member of class TVideo.

1.1.34.1.8 TVideo.LoadPlay

File: DelphiGamekit.pas (see page 312)

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.

1.1.34.1.9 TVideo.Pause

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Pause, a member of class TVideo.

1.1.34.1.10 TVideo.Play

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Play, a member of class TVideo.

1.1.34.1.11 TVideo.Rewind

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Rewind, a member of class TVideo.

1.1.34.1.12 TVideo.SetVolume

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetVolume, a member of class TVideo.

1.1.34.1.13 TVideo.Stop

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Stop, a member of class TVideo.

1.1.34.1.14 TVideo.Unload

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Unload, a member of class TVideo.

1.1.34.1.15 TVideo.Update

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is Update, a member of class TVideo.

1.1.34.2 TVideo Operators

The operators of the TVideo class are listed here.

Operators

	Finalize (see page 166)	This is Finalize, a member of class TVideo.
	Initialize (see page 166)	This is Initialize, a member of class TVideo.

1.1.34.2.1 TVideo.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TVideo.

1.1.34.2.2 TVideo.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TVideo.

1.1.35 TWindow

File: DelphiGamekit.pas (see page 312)

Delphi

```
TWindow = record  
end ;
```









Description

This is class TWindow.

1.1.35.1 TWindow Methods

The methods of the TWindow class are listed here.

Methods

	Clear (see page 167)	This is Clear, a member of class TWindow.
	Close (see page 167)	This is Close, a member of class TWindow.
	DrawFilledRect (see page 167)	This is DrawFilledRect, a member of class TWindow.
	DrawLine (see page 168)	This is DrawLine, a member of class TWindow.
	DrawPoint (see page 168)	This is DrawPoint, a member of class TWindow.
	DrawRect (see page 168)	This is DrawRect, a member of class TWindow.
	GetDDPI (see page 168)	This is GetDDPI, a member of class TWindow.
	GetHDPI (see page 169)	This is GetHDPI, a member of class TWindow.

◆	GetRenderBufferPos (see page 169)	This is GetRenderBufferPos, a member of class TWindow.
◆	GetRenderHandle (see page 169)	This is GetRenderHandle, a member of class TWindow.
◆	GetRenderInfo (see page 169)	This is GetRenderInfo, a member of class TWindow.
◆	GetRenderScale (see page 169)	This is GetRenderScale, a member of class TWindow.
◆	GetRenderSize (see page 169)	This is GetRenderSize, a member of class TWindow.
◆	GetTitle (see page 170)	This is GetTitle, a member of class TWindow.
◆	GetVDPI (see page 170)	This is GetVDPI, a member of class TWindow.
◆	GetViewport (see page 170)	This is GetViewport, a member of class TWindow.
◆	GetWindowHandle (see page 170)	This is GetWindowHandle, a member of class TWindow.
◆	GetWindowSize (see page 170)	This is GetWindowSize, a member of class TWindow.
◆	IsOpen (see page 171)	This is IsOpen, a member of class TWindow.
◆	Open (see page 171)	This is Open, a member of class TWindow.
◆	Save (see page 171)	This is Save, a member of class TWindow.
◆	SetRenderBufferPos (see page 171)	This is SetRenderBufferPos, a member of class TWindow.
◆	SetTitle (see page 171)	This is SetTitle, a member of class TWindow.
◆	Show (see page 172)	This is Show, a member of class TWindow.
◆	ShowRenderBuffer (see page 172)	This is ShowRenderBuffer, a member of class TWindow.

1.1.35.1.1 TWindow.Clear

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Clear, a member of class TWindow.

1.1.35.1.2 TWindow.Close

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Close, a member of class TWindow.

1.1.35.1.3 TWindow.DrawFilledRect

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DrawFilledRect, a member of class TWindow.

1.1.35.1.4 TWindow.DrawLine

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DrawLine, a member of class TWindow.

1.1.35.1.5 TWindow.DrawPoint

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DrawPoint, a member of class TWindow.

1.1.35.1.6 TWindow.DrawRect

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is DrawRect, a member of class TWindow.

1.1.35.1.7 TWindow.GetDDPI

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetDDPI, a member of class TWindow.

1.1.35.1.8 TWindow.GetHDPI

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetHDPI, a member of class TWindow.

1.1.35.1.9 TWindow.GetRenderBufferPos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetRenderBufferPos, a member of class TWindow.

1.1.35.1.10 TWindow.GetRendererHandle

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetRendererHandle, a member of class TWindow.

1.1.35.1.11 TWindow.GetRendererInfo

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetRendererInfo, a member of class TWindow.

1.1.35.1.12 TWindow.GetRendererScale

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetRenderersScale, a member of class TWindow.

1.1.35.1.13 TWindow.GetRendererSize

File: DelphiGamekit.pas (see page 312)

Delphi

```
class function GetRendererSize: TPoint; static;
```

Description

This is GetRendererSize, a member of class TWindow.

1.1.35.1.14 TWindow.GetTitle

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetTitle, a member of class TWindow.

1.1.35.1.15 TWindow.GetVDPI

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetVDPI, a member of class TWindow.

1.1.35.1.16 TWindow.GetViewport

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetViewport, a member of class TWindow.

1.1.35.1.17 TWindow.GetWindowHandle

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetWindowHandle, a member of class TWindow.

1.1.35.1.18 TWindow.GetWindowSize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is GetWindowSize, a member of class TWindow.

1.1.35.1.19 TWindow.IsOpen

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is IsOpen, a member of class TWindow.

1.1.35.1.20 TWindow.Open

File: DelphiGamekit.pas (see page 312)

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.

1.1.35.1.21 TWindow.Save

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Save, a member of class TWindow.

1.1.35.1.22 TWindow.SetRenderBufferPos

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is SetRenderBufferPos, a member of class TWindow.

1.1.35.1.23 TWindow.SetTitle

File: DelphiGamekit.pas (see page 312)

Delphi

```
class procedure SetTitle(  
    const aTitle: string
```

```
); static;
```

Description

This is SetTitle, a member of class TWindow.

1.1.35.1.24 TWindow.Show

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Show, a member of class TWindow.

1.1.35.1.25 TWindow.ShowRenderBuffer

File: DelphiGamekit.pas (see page 312)

Delphi

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



Description

This is ShowRenderBuffer, a member of class TWindow.

1.1.35.2 TWindow Operators

The operators of the TWindow class are listed here.

Operators

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

1.1.35.2.1 TWindow.Finalize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Finalize, a member of class TWindow.

1.1.35.2.2 TWindow.Initialize

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is Initialize, a member of class TWindow.

1.2 Functions

The following table lists functions in this documentation.

Functions

◆	AddSelfToUserPath (see page 174)	This is function AddSelfToUserPath.
◆	AngleCos (see page 175)	This is function AngleCos.
◆	AngleDiff (see page 175)	This is function AngleDiff.
◆	AngleRotatePos (see page 175)	This is function AngleRotatePos.
◆	AngleSin (see page 175)	This is function AngleSin.
◆	CaptureConsoleOutput (see page 176)	This is function CaptureConsoleOutput.
◆	CircleInRectangle (see page 176)	This is function CircleInRectangle.
◆	CirclesOverlap (see page 176)	This is function CirclesOverlap.
◆	ClipVaLue (see page 177)	This is function ClipVaLue.
◆	ClipVaLuef (see page 177)	This is function ClipVaLuef.
◆	CreateDirsInPath (see page 177)	This is function CreateDirsInPath.
◆	EasePosition (see page 177)	This is function EasePosition.
◆	EaseValue (see page 178)	This is function EaseValue.
◆	ExpandRelDirectory (see page 178)	This is function ExpandRelDirectory.
◆	ExpandRelFilename (see page 178)	This is function ExpandRelFilename.
◆	ExtractRelativeDirectory (see page 179)	This is function ExtractRelativeDirectory.
◆	ExtractRelativeFilename (see page 179)	This is function ExtractRelativeFilename.
◆	FreeNilObject (see page 179)	This is function FreeNilObject.
◆	GetDirName (see page 179)	This is function GetDirName.
◆	GetEnvVarValue (see page 180)	This is function GetEnvVarValue.
◆	GetExeBasePath (see page 180)	This is function GetExeBasePath.
◆	GetExePath (see page 180)	This is function GetExePath.
◆	GetFileRWops (see page 180)	This is function GetFileRWops.
◆	GetMemRWops (see page 181)	This is function GetMemRWops.
◆	GetRandomSeed (see page 181)	This is function GetRandomSeed.
◆	GetSemVerStr (see page 181)	This is function GetSemVerStr.
◆	GetUUID (see page 181)	This is function GetUUID.
◆	GetVersionInfo (see page 182)	This is function GetVersionInfo.
◆	GetVersionInfo (see page 182)	This is function GetVersionInfo.
◆	HasConsoleOutput (see page 182)	This is function HasConsoleOutput.
◆	HttpGet (see page 182)	This is function HttpGet.
◆	IsCurrentDir (see page 183)	This is function IsCurrentDir.
◆	IsSingleInstance (see page 183)	This is function IsSingleInstance.
◆	IsValidFilename (see page 183)	This is function IsValidFilename.
◆	Lerp (see page 183)	This is function Lerp.
◆	LineIntersection (see page 184)	This is function LineIntersection.
◆	Pause (see page 184)	This is function Pause.
◆	PointInCircle (see page 184)	This is function PointInCircle.

◆	PointInRectangle (see page 184)	This is function PointInRectangle.
◆	PointInTriangle (see page 185)	This is function PointInTriangle.
◆	Print (see page 185)	This is function Print.
◆	Print (see page 185)	This is function Print.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	ProcessMessages (see page 186)	This is function ProcessMessages.
◆	RadiusOverlap (see page 187)	This is function RadiusOverlap.
◆	RandomBool (see page 187)	This is function RandomBool.
◆	RandomRange (see page 187)	This is function RandomRange.
◆	RandomRangeF (see page 187)	This is function RandomRangeF.
◆	ReadStringFromStream (see page 188)	This is function ReadStringFromStream.
◆	RectangleIntersection (see page 188)	This is function RectangleIntersection.
◆	RectanglesOverlap (see page 188)	This is function RectanglesOverlap.
◆	RemoveDuplicates (see page 188)	This is function RemoveDuplicates.
◆	RemoveDuplicates2 (see page 189)	This is function RemoveDuplicates2.
◆	RemoveQuotes (see page 189)	This is function RemoveQuotes.
◆	RemoveSelfFromUserPath (see page 189)	This is function RemoveSelfFromUserPath.
◆	ResourceExists (see page 189)	This is function ResourceExists.
◆	RunGame (see page 190)	This is function RunGame.
◆	SameSign (see page 190)	This is function SameSign.
◆	SameSignf (see page 190)	This is function SameSignf.
◆	SameVaLue (see page 190)	This is function SameVaLue.
◆	SameVaLuef (see page 191)	This is function SameVaLuef.
◆	SetEnvVarValue (see page 191)	This is function SetEnvVarValue.
◆	SetGlobalEnvironment (see page 191)	This is function SetGlobalEnvironment.
◆	SetRandomSeed (see page 191)	This is function SetRandomSeed.
◆	ShellOpen (see page 192)	This is function ShellOpen.
◆	SmoothMove (see page 192)	This is function SmoothMove.
◆	UnitToScalarValue (see page 192)	This is function UnitToScalarValue.
◆	WaitForAnyKey (see page 193)	This is function WaitForAnyKey.
◆	WasRunFromConsole (see page 193)	This is function WasRunFromConsole.
◆	WriteStringToStream (see page 193)	This is function WriteStringToStream.

1.2.1 AddSelfToUserPath

File: DelphiGamekit.pas (see page 312)

Delphi

```
function AddSelfToUserPath(
    var aUserPath: string
): Boolean;
```

Description

This is function AddSelfToUserPath.

1.2.2 AngleCos

File: DelphiGamekit.pas (see page 312)

Delphi

```
function AngleCos(  
    const aAngle: Cardinal  
): Single;
```

Description

This is function AngleCos.

1.2.3 AngleDiff

File: DelphiGamekit.pas (see page 312)

Delphi

```
function AngleDiff(  
    const aSrcAngle: Single;  
    const aDestAngle: Single  
): Single;
```

Description

This is function AngleDiff.

1.2.4 AngleRotatePos

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure AngleRotatePos(  
    const aAngle: Single;  
    var aX: Single;  
    var aY: Single  
);
```

Description

This is function AngleRotatePos.

1.2.5 AngleSin

File: DelphiGamekit.pas (see page 312)

Delphi

```
function AngleSin(  
    const aAngle: Cardinal
```

```
) : Single;
```

Description

This is function AngleSin.

1.2.6 CaptureConsoleOutput

File: DelphiGamekit.pas (see page 312)

Delphi

```
function CaptureConsoleOutput(  
    const aTitle: string;  
    const aCommand: PChar;  
    const aParameters: PChar;  
    const aSender: Pointer;  
    const aEvent: TCaptureConsoleOutputEvent  
): Cardinal;
```

Description

This is function CaptureConsoleOutput.

1.2.7 CircleInRectangle

File: DelphiGamekit.pas (see page 312)

Delphi

```
function CircleInRectangle(  
    aCenter: TVector;  
    aRadius: Single;  
    aRect: TRect  
): Boolean;
```

Description

This is function CircleInRectangle.

1.2.8 CirclesOverlap

File: DelphiGamekit.pas (see page 312)

Delphi

```
function CirclesOverlap(  
    aCenter1: TVector;  
    aRadius1: Single;  
    aCenter2: TVector;  
    aRadius2: Single  
): Boolean;
```

Description

This is function CirclesOverlap.

1.2.9 ClipVaLue

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ClipVaLue(  
    var aVaLue: Integer;  
    const aMin: Integer;  
    const aMax: Integer;  
    const aWrap: Boolean  
): Integer;
```

Description

This is function ClipVaLue.

1.2.10 ClipVaLuef

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ClipVaLuef(  
    var aVaLue: Single;  
    const aMin: Single;  
    const aMax: Single;  
    const aWrap: Boolean  
): Single;
```

Description

This is function ClipVaLuef.

1.2.11 CreateDirsInPath

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is function CreateDirsInPath.

1.2.12 EasePosition

File: DelphiGamekit.pas (see page 312)

Delphi

```
function EasePosition(  
    aStartPos: Double;  
    aEndPos: Double;
```

```
    aCurrentPos: Double;  
    aEaseType: TEaseType  
): Double;
```

Description

This is function EasePosition.

1.2.13 EaseValue

File: DelphiGamekit.pas (see page 312)

Delphi

```
function EaseValue(  
    aCurrentTime: Double;  
    aStartValue: Double;  
    aChangeInValue: Double;  
    aDuration: Double;  
    aEaseType: TEaseType  
): Double;
```

Description

This is function EaseValue.

1.2.14 ExpandRelDirectory

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ExpandRelDirectory(  
    const aBaseDir: string;  
    const aRelDir: string  
): string;
```

Description

This is function ExpandRelDirectory.

1.2.15 ExpandRelFilename

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ExpandRelFilename(  
    const aBaseFilename: string;  
    const aRelFilename: string  
): string;
```

Description

This is function ExpandRelFilename.

1.2.16 ExtractRelativeDirectory

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ExtractRelativeDirectory(  
    const aBaseDir: string;  
    const aDestDir: string  
): string;
```

Description

This is function ExtractRelativeDirectory.

1.2.17 ExtractRelativeFilename

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ExtractRelativeFilename(  
    aBaseFilename: string;  
    aDestFilename: string  
): string;
```

Description

This is function ExtractRelativeFilename.

1.2.18 FreeNilObject

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure FreeNilObject(  
    const [ ref ] aObject: TObject  
);
```

Description

This is function FreeNilObject.

1.2.19 GetDirName

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetDirName(  
    const aPath: string  
): string;
```

Description

This is function GetDirName.

1.2.20 GetEnvVarValue

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetEnvVarValue(  
    const aVarName: string  
): string;
```

Description

This is function GetEnvVarValue.

1.2.21 GetExeBasePath

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetExeBasePath(  
    const aFilename: string  
): string;
```

Description

This is function GetExeBasePath.

1.2.22 GetExePath

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetExePath: string;
```

Description

This is function GetExePath.

1.2.23 GetFileRWops

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is function GetFileRWops.

1.2.24 GetMemRWops

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetMemRWops(  
    const aMem: Pointer;  
    const aSize: Integer  
): PSDL_RWops;
```

Description

This is function GetMemRWops.

1.2.25 GetRandomSeed

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetRandomSeed: Integer;
```

Description

This is function GetRandomSeed.

1.2.26 GetSemVerStr

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetSemVerStr(  
    const aInstance: THandle  
): string;
```

Description

This is function GetSemVerStr.

1.2.27 GetUUID

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetUUID(  
    const aLowercase: Boolean = True;  
    const aUseSeperator: Boolean = False  
): string;
```

Description

This is function GetUUID.

1.2.28 GetVersionInfo

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetVersionInfo(  
    const aInstance: THandle;  
    const aIdent: string  
): string; overload;
```

Description

This is function GetVersionInfo.

1.2.29 GetVersionInfo

File: DelphiGamekit.pas (see page 312)

Delphi

```
function GetVersionInfo(  
    const aFilename: string;  
    const aIdent: string  
): string; overload;
```

Description

This is function GetVersionInfo.

1.2.30 HasConsoleOutput

File: DelphiGamekit.pas (see page 312)

Delphi

```
function HasConsoleOutput: Boolean;
```

Description

This is function HasConsoleOutput.

1.2.31 HttpGet

File: DelphiGamekit.pas (see page 312)

Delphi

```
function HttpGet(  
    const aURL: string;  
    const aStatus: PString = nil  
): string;
```

Description

This is function HttpGet.

1.2.32 IsCurrentDir

File: DelphiGamekit.pas (see page 312)

Delphi

```
function IsCurrentDir(  
    const aDirName: string  
): Boolean;
```

Description

This is function IsCurrentDir.

1.2.33 IsSingleInstance

File: DelphiGamekit.pas (see page 312)

Delphi

```
function IsSingleInstance(  
    aMutexName: string;  
    aKeepMutex: Boolean = True  
): Boolean;
```

Description

This is function IsSingleInstance.

1.2.34 IsValidFilename

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is function IsValidFilename.

1.2.35 Lerp

File: DelphiGamekit.pas (see page 312)

Delphi

```
function Lerp(  
    const aFrom: Double;  
    const aTo: Double;  
    const aTime: Double  
): Double;
```

Description

This is function Lerp.

1.2.36 LineIntersection

File: DelphiGamekit.pas (see page 312)

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.

1.2.37 Pause

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Pause(  
    const aMsg: string = ''  
);
```

Description

This is function Pause.

1.2.38 PointInCircle

File: DelphiGamekit.pas (see page 312)

Delphi

```
function PointInCircle(  
    aPoint: TVector;  
    aCenter: TVector;  
    aRadius: Single  
): Boolean;
```

Description

This is function PointInCircle.

1.2.39 PointInRectangle

File: DelphiGamekit.pas (see page 312)

Delphi

```
function PointInRectangle(  
    aPoint: TVector;  
    aRect: TRect  
): Boolean;
```

Description

This is function PointInRectangle.

1.2.40 PointInTriangle

File: DelphiGamekit.pas (see page 312)

Delphi

```
function PointInTriangle(  
    aPoint: TVector;  
    aP1: TVector;  
    aP2: TVector;  
    aP3: TVector  
): Boolean;
```

Description

This is function PointInTriangle.

1.2.41 Print

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure Print(  
    const aMsg: string  
); overload;
```

Description

This is function Print.

1.2.42 Print

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is function Print.

1.2.43 PrintLn

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure PrintLn; overload;
```

Description

This is function PrintLn.

1.2.44 PrintLn

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure PrintLn(  
    const aMsg: string  
); overload;
```

Description

This is function PrintLn.

1.2.45 PrintLn

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is function PrintLn.

1.2.46 ProcessMessages

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure ProcessMessages;
```

Description

This is function ProcessMessages.

1.2.47 RadiusOverlap

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RadiusOverlap(  
    aRadius1: Single;  
    aX1: Single;  
    aY1: Single;  
    aRadius2: Single;  
    aX2: Single;  
    aY2: Single;  
    aShrinkFactor: Single  
): Boolean;
```

Description

This is function RadiusOverlap.

1.2.48 RandomBool

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RandomBool: Boolean;
```

Description

This is function RandomBool.

1.2.49 RandomRange

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RandomRange(  
    const aMin: Integer;  
    const aMax: Integer  
): Integer;
```

Description

This is function RandomRange.

1.2.50 RandomRangef

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RandomRangef(  
    const aMin: Single;  
    const aMax: Single  
): Single;
```

Description

This is function RandomRangef.

1.2.51 ReadStringFromStream

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ReadStringFromStream(  
    const aStream: TStream  
): string;
```

Description

This is function ReadStringFromStream.

1.2.52 RectangleIntersection

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RectangleIntersection(  
    aRect1: TRect;  
    aRect2: TRect  
): TRect;
```

Description

This is function RectangleIntersection.

1.2.53 RectanglesOverlap

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RectanglesOverlap(  
    aRect1: TRect;  
    aRect2: TRect  
): Boolean;
```

Description

This is function RectanglesOverlap.

1.2.54 RemoveDuplicates

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RemoveDuplicates(  
    const aText: string  
): string;
```

Description

This is function RemoveDuplicates.

1.2.55 RemoveDuplicates2

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RemoveDuplicates2(  
    const aText: string  
): string;
```

Description

This is function RemoveDuplicates2.

1.2.56 RemoveQuotes

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RemoveQuotes(  
    const aText: string  
): string;
```

Description

This is function RemoveQuotes.

1.2.57 RemoveSelfFromUserPath

File: DelphiGamekit.pas (see page 312)

Delphi

```
function RemoveSelfFromUserPath(  
    var aUserPath: string  
): Boolean;
```

Description

This is function RemoveSelfFromUserPath.

1.2.58 ResourceExists

File: DelphiGamekit.pas (see page 312)

Delphi

```
function ResourceExists(  
    aInstance: THandle;  
    const aResName: string  
): Boolean;
```

Description

This is function ResourceExists.

1.2.59 RunGame

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure RunGame(  
    const aGame: TGameClass  
);
```

Description

This is function RunGame.

1.2.60 SameSign

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SameSign(  
    const aValue1: Integer;  
    const aValue2: Integer  
): Boolean;
```

Description

This is function SameSign.

1.2.61 SameSignf

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SameSignf(  
    const aValue1: Single;  
    const aValue2: Single  
): Boolean;
```

Description

This is function SameSignf.

1.2.62 SameVaLue

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SameVaLue(  
    const aA: Double;  
    const aB: Double;
```

```
    const aEpsilon: Double = 0
  ): Boolean;
```

Description

This is function SameVaLue.

1.2.63 SameVaLuef

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SameVaLuef(
  const aA: Single;
  const aB: Single;
  const aEpsilon: Single = 0
): Boolean;
```

Description

This is function SameVaLuef.

1.2.64 SetEnvVarValue

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SetEnvVarValue(
  const aVarName: string;
  const aVarValue: string
): Integer;
```

Description

This is function SetEnvVarValue.

1.2.65 SetGlobalEnvironment

File: DelphiGamekit.pas (see page 312)

Delphi

```
function SetGlobalEnvironment(
  const aName: string;
  const aValue: string;
  const aUser: Boolean = True
): Boolean;
```

Description

This is function SetGlobalEnvironment.

1.2.66 SetRandomSeed

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure SetRandomSeed(  
    const aValue: Integer  
);
```

Description

This is function SetRandomSeed.

1.2.67 ShellOpen

File: DelphiGamekit.pas (see page 312)

Delphi

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

Description

This is function ShellOpen.

1.2.68 SmoothMove

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure SmoothMove(  
    var aValue: Single;  
    const aAmount: Single;  
    const aMax: Single;  
    const aDrag: Single  
);
```

Description

This is function SmoothMove.

1.2.69 UnitToScalarValue

File: DelphiGamekit.pas (see page 312)

Delphi

```
function UnitToScalarValue(  
    const aValue: Double;  
    const aMaxValue: Double  
): Double;
```

Description

This is function UnitToScalarValue.

1.2.70 WaitForAnyKey

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure WaitForAnyKey;
```

Description

This is function WaitForAnyKey.

1.2.71 WasRunFromConsole

File: DelphiGamekit.pas (see page 312)

Delphi

```
function WasRunFromConsole: Boolean;
```

Description

This is function WasRunFromConsole.

1.2.72 WriteStringToStream

File: DelphiGamekit.pas (see page 312)

Delphi

```
procedure WriteStringToStream(  
    const aStream: TStream;  
    const aStr: string  
);
```








Description




This is function WriteStringToStream.

1.3 Structs, Records, Enums

The following table lists structs, records, enums in this documentation.

Enumerations

	TAudioFading (see page 194)	This is record TAudioFading.
	TBlendMode (see page 194)	This is record TBlendMode.
	TEaseType (see page 194)	This is record TEaseType.
	TFlipMode (see page 195)	This is record TFlipMode.
	THAlign (see page 195)	This is record THAlign.
	TLineIntersection (see page 195)	This is record TLineIntersection.
	TSpeechVoiceAttribute (see page 196)	This is record TSpeechVoiceAttribute.

	TTextureAccess (see page 196)	This is record TTextureAccess.
	TVAlign (see page 196)	This is record TVAlign.
	TVideoStatus (see page 196)	This is record TVideoStatus.

1.3.1 TAudioFading

File: DelphiGamekit.pas (see page 312)

Delphi

```
TAudioFading = (  
    afNone = 0,  
    afOut = 1,  
    afIn = 2  
);
```

Description

This is record TAudioFading.

1.3.2 TBlendMode

File: DelphiGamekit.pas (see page 312)

Delphi

```
TBlendMode = (  
    bmNone = 0,  
    bmBlend = 1,  
    bmAdd = 2,  
    bmMod = 4,  
    bmMul = 8,  
    bmInvalid = 2147483647  
);
```

Description

This is record TBlendMode.

1.3.3 TEaseType

File: DelphiGamekit.pas (see page 312)

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.

1.3.4 TFlipMode

File: DelphiGamekit.pas (see page 312)

Delphi

```
TFlipMode = (  
    fmNone = 0,  
    fmHorizontal = 1,  
    fmVertical = 2  
);
```

Description

This is record TFlipMode.

1.3.5 THAlign

File: DelphiGamekit.pas (see page 312)

Delphi

```
THAlign = (  
    haLeft,  
    haCenter,  
    haRight  
);
```

Description

This is record THAlign.

1.3.6 TLineIntersection

File: DelphiGamekit.pas (see page 312)

Delphi

```
TLineIntersection = (  
    liNone,  
    liTrue,  
    liParallel  
);
```

Description

This is record TLineIntersection.

1.3.7 TSpeechVoiceAttribute

File: DelphiGamekit.pas (see page 312)

Delphi

```
TSpeechVoiceAttribute = (  
    svaDescription,  
    svaName,  
    svaVendor,  
    svaAge,  
    svaGender,  
    svaLanguage,  
    svaId  
);
```

Description

This is record TSpeechVoiceAttribute.

1.3.8 TTextureAccess

File: DelphiGamekit.pas (see page 312)

Delphi

```
TTextureAccess = (  
    taStatic = 0,  
    taStreaming = 1,  
    taTarget = 2  
);
```

Description

This is record TTextureAccess.

1.3.9 TVAlign

File: DelphiGamekit.pas (see page 312)

Delphi

```
TVAlign = (  
    vaTop,  
    vaCenter,  
    vaBottom  
);
```

Description

This is record TVAlign.

1.3.10 TVideoStatus

File: DelphiGamekit.pas (see page 312)

Delphi

```
TVideoStatus = (  
    vsStopped = 0,  
    vsPlaying = 1,  
    vsPaused = 2  
);
```

Description

This is record TVideoStatus.

1.4 Types

The following table lists types in this documentation.

Types

PColor (see page 197)	This is type PColor.
PPoint (see page 197)	This is type PPoint.
PRect (see page 198)	This is type PRect.
PVector (see page 198)	This is type PVector.
PVideo (see page 198)	This is type PVideo.
TAsyncProc (see page 198)	This is type TAsyncProc.
TCaptureConsoleOutputEvent (see page 198)	This is type TCaptureConsoleOutputEvent.
TGameClass (see page 199)	This is type TGameClass.
TMusic (see page 199)	This is type TMusic.
TSound (see page 199)	This is type TSound.

1.4.1 PColor

File: DelphiGamekit.pas (see page 312)

Delphi

```
PColor = ^TColor;
```

Description

This is type PColor.

1.4.2 PPoint

File: DelphiGamekit.pas (see page 312)

Delphi

```
PPoint = ^TPoint;
```

Description

This is type PPoint.

1.4.3 PRect

File: DelphiGamekit.pas (see page 312)

Delphi

```
PRect = ^TRect;
```

Description

This is type PRect.

1.4.4 PVector

File: DelphiGamekit.pas (see page 312)

Delphi

```
PVector = ^TVector;
```

Description

This is type PVector.

1.4.5 PVideo

File: DelphiGamekit.pas (see page 312)

Delphi

```
PVideo = ^TVideo;
```

Description

This is type PVideo.

1.4.6 TAsyncProc

File: DelphiGamekit.pas (see page 312)

Delphi

```
TAsyncProc = reference to procedure;
```

Description

This is type TAsyncProc.

1.4.7 TCaptureConsoleOutputEvent

File: DelphiGamekit.pas (see page 312)

Delphi

```
TCaptureConsoleOutputEvent = procedure (aSender: Pointer; aLine: string);
```

Description

This is type TCaptureConsoleOutputEvent.

1.4.8 TGameClass

File: DelphiGamekit.pas (see page 312)

Delphi

```
TGameClass = class of TGame;
```

Description

This is type TGameClass.

1.4.9 TMusic

File: DelphiGamekit.pas (see page 312)

Delphi

```
TMusic = PMix_Music;
```

Description

This is type TMusic.

1.4.10 TSound

File: DelphiGamekit.pas (see page 312)

Delphi

```
TSound = PMix_Chunk;
```

Description

This is type TSound.

1.5 Variables

The following table lists variables in this documentation.

Variables

Game (see page 200)	This is variable Game.
Marshaller (see page 200)	This is variable Marshaller.

1.5.1 Game

File: DelphiGamekit.pas (see page 312)

Delphi

```
Game: TGame = nil;
```

Description

This is variable Game.

1.5.2 Marshaller

File: DelphiGamekit.pas (see page 312)

Delphi

```
Marshaller: TMarshaller;
```

Description

This is variable Marshaller.

1.6 Constants

The following table lists constants in this documentation.

Constants

ALICEBLUE (see page 210)	This is constant ALICEBLUE.
ANTIQUEWHITE (see page 210)	This is constant ANTIQUEWHITE.
AQUA (see page 210)	This is constant AQUA.
AQUAMARINE (see page 211)	This is constant AQUAMARINE.
ARCEXT (see page 211)	This is constant ARCEXT.
AUDIO_CHANNEL_DYNAMIC (see page 211)	This is constant AUDIO_CHANNEL_DYNAMIC.
AUDIO_CHANNEL_FADINGIN (see page 211)	This is constant AUDIO_CHANNEL_FADINGIN.
AUDIO_CHANNEL_FADINGOUT (see page 211)	This is constant AUDIO_CHANNEL_FADINGOUT.
AUDIO_CHANNEL_LOOP (see page 212)	This is constant AUDIO_CHANNEL_LOOP.
AUDIO_CHANNEL_MAX (see page 212)	This is constant AUDIO_CHANNEL_MAX.
AUDIO_CHANNEL_NOFADING (see page 212)	This is constant AUDIO_CHANNEL_NOFADING.
AZURE (see page 212)	This is constant AZURE.
BEIGE (see page 213)	This is constant BEIGE.
BISQUE (see page 213)	This is constant BISQUE.
BLACK (see page 213)	This is constant BLACK.
BLANCHEDALMOND (see page 213)	This is constant BLANCHEDALMOND.
BLANK (see page 213)	This is constant BLANK.
BLUE (see page 214)	This is constant BLUE.
BLUEVIOLET (see page 214)	This is constant BLUEVIOLET.

BROWN (see page 214)	This is constant BROWN.
BURLYWOOD (see page 214)	This is constant BURLYWOOD.
BUTTON_LEFT (see page 215)	This is constant BUTTON_LEFT.
BUTTON_MIDDLE (see page 215)	This is constant BUTTON_MIDDLE.
BUTTON_RIGHT (see page 215)	This is constant BUTTON_RIGHT.
BUTTON_X1 (see page 215)	This is constant BUTTON_X1.
BUTTON_X2 (see page 215)	This is constant BUTTON_X2.
CADETBBLUE (see page 216)	This is constant CADETBBLUE.
CHARTREUSE (see page 216)	This is constant CHARTREUSE.
CHOCOLATE (see page 216)	This is constant CHOCOLATE.
COLORKEY (see page 216)	This is constant COLORKEY.
CONTROLLER_AXIS_LEFTX (see page 217)	This is constant CONTROLLER_AXIS_LEFTX.
CONTROLLER_AXIS_LEFTY (see page 217)	This is constant CONTROLLER_AXIS_LEFTY.
CONTROLLER_AXIS_RIGHTX (see page 217)	This is constant CONTROLLER_AXIS_RIGHTX.
CONTROLLER_AXIS_RIGHTY (see page 217)	This is constant CONTROLLER_AXIS_RIGHTY.
CONTROLLER_AXIS_TRIGGERLEFT (see page 217)	This is constant CONTROLLER_AXIS_TRIGGERLEFT.
CONTROLLER_AXIS_TRIGGERRIGHT (see page 218)	This is constant CONTROLLER_AXIS_TRIGGERRIGHT.
CONTROLLER_BUTTON_A (see page 218)	This is constant CONTROLLER_BUTTON_A.
CONTROLLER_BUTTON_B (see page 218)	This is constant CONTROLLER_BUTTON_B.
CONTROLLER_BUTTON_BACK (see page 218)	This is constant CONTROLLER_BUTTON_BACK.
CONTROLLER_BUTTON_DPAD_DOWN (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_DOWN.
CONTROLLER_BUTTON_DPAD_LEFT (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_LEFT.
CONTROLLER_BUTTON_DPAD_RIGHT (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_RIGHT.
CONTROLLER_BUTTON_DPAD_UP (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_UP.
CONTROLLER_BUTTON_GUIDE (see page 219)	This is constant CONTROLLER_BUTTON_GUIDE.
CONTROLLER_BUTTON_LEFTSHOULDER (see page 220)	This is constant CONTROLLER_BUTTON_LEFTSHOULDER.
CONTROLLER_BUTTON_LEFTSTICK (see page 220)	This is constant CONTROLLER_BUTTON_LEFTSTICK.
CONTROLLER_BUTTON_MISC1 (see page 220)	This is constant CONTROLLER_BUTTON_MISC1.
CONTROLLER_BUTTON_PADDLE1 (see page 220)	This is constant CONTROLLER_BUTTON_PADDLE1.
CONTROLLER_BUTTON_PADDLE2 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE2.
CONTROLLER_BUTTON_PADDLE3 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE3.
CONTROLLER_BUTTON_PADDLE4 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE4.
CONTROLLER_BUTTON_RIGHTSHOULDER (see page 221)	This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.
CONTROLLER_BUTTON_RIGHTSTICK (see page 221)	This is constant CONTROLLER_BUTTON_RIGHTSTICK.
CONTROLLER_BUTTON_START (see page 222)	This is constant CONTROLLER_BUTTON_START.

CONTROLLER_BUTTON_TOUCHPAD (see page 222)	This is constant CONTROLLER_BUTTON_TOUCHPAD.
CONTROLLER_BUTTON_X (see page 222)	This is constant CONTROLLER_BUTTON_X.
CONTROLLER_BUTTON_Y (see page 222)	This is constant CONTROLLER_BUTTON_Y.
CORAL (see page 223)	This is constant CORAL.
CORNFLOWERBLUE (see page 223)	This is constant CORNFLOWERBLUE.
CORNSILK (see page 223)	This is constant CORNSILK.
CR (see page 223)	This is constant CR.
CRIMSON (see page 223)	This is constant CRIMSON.
CRLF (see page 224)	This is constant CRLF.
CYAN (see page 224)	This is constant CYAN.
DARKBLUE (see page 224)	This is constant DARKBLUE.
DARKCYAN (see page 224)	This is constant DARKCYAN.
DARKGOLDENROD (see page 225)	This is constant DARKGOLDENROD.
DARKGRAY (see page 225)	This is constant DARKGRAY.
DARKGREEN (see page 225)	This is constant DARKGREEN.
DARKGREY (see page 225)	This is constant DARKGREY.
DARKKHAKI (see page 225)	This is constant DARKKHAKI.
DARKMAGENTA (see page 226)	This is constant DARKMAGENTA.
DARKOLIVEGREEN (see page 226)	This is constant DARKOLIVEGREEN.
DARKORANGE (see page 226)	This is constant DARKORANGE.
DARKORCHID (see page 226)	This is constant DARKORCHID.
DARKRED (see page 227)	This is constant DARKRED.
DARKSALMON (see page 227)	This is constant DARKSALMON.
DARKSEAGREEN (see page 227)	This is constant DARKSEAGREEN.
DARKSLATEBLUE (see page 227)	This is constant DARKSLATEBLUE.
DARKSLATEBROWN (see page 227)	This is constant DARKSLATEBROWN.
DARKSLATEGRAY (see page 228)	This is constant DARKSLATEGRAY.
DARKTURQUOISE (see page 228)	This is constant DARKTURQUOISE.
DARKVIOLET (see page 228)	This is constant DARKVIOLET.
DEEPPINK (see page 228)	This is constant DEEPPINK.
DEEPSKYBLUE (see page 229)	This is constant DEEPSKYBLUE.
DEGTORAD (see page 229)	This is constant DEGTORAD.
DIMGRAY (see page 229)	This is constant DIMGRAY.
DIMWHITE (see page 229)	This is constant DIMWHITE.
DODGERBLUE (see page 229)	This is constant DODGERBLUE.
EPSILON (see page 230)	This is constant EPSILON.
FIREBRICK (see page 230)	This is constant FIREBRICK.
FLORALWHITE (see page 230)	This is constant FLORALWHITE.
FORESTGREEN (see page 230)	This is constant FORESTGREEN.
FUCHSIA (see page 231)	This is constant FUCHSIA.
GAINSBORO (see page 231)	This is constant GAINSBORO.
GHOSTWHITE (see page 231)	This is constant GHOSTWHITE.
GOLD (see page 231)	This is constant GOLD.
GOLDENROD (see page 231)	This is constant GOLDENROD.
GRAY (see page 232)	This is constant GRAY.
GREEN (see page 232)	This is constant GREEN.
GREENYELLOW (see page 232)	This is constant GREENYELLOW.
GREY (see page 232)	This is constant GREY.

HONEYDEW (see page 233)	This is constant HONEYDEW.
HOTPINK (see page 233)	This is constant HOTPINK.
INDIANRED (see page 233)	This is constant INDIANRED.
INDIGO (see page 233)	This is constant INDIGO.
INIEXT (see page 233)	This is constant INIEXT.
IVORY (see page 234)	This is constant IVORY.
KEY_0 (see page 234)	This is constant KEY_0.
KEY_1 (see page 234)	This is constant KEY_1.
KEY_2 (see page 234)	This is constant KEY_2.
KEY_3 (see page 235)	This is constant KEY_3.
KEY_4 (see page 235)	This is constant KEY_4.
KEY_5 (see page 235)	This is constant KEY_5.
KEY_6 (see page 235)	This is constant KEY_6.
KEY_7 (see page 235)	This is constant KEY_7.
KEY_8 (see page 236)	This is constant KEY_8.
KEY_9 (see page 236)	This is constant KEY_9.
KEY_A (see page 236)	This is constant KEY_A.
KEY_AC_BACK (see page 236)	This is constant KEY_AC_BACK.
KEY_AC_BOOKMARKS (see page 237)	This is constant KEY_AC_BOOKMARKS.
KEY_AC_FORWARD (see page 237)	This is constant KEY_AC_FORWARD.
KEY_AC_HOME (see page 237)	This is constant KEY_AC_HOME.
KEY_AC_REFRESH (see page 237)	This is constant KEY_AC_REFRESH.
KEY_AC_SEARCH (see page 237)	This is constant KEY_AC_SEARCH.
KEY_AC_STOP (see page 238)	This is constant KEY_AC_STOP.
KEY_AGAIN (see page 238)	This is constant KEY_AGAIN.
KEY_ALTERASE (see page 238)	This is constant KEY_ALTERASE.
KEY_APOSTROPHE (see page 238)	This is constant KEY_APOSTROPHE.
KEY_APP1 (see page 239)	This is constant KEY_APP1.
KEY_APP2 (see page 239)	This is constant KEY_APP2.
KEY_APPLICATION (see page 239)	This is constant KEY_APPLICATION.
KEY_AUDIOFASTFORWARD (see page 239)	This is constant KEY_AUDIOFASTFORWARD.
KEY_AUDIOMUTE (see page 239)	This is constant KEY_AUDIOMUTE.
KEY_AUDIONEXT (see page 240)	This is constant KEY_AUDIONEXT.
KEY_AUDIOPLAY (see page 240)	This is constant KEY_AUDIOPLAY.
KEY_AUDIOPREV (see page 240)	This is constant KEY_AUDIOPREV.
KEY_AUDIOREWIND (see page 240)	This is constant KEY_AUDIOREWIND.
KEY_AUDIOSTOP (see page 241)	This is constant KEY_AUDIOSTOP.
KEY_B (see page 241)	This is constant KEY_B.
KEY_BACKSLASH (see page 241)	This is constant KEY_BACKSLASH.
KEY_BACKSPACE (see page 241)	This is constant KEY_BACKSPACE.
KEY_BRIGHTNESSDOWN (see page 241)	This is constant KEY_BRIGHTNESSDOWN.
KEY_BRIGHTNESSUP (see page 242)	This is constant KEY_BRIGHTNESSUP.
KEY_C (see page 242)	This is constant KEY_C.
KEY_CALCULATOR (see page 242)	This is constant KEY_CALCULATOR.
KEY_CALL (see page 242)	This is constant KEY_CALL.
KEY_CANCEL (see page 243)	This is constant KEY_CANCEL.
KEY_CAPSLOCK (see page 243)	This is constant KEY_CAPSLOCK.
KEY_CLEAR (see page 243)	This is constant KEY_CLEAR.
KEY_CLEARAGAIN (see page 243)	This is constant KEY_CLEARAGAIN.

KEY_COMMA (see page 243)	This is constant KEY_COMMA.
KEY_COMPUTER (see page 244)	This is constant KEY_COMPUTER.
KEY_COPY (see page 244)	This is constant KEY_COPY.
KEY_CRSEL (see page 244)	This is constant KEY_CRSEL.
KEY_CURRENCYSUBUNIT (see page 244)	This is constant KEY_CURRENCYSUBUNIT.
KEY_CURRENCYUNIT (see page 245)	This is constant KEY_CURRENCYUNIT.
KEY_CUT (see page 245)	This is constant KEY_CUT.
KEY_D (see page 245)	This is constant KEY_D.
KEY_DECIMALSEPARATOR (see page 245)	This is constant KEY_DECIMALSEPARATOR.
KEY_DELETE (see page 245)	This is constant KEY_DELETE.
KEY_DISPLAYSWITCH (see page 246)	This is constant KEY_DISPLAYSWITCH.
KEY_DOWN (see page 246)	This is constant KEY_DOWN.
KEY_E (see page 246)	This is constant KEY_E.
KEY_EJECT (see page 246)	This is constant KEY_EJECT.
KEY_END (see page 247)	This is constant KEY_END.
KEY_ENDCALL (see page 247)	This is constant KEY_ENDCALL.
KEY_EQUALS (see page 247)	This is constant KEY_EQUALS.
KEY_ESCAPE (see page 247)	This is constant KEY_ESCAPE.
KEY_EXECUTE (see page 247)	This is constant KEY_EXECUTE.
KEY_F (see page 248)	This is constant KEY_F.
KEY_F1 (see page 248)	This is constant KEY_F1.
KEY_F10 (see page 248)	This is constant KEY_F10.
KEY_F11 (see page 248)	This is constant KEY_F11.
KEY_F12 (see page 249)	This is constant KEY_F12.
KEY_F13 (see page 249)	This is constant KEY_F13.
KEY_F14 (see page 249)	This is constant KEY_F14.
KEY_F15 (see page 249)	This is constant KEY_F15.
KEY_F16 (see page 249)	This is constant KEY_F16.
KEY_F17 (see page 250)	This is constant KEY_F17.
KEY_F18 (see page 250)	This is constant KEY_F18.
KEY_F19 (see page 250)	This is constant KEY_F19.
KEY_F2 (see page 250)	This is constant KEY_F2.
KEY_F20 (see page 251)	This is constant KEY_F20.
KEY_F21 (see page 251)	This is constant KEY_F21.
KEY_F22 (see page 251)	This is constant KEY_F22.
KEY_F23 (see page 251)	This is constant KEY_F23.
KEY_F24 (see page 251)	This is constant KEY_F24.
KEY_F3 (see page 252)	This is constant KEY_F3.
KEY_F4 (see page 252)	This is constant KEY_F4.
KEY_F5 (see page 252)	This is constant KEY_F5.
KEY_F6 (see page 252)	This is constant KEY_F6.
KEY_F7 (see page 253)	This is constant KEY_F7.
KEY_F8 (see page 253)	This is constant KEY_F8.
KEY_F9 (see page 253)	This is constant KEY_F9.
KEY_FIND (see page 253)	This is constant KEY_FIND.
KEY_G (see page 253)	This is constant KEY_G.
KEY_GRAVE (see page 254)	This is constant KEY_GRAVE.
KEY_H (see page 254)	This is constant KEY_H.
KEY_HELP (see page 254)	This is constant KEY_HELP.

KEY_HOME (see page 254)	This is constant KEY_HOME.
KEY_I (see page 255)	This is constant KEY_I.
KEY_INSERT (see page 255)	This is constant KEY_INSERT.
KEY_INTERNATIONAL1 (see page 255)	This is constant KEY_INTERNATIONAL1.
KEY_INTERNATIONAL2 (see page 255)	This is constant KEY_INTERNATIONAL2.
KEY_INTERNATIONAL3 (see page 255)	This is constant KEY_INTERNATIONAL3.
KEY_INTERNATIONAL4 (see page 256)	This is constant KEY_INTERNATIONAL4.
KEY_INTERNATIONAL5 (see page 256)	This is constant KEY_INTERNATIONAL5.
KEY_INTERNATIONAL6 (see page 256)	This is constant KEY_INTERNATIONAL6.
KEY_INTERNATIONAL7 (see page 256)	This is constant KEY_INTERNATIONAL7.
KEY_INTERNATIONAL8 (see page 257)	This is constant KEY_INTERNATIONAL8.
KEY_INTERNATIONAL9 (see page 257)	This is constant KEY_INTERNATIONAL9.
KEY_J (see page 257)	This is constant KEY_J.
KEY_K (see page 257)	This is constant KEY_K.
KEY_KBDILLUMDOWN (see page 257)	This is constant KEY_KBDILLUMDOWN.
KEY_KBDILLUMTOGGLE (see page 258)	This is constant KEY_KBDILLUMTOGGLE.
KEY_KBDILLUMUP (see page 258)	This is constant KEY_KBDILLUMUP.
KEY_KP_0 (see page 258)	This is constant KEY_KP_0.
KEY_KP_00 (see page 258)	This is constant KEY_KP_00.
KEY_KP_000 (see page 259)	This is constant KEY_KP_000.
KEY_KP_1 (see page 259)	This is constant KEY_KP_1.
KEY_KP_2 (see page 259)	This is constant KEY_KP_2.
KEY_KP_3 (see page 259)	This is constant KEY_KP_3.
KEY_KP_4 (see page 259)	This is constant KEY_KP_4.
KEY_KP_5 (see page 260)	This is constant KEY_KP_5.
KEY_KP_6 (see page 260)	This is constant KEY_KP_6.
KEY_KP_7 (see page 260)	This is constant KEY_KP_7.
KEY_KP_8 (see page 260)	This is constant KEY_KP_8.
KEY_KP_9 (see page 261)	This is constant KEY_KP_9.
KEY_KP_A (see page 261)	This is constant KEY_KP_A.
KEY_KP_AMPERSAND (see page 261)	This is constant KEY_KP_AMPERSAND.
KEY_KP_AT (see page 261)	This is constant KEY_KP_AT.
KEY_KP_B (see page 261)	This is constant KEY_KP_B.
KEY_KP_BACKSPACE (see page 262)	This is constant KEY_KP_BACKSPACE.
KEY_KP_BINARY (see page 262)	This is constant KEY_KP_BINARY.
KEY_KP_C (see page 262)	This is constant KEY_KP_C.
KEY_KP_CLEAR (see page 262)	This is constant KEY_KP_CLEAR.
KEY_KP_CLEARENTRY (see page 263)	This is constant KEY_KP_CLEARENTRY.
KEY_KP_COLON (see page 263)	This is constant KEY_KP_COLON.
KEY_KP_COMMA (see page 263)	This is constant KEY_KP_COMMA.
KEY_KP_D (see page 263)	This is constant KEY_KP_D.
KEY_KP_DBLAMPERSAND (see page 263)	This is constant KEY_KP_DBLAMPERSAND.
KEY_KP_DBLVERTICALBAR (see page 264)	This is constant KEY_KP_DBLVERTICALBAR.
KEY_KP_DECIMAL (see page 264)	This is constant KEY_KP_DECIMAL.
KEY_KP_DIVIDE (see page 264)	This is constant KEY_KP_DIVIDE.
KEY_KP_E (see page 264)	This is constant KEY_KP_E.
KEY_KP_ENTER (see page 265)	This is constant KEY_KP_ENTER.
KEY_KP_EQUALS (see page 265)	This is constant KEY_KP_EQUALS.
KEY_KP_EQUALSAS400 (see page 265)	This is constant KEY_KP_EQUALSAS400.

KEY_KP_EXCLAM (see page 265)	This is constant KEY_KP_EXCLAM.
KEY_KP_F (see page 265)	This is constant KEY_KP_F.
KEY_KP_GREATER (see page 266)	This is constant KEY_KP_GREATER.
KEY_KP_HASH (see page 266)	This is constant KEY_KP_HASH.
KEY_KP_HEXADECIMAL (see page 266)	This is constant KEY_KP_HEXADECIMAL.
KEY_KP_LEFTBRACE (see page 266)	This is constant KEY_KP_LEFTBRACE.
KEY_KP_LEFTPAREN (see page 267)	This is constant KEY_KP_LEFTPAREN.
KEY_KP_LESS (see page 267)	This is constant KEY_KP_LESS.
KEY_KP_MEMADD (see page 267)	This is constant KEY_KP_MEMADD.
KEY_KP_MEMCLEAR (see page 267)	This is constant KEY_KP_MEMCLEAR.
KEY_KP_MEMDIVIDE (see page 267)	This is constant KEY_KP_MEMDIVIDE.
KEY_KP_MEMMULTIPLY (see page 268)	This is constant KEY_KP_MEMMULTIPLY.
KEY_KP_MEMRECALL (see page 268)	This is constant KEY_KP_MEMRECALL.
KEY_KP_MEMSTORE (see page 268)	This is constant KEY_KP_MEMSTORE.
KEY_KP_MEMSUBTRACT (see page 268)	This is constant KEY_KP_MEMSUBTRACT.
KEY_KP_MINUS (see page 269)	This is constant KEY_KP_MINUS.
KEY_KP_MULTIPLY (see page 269)	This is constant KEY_KP_MULTIPLY.
KEY_KP_OCTAL (see page 269)	This is constant KEY_KP_OCTAL.
KEY_KP_PERCENT (see page 269)	This is constant KEY_KP_PERCENT.
KEY_KP_PERIOD (see page 269)	This is constant KEY_KP_PERIOD.
KEY_KP_PLUS (see page 270)	This is constant KEY_KP_PLUS.
KEY_KP_PLUSMINUS (see page 270)	This is constant KEY_KP_PLUSMINUS.
KEY_KP_POWER (see page 270)	This is constant KEY_KP_POWER.
KEY_KP_RIGHTBRACE (see page 270)	This is constant KEY_KP_RIGHTBRACE.
KEY_KP_RIGHTPAREN (see page 271)	This is constant KEY_KP_RIGHTPAREN.
KEY_KP_SPACE (see page 271)	This is constant KEY_KP_SPACE.
KEY_KP_TAB (see page 271)	This is constant KEY_KP_TAB.
KEY_KP_VERTICALBAR (see page 271)	This is constant KEY_KP_VERTICALBAR.
KEY_KP_XOR (see page 271)	This is constant KEY_KP_XOR.
KEY_L (see page 272)	This is constant KEY_L.
KEY_LALT (see page 272)	This is constant KEY_LALT.
KEY_LANG1 (see page 272)	This is constant KEY_LANG1.
KEY_LANG2 (see page 272)	This is constant KEY_LANG2.
KEY_LANG3 (see page 273)	This is constant KEY_LANG3.
KEY_LANG4 (see page 273)	This is constant KEY_LANG4.
KEY_LANG5 (see page 273)	This is constant KEY_LANG5.
KEY_LANG6 (see page 273)	This is constant KEY_LANG6.
KEY_LANG7 (see page 273)	This is constant KEY_LANG7.
KEY_LANG8 (see page 274)	This is constant KEY_LANG8.
KEY_LANG9 (see page 274)	This is constant KEY_LANG9.
KEY_LCTRL (see page 274)	This is constant KEY_LCTRL.
KEY_LEFT (see page 274)	This is constant KEY_LEFT.
KEY_LEFTBRACKET (see page 275)	This is constant KEY_LEFTBRACKET.
KEY_LGUI (see page 275)	This is constant KEY_LGUI.
KEY_LSHIFT (see page 275)	This is constant KEY_LSHIFT.
KEY_M (see page 275)	This is constant KEY_M.
KEY_MAIL (see page 275)	This is constant KEY_MAIL.
KEY_MEDIASELECT (see page 276)	This is constant KEY_MEDIASELECT.
KEY_MENU (see page 276)	This is constant KEY_MENU.

KEY_MINUS (see page 276)	This is constant KEY_MINUS.
KEY_MODE (see page 276)	This is constant KEY_MODE.
KEY_MUTE (see page 277)	This is constant KEY_MUTE.
KEY_N (see page 277)	This is constant KEY_N.
KEY_NONUSBACKSLASH (see page 277)	This is constant KEY_NONUSBACKSLASH.
KEY_NONUSHASH (see page 277)	This is constant KEY_NONUSHASH.
KEY_NUMLOCKCLEAR (see page 277)	This is constant KEY_NUMLOCKCLEAR.
KEY_O (see page 278)	This is constant KEY_O.
KEY_OPER (see page 278)	This is constant KEY_OPER.
KEY_OUT (see page 278)	This is constant KEY_OUT.
KEY_P (see page 278)	This is constant KEY_P.
KEY_PAGEDOWN (see page 279)	This is constant KEY_PAGEDOWN.
KEY_PAGEUP (see page 279)	This is constant KEY_PAGEUP.
KEY_PASTE (see page 279)	This is constant KEY_PASTE.
KEY_PAUSE (see page 279)	This is constant KEY_PAUSE.
KEY_PERIOD (see page 279)	This is constant KEY_PERIOD.
KEY_POWER (see page 280)	This is constant KEY_POWER.
KEY_PRINTSCREEN (see page 280)	This is constant KEY_PRINTSCREEN.
KEY_PRIOR (see page 280)	This is constant KEY_PRIOR.
KEY_Q (see page 280)	This is constant KEY_Q.
KEY_R (see page 281)	This is constant KEY_R.
KEY_RALT (see page 281)	This is constant KEY_RALT.
KEY_RCTRL (see page 281)	This is constant KEY_RCTRL.
KEY_RETURN (see page 281)	This is constant KEY_RETURN.
KEY_RETURN2 (see page 281)	This is constant KEY_RETURN2.
KEY_RGUI (see page 282)	This is constant KEY_RGUI.
KEY_RIGHT (see page 282)	This is constant KEY_RIGHT.
KEY_RIGHTBRACKET (see page 282)	This is constant KEY_RIGHTBRACKET.
KEY_RSHIFT (see page 282)	This is constant KEY_RSHIFT.
KEY_S (see page 283)	This is constant KEY_S.
KEY_SCROLLLOCK (see page 283)	This is constant KEY_SCROLLLOCK.
KEY_SELECT (see page 283)	This is constant KEY_SELECT.
KEY_SEMICOLON (see page 283)	This is constant KEY_SEMICOLON.
KEY_SEPARATOR (see page 283)	This is constant KEY_SEPARATOR.
KEY_SLASH (see page 284)	This is constant KEY_SLASH.
KEY_SLEEP (see page 284)	This is constant KEY_SLEEP.
KEY_SOFTLEFT (see page 284)	This is constant KEY_SOFTLEFT.
KEY_SOFTRIGHT (see page 284)	This is constant KEY_SOFTRIGHT.
KEY_SPACE (see page 285)	This is constant KEY_SPACE.
KEY_STOP (see page 285)	This is constant KEY_STOP.
KEY_SYSREQ (see page 285)	This is constant KEY_SYSREQ.
KEY_T (see page 285)	This is constant KEY_T.
KEY_TAB (see page 285)	This is constant KEY_TAB.
KEY_THOUSANDSSEPARATOR (see page 286)	This is constant KEY_THOUSANDSSEPARATOR.
KEY_U (see page 286)	This is constant KEY_U.
KEY_UNDO (see page 286)	This is constant KEY_UNDO.
KEY_UP (see page 286)	This is constant KEY_UP.
KEY_V (see page 287)	This is constant KEY_V.

KEY_VOLUMEDOWN (see page 287)	This is constant KEY_VOLUMEDOWN.
KEY_VOLUMEUP (see page 287)	This is constant KEY_VOLUMEUP.
KEY_W (see page 287)	This is constant KEY_W.
KEY_WWW (see page 287)	This is constant KEY_WWW.
KEY_X (see page 288)	This is constant KEY_X.
KEY_Y (see page 288)	This is constant KEY_Y.
KEY_Z (see page 288)	This is constant KEY_Z.
KHAKI (see page 288)	This is constant KHAKI.
LAVENDER (see page 289)	This is constant LAVENDER.
LAVENDERBLUSH (see page 289)	This is constant LAVENDERBLUSH.
LAWNGREEN (see page 289)	This is constant LAWNGREEN.
LEMONCHIFFON (see page 289)	This is constant LEMONCHIFFON.
LF (see page 289)	This is constant LF.
LIGHTBLUE (see page 290)	This is constant LIGHTBLUE.
LIGHTCORAL (see page 290)	This is constant LIGHTCORAL.
LIGHTCYAN (see page 290)	This is constant LIGHTCYAN.
LIGHTGOLDENRODYELLOW (see page 290)	This is constant LIGHTGOLDENRODYELLOW.
LIGHTGRAY (see page 291)	This is constant LIGHTGRAY.
LIGHTGREEN (see page 291)	This is constant LIGHTGREEN.
LIGHTGREY (see page 291)	This is constant LIGHTGREY.
LIGHTPINK (see page 291)	This is constant LIGHTPINK.
LIGHTSALMON (see page 291)	This is constant LIGHTSALMON.
LIGHTSEAGREEN (see page 292)	This is constant LIGHTSEAGREEN.
LIGHTSKYBLUE (see page 292)	This is constant LIGHTSKYBLUE.
LIGHTSLATEGRAY (see page 292)	This is constant LIGHTSLATEGRAY.
LIGHTSLATEGREY (see page 292)	This is constant LIGHTSLATEGREY.
LIGHTSTEELBLUE (see page 293)	This is constant LIGHTSTEELBLUE.
LIGHTYELLOW (see page 293)	This is constant LIGHTYELLOW.
LIME (see page 293)	This is constant LIME.
LIMEGREEN (see page 293)	This is constant LIMEGREEN.
LINEN (see page 293)	This is constant LINEN.
LOGEXT (see page 294)	This is constant LOGEXT.
LuSCANCODE_EXSEL (see page 294)	This is constant LuSCANCODE_EXSEL.
MAGENTA (see page 294)	This is constant MAGENTA.
MAROON (see page 294)	This is constant MAROON.
MEDIUMAQUAMARINE (see page 295)	This is constant MEDIUMAQUAMARINE.
MEDIUMBLUE (see page 295)	This is constant MEDIUMBLUE.
MEDIUMORCHID (see page 295)	This is constant MEDIUMORCHID.
MEDIUMPURPLE (see page 295)	This is constant MEDIUMPURPLE.
MEDIUMSEAGREEN (see page 295)	This is constant MEDIUMSEAGREEN.
MEDIUMSLATEBLUE (see page 296)	This is constant MEDIUMSLATEBLUE.
MEDIUMSPRINGGREEN (see page 296)	This is constant MEDIUMSPRINGGREEN.
MEDIUMTURQUOISE (see page 296)	This is constant MEDIUMTURQUOISE.
MEDIUMVIOLETRED (see page 296)	This is constant MEDIUMVIOLETRED.
MIDNIGHTBLUE (see page 297)	This is constant MIDNIGHTBLUE.
MINTCREAM (see page 297)	This is constant MINTCREAM.
MISTYROSE (see page 297)	This is constant MISTYROSE.
MOCCASIN (see page 297)	This is constant MOCCASIN.
MPGEXT (see page 297)	This is constant MPGEXT.

NAN (see page 298)	This is constant NAN.
NAVAJOWHITE (see page 298)	This is constant NAVAJOWHITE.
NAVY (see page 298)	This is constant NAVY.
OGGEXT (see page 298)	This is constant OGGEXT.
OLDLACE (see page 299)	This is constant OLDLACE.
OLIVE (see page 299)	This is constant OLIVE.
OLIVEDRAB (see page 299)	This is constant OLIVEDRAB.
ORANGE (see page 299)	This is constant ORANGE.
ORANGERED (see page 299)	This is constant ORANGERED.
ORCHID (see page 300)	This is constant ORCHID.
OVERLAY1 (see page 300)	This is constant OVERLAY1.
OVERLAY2 (see page 300)	This is constant OVERLAY2.
PALEGOLDENROD (see page 300)	This is constant PALEGOLDENROD.
PALEGREEN (see page 301)	This is constant PALEGREEN.
PALETURQUOISE (see page 301)	This is constant PALETURQUOISE.
PALEVIOLETRED (see page 301)	This is constant PALEVIOLETRED.
PAPAYAWHIP (see page 301)	This is constant PAPAYAWHIP.
PEACHPUFF (see page 301)	This is constant PEACHPUFF.
PERU (see page 302)	This is constant PERU.
PINK (see page 302)	This is constant PINK.
PLUM (see page 302)	This is constant PLUM.
PNGEXT (see page 302)	This is constant PNGEXT.
POWDERBLUE (see page 303)	This is constant POWDERBLUE.
PURPLE (see page 303)	This is constant PURPLE.
RADTODEG (see page 303)	This is constant RADTODEG.
REBECCAPURPLE (see page 303)	This is constant REBECCAPURPLE.
RED (see page 303)	This is constant RED.
RED2 (see page 304)	This is constant RED2.
ROSYBROWN (see page 304)	This is constant ROSYBROWN.
ROYALBLUE (see page 304)	This is constant ROYALBLUE.
SADDLEBROWN (see page 304)	This is constant SADDLEBROWN.
SALMON (see page 305)	This is constant SALMON.
SANDYBROWN (see page 305)	This is constant SANDYBROWN.
SEAGREEN (see page 305)	This is constant SEAGREEN.
SEASHELL (see page 305)	This is constant SEASHELL.
SIENNA (see page 305)	This is constant SIENNA.
SILVER (see page 306)	This is constant SILVER.
SKYBLUE (see page 306)	This is constant SKYBLUE.
SLATEBLUE (see page 306)	This is constant SLATEBLUE.
SLATEGRAY (see page 306)	This is constant SLATEGRAY.
SLATEGREY (see page 307)	This is constant SLATEGREY.
SNOW (see page 307)	This is constant SNOW.
SPRINGGREEN (see page 307)	This is constant SPRINGGREEN.
STEELBLUE (see page 307)	This is constant STEELBLUE.
TAN (see page 307)	This is constant TAN.
TEAL (see page 308)	This is constant TEAL.
THISTLE (see page 308)	This is constant THISTLE.
TIMER_FIXEDUPDATE_SPEED (see page 308)	This is constant TIMER_FIXEDUPDATE_SPEED.

TIMER_UPDATE_SPEED (see page 308)	This is constant TIMER_UPDATE_SPEED.
TOMATO (see page 309)	This is constant TOMATO.
TURQUOISE (see page 309)	This is constant TURQUOISE.
VERSION_MAJOR (see page 309)	This is constant VERSION_MAJOR.
VERSION_MINOR (see page 309)	This is constant VERSION_MINOR.
VERSION_PATCH (see page 309)	This is constant VERSION_PATCH.
VIDEO_SAMPLEBUFFERSIZE (see page 310)	This is constant VIDEO_SAMPLEBUFFERSIZE.
VIOLET (see page 310)	This is constant VIOLET.
WHEAT (see page 310)	This is constant WHEAT.
WHITE (see page 310)	This is constant WHITE.
WHITE2 (see page 311)	This is constant WHITE2.
WHITESMOKE (see page 311)	This is constant WHITESMOKE.
WINDOW_HEIGHT (see page 311)	This is constant WINDOW_HEIGHT.
WINDOW_WIDTH (see page 311)	This is constant WINDOW_WIDTH.
YELLOW (see page 311)	This is constant YELLOW.
YELLOWGREEN (see page 312)	This is constant YELLOWGREEN.

1.6.1 ALICEBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
ALICEBLUE: TColor = (Red:$F0; Green:$F8; BBlue:$FF; Alpha:$FF);
```

Description

This is constant ALICEBLUE.

1.6.2 ANTIQUEWHITE

File: DelphiGamekit.pas (see page 312)

Delphi

```
ANTIQUWHITE: TColor = (Red:$FA; Green:$EB; BBlue:$D7; Alpha:$FF);
```

Description

This is constant ANTIQUEWHITE.

1.6.3 AQUA

File: DelphiGamekit.pas (see page 312)

Delphi

```
AQUA: TColor = (Red:$00; Green:$FF; BBlue:$FF; Alpha:$FF);
```

Description

This is constant AQUA.

1.6.4 AQUAMARINE

File: DelphiGamekit.pas (see page 312)

Delphi

```
AQUAMARINE: TColor = (Red:$7F; Green:$FF; BLue:$D4; Alpha:$FF);
```

Description

This is constant AQUAMARINE.

1.6.5 ARCEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
ARCEXT = 'arc';
```

Description

This is constant ARCEXT.

1.6.6 AUDIO_CHANNEL_DYNAMIC

File: DelphiGamekit.pas (see page 312)

Delphi

```
AUDIO_CHANNEL_DYNAMIC = -1;
```

Description

This is constant AUDIO_CHANNEL_DYNAMIC.

1.6.7 AUDIO_CHANNEL_FADINGIN

File: DelphiGamekit.pas (see page 312)

Delphi

```
AUDIO_CHANNEL_FADINGIN = 2;
```

Description

This is constant AUDIO_CHANNEL_FADINGIN.

1.6.8 AUDIO_CHANNEL_FADINGOUT

File: DelphiGamekit.pas (see page 312)

Delphi

```
AUDIO_CHANNEL_FADINGOUT = 1;
```

Description

This is constant AUDIO_CHANNEL_FADINGOUT.

1.6.9 AUDIO_CHANNEL_LOOP

File: DelphiGamekit.pas (see page 312)

Delphi

```
AUDIO_CHANNEL_LOOP = -1;
```

Description

This is constant AUDIO_CHANNEL_LOOP.

1.6.10 AUDIO_CHANNEL_MAX

File: DelphiGamekit.pas (see page 312)

Delphi

```
AUDIO_CHANNEL_MAX = 16;
```

Description

This is constant AUDIO_CHANNEL_MAX.

1.6.11 AUDIO_CHANNEL_NOFADING

File: DelphiGamekit.pas (see page 312)

Delphi

```
AUDIO_CHANNEL_NOFADING = 0;
```

Description

This is constant AUDIO_CHANNEL_NOFADING.

1.6.12 AZURE

File: DelphiGamekit.pas (see page 312)

Delphi

```
AZURE: TColor = (Red:$F0; Green:$FF; BBlue:$FF; Alpha:$FF);
```

Description

This is constant AZURE.

1.6.13 BEIGE

File: DelphiGamekit.pas (see page 312)

Delphi

```
BEIGE: TColor = (Red:$F5; Green:$F5; BLue:$DC; Alpha:$FF);
```

Description

This is constant BEIGE.

1.6.14 BISQUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
BISQUE: TColor = (Red:$FF; Green:$E4; BLue:$C4; Alpha:$FF);
```

Description

This is constant BISQUE.

1.6.15 BLACK

File: DelphiGamekit.pas (see page 312)

Delphi

```
BLACK: TColor = (Red:$00; Green:$00; BLue:$00; Alpha:$FF);
```

Description

This is constant BLACK.

1.6.16 BLANCHEDALMOND

File: DelphiGamekit.pas (see page 312)

Delphi

```
BLANCHEDALMOND: TColor = (Red:$FF; Green:$EB; BLue:$CD; Alpha:$FF);
```

Description

This is constant BLANCHEDALMOND.

1.6.17 BLANK

File: DelphiGamekit.pas (see page 312)

Delphi

```
BLANK: TColor = (Red:$00; Green:$00; BBlue:$00; Alpha:$00);
```

Description

This is constant BLANK.

1.6.18 BLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
BLUE: TColor = (Red:$00; Green:$00; BBlue:$FF; Alpha:$FF);
```

Description

This is constant BLUE.

1.6.19 BLUEVIOLET

File: DelphiGamekit.pas (see page 312)

Delphi

```
BLUEVIOLET: TColor = (Red:$8A; Green:$2B; BBlue:$E2; Alpha:$FF);
```

Description

This is constant BLUEVIOLET.

1.6.20 BROWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
BROWN: TColor = (Red:$A5; Green:$2A; BBlue:$2A; Alpha:$FF);
```

Description

This is constant BROWN.

1.6.21 BURLYWOOD

File: DelphiGamekit.pas (see page 312)

Delphi

```
BURLYWOOD: TColor = (Red:$DE; Green:$B8; BBlue:$87; Alpha:$FF);
```

Description

This is constant BURLYWOOD.

1.6.22 BUTTON_LEFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
BUTTON_LEFT = 1;
```

Description

This is constant BUTTON_LEFT.

1.6.23 BUTTON_MIDDLE

File: DelphiGamekit.pas (see page 312)

Delphi

```
BUTTON_MIDDLE = 2;
```

Description

This is constant BUTTON_MIDDLE.

1.6.24 BUTTON_RIGHT

File: DelphiGamekit.pas (see page 312)

Delphi

```
BUTTON_RIGHT = 3;
```

Description

This is constant BUTTON_RIGHT.

1.6.25 BUTTON_X1

File: DelphiGamekit.pas (see page 312)

Delphi

```
BUTTON_X1 = 4;
```

Description

This is constant BUTTON_X1.

1.6.26 BUTTON_X2

File: DelphiGamekit.pas (see page 312)

Delphi

```
BUTTON_X2 = 5;
```

Description

This is constant BUTTON_X2.

1.6.27 CADETBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
CADETBLUE: TColor = (Red:$5F; Green:$9E; BBlue:$A0; Alpha:$FF);
```

Description

This is constant CADETBLUE.

1.6.28 CHARTREUSE

File: DelphiGamekit.pas (see page 312)

Delphi

```
CHARTREUSE: TColor = (Red:$7F; Green:$FF; BBlue:$00; Alpha:$FF);
```

Description

This is constant CHARTREUSE.

1.6.29 CHOCOLATE

File: DelphiGamekit.pas (see page 312)

Delphi

```
CHOCOLATE: TColor = (Red:$D2; Green:$69; BBlue:$1E; Alpha:$FF);
```

Description

This is constant CHOCOLATE.

1.6.30 COLORKEY

File: DelphiGamekit.pas (see page 312)

Delphi

```
COLORKEY: TColor = (Red:$FF; Green:$00; BBlue:$FF; Alpha:$FF);
```

Description

This is constant COLORKEY.

1.6.31 CONTROLLER_AXIS_LEFTX

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_AXIS_LEFTX = 0;
```

Description

This is constant CONTROLLER_AXIS_LEFTX.

1.6.32 CONTROLLER_AXIS_LEFTY

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_AXIS_LEFTY = 1;
```

Description

This is constant CONTROLLER_AXIS_LEFTY.

1.6.33 CONTROLLER_AXIS_RIGHTX

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_AXIS_RIGHTX = 2;
```

Description

This is constant CONTROLLER_AXIS_RIGHTX.

1.6.34 CONTROLLER_AXIS_RIGHTY

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_AXIS_RIGHTY = 3;
```

Description

This is constant CONTROLLER_AXIS_RIGHTY.

1.6.35 CONTROLLER_AXIS_TRIGGERLEFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_AXIS_TRIGGERLEFT = 4;
```

Description

This is constant CONTROLLER_AXIS_TRIGGERLEFT.

1.6.36 CONTROLLER_AXIS_TRIGGERRIGHT

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_AXIS_TRIGGERRIGHT = 5;
```

Description

This is constant CONTROLLER_AXIS_TRIGGERRIGHT.

1.6.37 CONTROLLER_BUTTON_A

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_A = 0;
```

Description

This is constant CONTROLLER_BUTTON_A.

1.6.38 CONTROLLER_BUTTON_B

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_B = 1;
```

Description

This is constant CONTROLLER_BUTTON_B.

1.6.39 CONTROLLER_BUTTON_BACK

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_BACK = 4;
```

Description

This is constant CONTROLLER_BUTTON_BACK.

1.6.40 CONTROLLER_BUTTON_DPAD_DOWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_DPAD_DOWN = 12;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_DOWN.

1.6.41 CONTROLLER_BUTTON_DPAD_LEFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_DPAD_LEFT = 13;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_LEFT.

1.6.42 CONTROLLER_BUTTON_DPAD_RIGHT

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_DPAD_RIGHT = 14;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_RIGHT.

1.6.43 CONTROLLER_BUTTON_DPAD_UP

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_DPAD_UP = 11;
```

Description

This is constant CONTROLLER_BUTTON_DPAD_UP.

1.6.44 CONTROLLER_BUTTON_GUIDE

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_GUIDE = 5;
```

Description

This is constant CONTROLLER_BUTTON_GUIDE.

1.6.45 CONTROLLER_BUTTON_LEFTSHOULDER

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_LEFTSHOULDER = 9;
```

Description

This is constant CONTROLLER_BUTTON_LEFTSHOULDER.

1.6.46 CONTROLLER_BUTTON_LEFTSTICK

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_LEFTSTICK = 7;
```

Description

This is constant CONTROLLER_BUTTON_LEFTSTICK.

1.6.47 CONTROLLER_BUTTON_MISC1

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_MISC1 = 15;
```

Description

This is constant CONTROLLER_BUTTON_MISC1.

1.6.48 CONTROLLER_BUTTON_PADDLE1

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_PADDLE1 = 16;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE1.

1.6.49 CONTROLLER_BUTTON_PADDLE2

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_PADDLE2 = 17;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE2.

1.6.50 CONTROLLER_BUTTON_PADDLE3

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_PADDLE3 = 18;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE3.

1.6.51 CONTROLLER_BUTTON_PADDLE4

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_PADDLE4 = 19;
```

Description

This is constant CONTROLLER_BUTTON_PADDLE4.

1.6.52 CONTROLLER_BUTTON_RIGHTSHOULDER

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_RIGHTSHOULDER = 10;
```

Description

This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.

1.6.53 CONTROLLER_BUTTON_RIGHTSTICK

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_RIGHTSTICK = 8;
```

Description

This is constant CONTROLLER_BUTTON_RIGHTSTICK.

1.6.54 CONTROLLER_BUTTON_START

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_START = 6;
```

Description

This is constant CONTROLLER_BUTTON_START.

1.6.55 CONTROLLER_BUTTON_TOUCHPAD

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_TOUCHPAD = 20;
```

Description

This is constant CONTROLLER_BUTTON_TOUCHPAD.

1.6.56 CONTROLLER_BUTTON_X

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_X = 2;
```

Description

This is constant CONTROLLER_BUTTON_X.

1.6.57 CONTROLLER_BUTTON_Y

File: DelphiGamekit.pas (see page 312)

Delphi

```
CONTROLLER_BUTTON_Y = 3;
```

Description

This is constant CONTROLLER_BUTTON_Y.

1.6.58 CORAL

File: DelphiGamekit.pas (see page 312)

Delphi

```
CORAL: TColor = (Red:$FF; Green:$7F; BBlue:$50; Alpha:$FF);
```

Description

This is constant CORAL.

1.6.59 CORNFLOWERBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
CORNFLOWERBLUE: TColor = (Red:$64; Green:$95; BBlue:$ED; Alpha:$FF);
```

Description

This is constant CORNFLOWERBLUE.

1.6.60 CORNSILK

File: DelphiGamekit.pas (see page 312)

Delphi

```
CORNSILK: TColor = (Red:$FF; Green:$F8; BBlue:$DC; Alpha:$FF);
```

Description

This is constant CORNSILK.

1.6.61 CR

File: DelphiGamekit.pas (see page 312)

Delphi

```
CR = #10;
```

Description

This is constant CR.

1.6.62 CRIMSON

File: DelphiGamekit.pas (see page 312)

Delphi

```
CRIMSON: TColor = (Red:$DC; Green:$14; BBlue:$3C; Alpha:$FF);
```

Description

This is constant CRIMSON.

1.6.63 CRLF

File: DelphiGamekit.pas (see page 312)

Delphi

```
CRLF = CR+LF;
```

Description

This is constant CRLF.

1.6.64 CYAN

File: DelphiGamekit.pas (see page 312)

Delphi

```
CYAN: TColor = (Red:$00; Green:$FF; BBlue:$FF; Alpha:$FF);
```

Description

This is constant CYAN.

1.6.65 DARKBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKBLUE: TColor = (Red:$00; Green:$00; BBlue:$8B; Alpha:$FF);
```

Description

This is constant DARKBLUE.

1.6.66 DARKCYAN

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKCYAN: TColor = (Red:$00; Green:$8B; BBlue:$8B; Alpha:$FF);
```

Description

This is constant DARKCYAN.

1.6.67 DARKGOLDENROD

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKGOLDENROD: TColor = (Red:$B8; Green:$86; BLue:$0B; Alpha:$FF);
```

Description

This is constant DARKGOLDENROD.

1.6.68 DARKGRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKGRAY: TColor = (Red:$A9; Green:$A9; BLue:$A9; Alpha:$FF);
```

Description

This is constant DARKGRAY.

1.6.69 DARKGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKGREEN: TColor = (Red:$00; Green:$64; BLue:$00; Alpha:$FF);
```

Description

This is constant DARKGREEN.

1.6.70 DARKGREY

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKGREY: TColor = (Red:$A9; Green:$A9; BLue:$A9; Alpha:$FF);
```

Description

This is constant DARKGREY.

1.6.71 DARKKHAKI

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKKHAKI: TColor = (Red:$BD; Green:$B7; BLue:$6B; Alpha:$FF);
```

Description

This is constant DARKKHAKI.

1.6.72 DARKMAGENTA

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKMAGENTA: TColor = (Red:$8B; Green:$00; BLue:$8B; Alpha:$FF);
```

Description

This is constant DARKMAGENTA.

1.6.73 DARKLIVEGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKLIVEGREEN: TColor = (Red:$55; Green:$6B; BLue:$2F; Alpha:$FF);
```

Description

This is constant DARKLIVEGREEN.

1.6.74 DARKORANGE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKORANGE: TColor = (Red:$FF; Green:$8C; BLue:$00; Alpha:$FF);
```

Description

This is constant DARKORANGE.

1.6.75 DARKORCHID

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKORCHID: TColor = (Red:$99; Green:$32; BLue:$CC; Alpha:$FF);
```

Description

This is constant DARKORCHID.

1.6.76 DARKRED

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKRED: TColor = (Red:$8B; Green:$00; BBlue:$00; Alpha:$FF);
```

Description

This is constant DARKRED.

1.6.77 DARKSALMON

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKSALMON: TColor = (Red:$E9; Green:$96; BBlue:$7A; Alpha:$FF);
```

Description

This is constant DARKSALMON.

1.6.78 DARKSEAGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKSEAGREEN: TColor = (Red:$8F; Green:$BC; BBlue:$8F; Alpha:$FF);
```

Description

This is constant DARKSEAGREEN.

1.6.79 DARKSLATEBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKSLATEBLUE: TColor = (Red:$48; Green:$3D; BBlue:$8B; Alpha:$FF);
```

Description

This is constant DARKSLATEBLUE.

1.6.80 DARKSLATEBROWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKSLATEBROWN: TColor = (Red:30; Green:31; BLue:30; Alpha:1);
```

Description

This is constant DARKSLATEBROWN.

1.6.81 DARKSLATEGRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKSLATEGRAY: TColor = (Red:$2F; Green:$4F; BLue:$4F; Alpha:$FF);
```

Description

This is constant DARKSLATEGRAY.

1.6.82 DARKTURQUOISE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKTURQUOISE: TColor = (Red:$00; Green:$CE; BLue:$D1; Alpha:$FF);
```

Description

This is constant DARKTURQUOISE.

1.6.83 DARKVIOLET

File: DelphiGamekit.pas (see page 312)

Delphi

```
DARKVIOLET: TColor = (Red:$94; Green:$00; BLue:$D3; Alpha:$FF);
```

Description

This is constant DARKVIOLET.

1.6.84 DEEPPINK

File: DelphiGamekit.pas (see page 312)

Delphi

```
DEEPPINK: TColor = (Red:$FF; Green:$14; BLue:$93; Alpha:$FF);
```

Description

This is constant DEEPPINK.

1.6.85 DEEPSKYBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DEEPSKYBLUE: TColor = (Red:$00; Green:$BF; BLue:$FF; Alpha:$FF);
```

Description

This is constant DEEPSKYBLUE.

1.6.86 DEGTORAD

File: DelphiGamekit.pas (see page 312)

Delphi

```
DEGTORAD = PI / 180.0;
```

Description

This is constant DEGTORAD.

1.6.87 DIMGRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
DIMGRAY: TColor = (Red:$69; Green:$69; BLue:$69; Alpha:$FF);
```

Description

This is constant DIMGRAY.

1.6.88 DIMWHITE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DIMWHITE: TColor = (Red:$10; Green:$10; BLue:$10; Alpha:$10);
```

Description

This is constant DIMWHITE.

1.6.89 DODGERBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
DODGERBLUE: TColor = (Red:$1E; Green:$90; BLue:$FF; Alpha:$FF);
```

Description

This is constant DODGERBLUE.

1.6.90 EPSILON

File: DelphiGamekit.pas (see page 312)

Delphi

```
EPSILON = 0.00001;
```

Description

This is constant EPSILON.

1.6.91 FIREBRICK

File: DelphiGamekit.pas (see page 312)

Delphi

```
FIREBRICK: TColor = (Red:$B2; Green:$22; BLue:$22; Alpha:$FF);
```

Description

This is constant FIREBRICK.

1.6.92 FLORALWHITE

File: DelphiGamekit.pas (see page 312)

Delphi

```
FLORALWHITE: TColor = (Red:$FF; Green:$FA; BLue:$F0; Alpha:$FF);
```

Description

This is constant FLORALWHITE.

1.6.93 FORESTGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
FORESTGREEN: TColor = (Red:$22; Green:$8B; BLue:$22; Alpha:$FF);
```

Description

This is constant FORESTGREEN.

1.6.94 FUCHSIA

File: DelphiGamekit.pas (see page 312)

Delphi

```
FUCHSIA: TColor = (Red:$FF; Green:$00; BBlue:$FF; Alpha:$FF);
```

Description

This is constant FUCHSIA.

1.6.95 GAINSBORO

File: DelphiGamekit.pas (see page 312)

Delphi

```
GAINSBORO: TColor = (Red:$DC; Green:$DC; BBlue:$DC; Alpha:$FF);
```

Description

This is constant GAINSBORO.

1.6.96 GHOSTWHITE

File: DelphiGamekit.pas (see page 312)

Delphi

```
GHOSTWHITE: TColor = (Red:$F8; Green:$F8; BBlue:$FF; Alpha:$FF);
```

Description

This is constant GHOSTWHITE.

1.6.97 GOLD

File: DelphiGamekit.pas (see page 312)

Delphi

```
GOLD: TColor = (Red:$FF; Green:$D7; BBlue:$00; Alpha:$FF);
```

Description

This is constant GOLD.

1.6.98 GOLDENROD

File: DelphiGamekit.pas (see page 312)

Delphi

```
GOLDENROD: TColor = (Red:$DA; Green:$A5; BBlue:$20; Alpha:$FF);
```

Description

This is constant GOLDENROD.

1.6.99 GRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
GRAY: TColor = (Red:$80; Green:$80; BBlue:$80; Alpha:$FF);
```

Description

This is constant GRAY.

1.6.100 GREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
GREEN: TColor = (Red:$00; Green:$80; BBlue:$00; Alpha:$FF);
```

Description

This is constant GREEN.

1.6.101 GREENYELLOW

File: DelphiGamekit.pas (see page 312)

Delphi

```
GREENYELLOW: TColor = (Red:$AD; Green:$FF; BBlue:$2F; Alpha:$FF);
```

Description

This is constant GREENYELLOW.

1.6.102 GREY

File: DelphiGamekit.pas (see page 312)

Delphi

```
GREY: TColor = (Red:$80; Green:$80; BBlue:$80; Alpha:$FF);
```

Description

This is constant GREY.

1.6.103 HONEYDEW

File: DelphiGamekit.pas (see page 312)

Delphi

```
HONEYDEW: TColor = (Red:$F0; Green:$FF; BBlue:$F0; Alpha:$FF);
```

Description

This is constant HONEYDEW.

1.6.104 HOTPINK

File: DelphiGamekit.pas (see page 312)

Delphi

```
HOTPINK: TColor = (Red:$FF; Green:$69; BBlue:$B4; Alpha:$FF);
```

Description

This is constant HOTPINK.

1.6.105 INDIANRED

File: DelphiGamekit.pas (see page 312)

Delphi

```
INDIANRED: TColor = (Red:$CD; Green:$5C; BBlue:$5C; Alpha:$FF);
```

Description

This is constant INDIANRED.

1.6.106 INDIGO

File: DelphiGamekit.pas (see page 312)

Delphi

```
INDIGO: TColor = (Red:$4B; Green:$00; BBlue:$82; Alpha:$FF);
```

Description

This is constant INDIGO.

1.6.107 INIEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
INIEXT = 'ini';
```

Description

This is constant INIEXT.

1.6.108 IVORY

File: DelphiGamekit.pas (see page 312)

Delphi

```
IVORY: TColor = (Red:$FF; Green:$FF; BLue:$F0; Alpha:$FF);
```

Description

This is constant IVORY.

1.6.109 KEY_0

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_0 = 39;
```

Description

This is constant KEY_0.

1.6.110 KEY_1

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_1 = 30;
```

Description

This is constant KEY_1.

1.6.111 KEY_2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_2 = 31;
```

Description

This is constant KEY_2.

1.6.112 KEY_3

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_3 = 32;
```

Description

This is constant KEY_3.

1.6.113 KEY_4

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_4 = 33;
```

Description

This is constant KEY_4.

1.6.114 KEY_5

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_5 = 34;
```

Description

This is constant KEY_5.

1.6.115 KEY_6

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_6 = 35;
```

Description

This is constant KEY_6.

1.6.116 KEY_7

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_7 = 36;
```

Description

This is constant KEY_7.

1.6.117 KEY_8

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_8 = 37;
```

Description

This is constant KEY_8.

1.6.118 KEY_9

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_9 = 38;
```

Description

This is constant KEY_9.

1.6.119 KEY_A

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_A = 4;
```

Description

This is constant KEY_A.

1.6.120 KEY_AC_BACK

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_BACK = 270;
```

Description

This is constant KEY_AC_BACK.

1.6.121 KEY_AC_BOOKMARKS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_BOOKMARKS = 274;
```

Description

This is constant KEY_AC_BOOKMARKS.

1.6.122 KEY_AC_FORWARD

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_FORWARD = 271;
```

Description

This is constant KEY_AC_FORWARD.

1.6.123 KEY_AC_HOME

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_HOME = 269;
```

Description

This is constant KEY_AC_HOME.

1.6.124 KEY_AC_REFRESH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_REFRESH = 273;
```

Description

This is constant KEY_AC_REFRESH.

1.6.125 KEY_AC_SEARCH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_SEARCH = 268;
```

Description

This is constant KEY_AC_SEARCH.

1.6.126 KEY_AC_STOP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AC_STOP = 272;
```

Description

This is constant KEY_AC_STOP.

1.6.127 KEY_AGAIN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AGAIN = 121;
```

Description

This is constant KEY_AGAIN.

1.6.128 KEY_ALTERASE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_ALTERASE = 153;
```

Description

This is constant KEY_ALTERASE.

1.6.129 KEY_APOSTROPHE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_APOSTROPHE = 52;
```

Description

This is constant KEY_APOSTROPHE.

1.6.130 KEY_APP1

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_APP1 = 283;
```

Description

This is constant KEY_APP1.

1.6.131 KEY_APP2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_APP2 = 284;
```

Description

This is constant KEY_APP2.

1.6.132 KEY_APPLICATION

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_APPLICATION = 101;
```

Description

This is constant KEY_APPLICATION.

1.6.133 KEY_AUDIOFASTFORWARD

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIOFASTFORWARD = 286;
```

Description

This is constant KEY_AUDIOFASTFORWARD.

1.6.134 KEY_AUDIOMUTE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIOMUTE = 262;
```

Description

This is constant KEY_AUDIOMUTE.

1.6.135 KEY_AUDIONEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIONEXT = 258;
```

Description

This is constant KEY_AUDIONEXT.

1.6.136 KEY_AUDIOPLAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIOPLAY = 261;
```

Description

This is constant KEY_AUDIOPLAY.

1.6.137 KEY_AUDIOPREV

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIOPREV = 259;
```

Description

This is constant KEY_AUDIOPREV.

1.6.138 KEY_AUDIOREWIND

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIOREWIND = 285;
```

Description

This is constant KEY_AUDIOREWIND.

1.6.139 KEY_AUDIOSTOP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_AUDIOSTOP = 260;
```

Description

This is constant KEY_AUDIOSTOP.

1.6.140 KEY_B

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_B = 5;
```

Description

This is constant KEY_B.

1.6.141 KEY_BACKSLASH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_BACKSLASH = 49;
```

Description

This is constant KEY_BACKSLASH.

1.6.142 KEY_BACKSPACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_BACKSPACE = 42;
```

Description

This is constant KEY_BACKSPACE.

1.6.143 KEY_BRIGHTNESSDOWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_BRIGHTNESSDOWN = 275;
```

Description

This is constant KEY_BRIGHTNESSDOWN.

1.6.144 KEY_BRIGHTNESSUP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_BRIGHTNESSUP = 276;
```

Description

This is constant KEY_BRIGHTNESSUP.

1.6.145 KEY_C

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_C = 6;
```

Description

This is constant KEY_C.

1.6.146 KEY_CALCULATOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CALCULATOR = 266;
```

Description

This is constant KEY_CALCULATOR.

1.6.147 KEY_CALL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CALL = 289;
```

Description

This is constant KEY_CALL.

1.6.148 KEY_CANCEL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CANCEL = 155;
```

Description

This is constant KEY_CANCEL.

1.6.149 KEY_CAPSLOCK

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CAPSLOCK = 57;
```

Description

This is constant KEY_CAPSLOCK.

1.6.150 KEY_CLEAR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CLEAR = 156;
```

Description

This is constant KEY_CLEAR.

1.6.151 KEY_CLEARAGAIN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CLEARAGAIN = 162;
```

Description

This is constant KEY_CLEARAGAIN.

1.6.152 KEY_COMMA

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_COMMA = 54;
```

Description

This is constant KEY_COMMA.

1.6.153 KEY_COMPUTER

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_COMPUTER = 267;
```

Description

This is constant KEY_COMPUTER.

1.6.154 KEY_COPY

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_COPY = 124;
```

Description

This is constant KEY_COPY.

1.6.155 KEY_CRSEL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CRSEL = 163;
```

Description

This is constant KEY_CRSEL.

1.6.156 KEY_CURRENCYSUBUNIT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CURRENCYSUBUNIT = 181;
```

Description

This is constant KEY_CURRENCYSUBUNIT.

1.6.157 KEY_CURRENCYUNIT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CURRENCYUNIT = 180;
```

Description

This is constant KEY_CURRENCYUNIT.

1.6.158 KEY_CUT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_CUT = 123;
```

Description

This is constant KEY_CUT.

1.6.159 KEY_D

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_D = 7;
```

Description

This is constant KEY_D.

1.6.160 KEY_DECIMALSEPARATOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_DECIMALSEPARATOR = 179;
```

Description

This is constant KEY_DECIMALSEPARATOR.

1.6.161 KEY_DELETE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_DELETE = 76;
```

Description

This is constant KEY_DELETE.

1.6.162 KEY_DISPLAYSWITCH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_DISPLAYSWITCH = 277;
```

Description

This is constant KEY_DISPLAYSWITCH.

1.6.163 KEY_DOWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_DOWN = 81;
```

Description

This is constant KEY_DOWN.

1.6.164 KEY_E

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_E = 8;
```

Description

This is constant KEY_E.

1.6.165 KEY_EJECT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_EJECT = 281;
```

Description

This is constant KEY_EJECT.

1.6.166 KEY_END

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_END = 77;
```

Description

This is constant KEY_END.

1.6.167 KEY_ENDCALL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_ENDCALL = 290;
```

Description

This is constant KEY_ENDCALL.

1.6.168 KEY_EQUALS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_EQUALS = 46;
```

Description

This is constant KEY_EQUALS.

1.6.169 KEY_ESCAPE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_ESCAPE = 41;
```

Description

This is constant KEY_ESCAPE.

1.6.170 KEY_EXECUTE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_EXECUTE = 116;
```

Description

This is constant KEY_EXECUTE.

1.6.171 KEY_F

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F = 9;
```

Description

This is constant KEY_F.

1.6.172 KEY_F1

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F1 = 58;
```

Description

This is constant KEY_F1.

1.6.173 KEY_F10

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F10 = 67;
```

Description

This is constant KEY_F10.

1.6.174 KEY_F11

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F11 = 68;
```

Description

This is constant KEY_F11.

1.6.175 KEY_F12

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F12 = 69;
```

Description

This is constant KEY_F12.

1.6.176 KEY_F13

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F13 = 104;
```

Description

This is constant KEY_F13.

1.6.177 KEY_F14

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F14 = 105;
```

Description

This is constant KEY_F14.

1.6.178 KEY_F15

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F15 = 106;
```

Description

This is constant KEY_F15.

1.6.179 KEY_F16

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F16 = 107;
```

Description

This is constant KEY_F16.

1.6.180 KEY_F17

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F17 = 108;
```

Description

This is constant KEY_F17.

1.6.181 KEY_F18

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F18 = 109;
```

Description

This is constant KEY_F18.

1.6.182 KEY_F19

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F19 = 110;
```

Description

This is constant KEY_F19.

1.6.183 KEY_F2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F2 = 59;
```

Description

This is constant KEY_F2.

1.6.184 KEY_F20

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F20 = 111;
```

Description

This is constant KEY_F20.

1.6.185 KEY_F21

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F21 = 112;
```

Description

This is constant KEY_F21.

1.6.186 KEY_F22

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F22 = 113;
```

Description

This is constant KEY_F22.

1.6.187 KEY_F23

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F23 = 114;
```

Description

This is constant KEY_F23.

1.6.188 KEY_F24

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F24 = 115;
```

Description

This is constant KEY_F24.

1.6.189 KEY_F3

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F3 = 60;
```

Description

This is constant KEY_F3.

1.6.190 KEY_F4

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F4 = 61;
```

Description

This is constant KEY_F4.

1.6.191 KEY_F5

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F5 = 62;
```

Description

This is constant KEY_F5.

1.6.192 KEY_F6

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F6 = 63;
```

Description

This is constant KEY_F6.

1.6.193 KEY_F7

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F7 = 64;
```

Description

This is constant KEY_F7.

1.6.194 KEY_F8

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F8 = 65;
```

Description

This is constant KEY_F8.

1.6.195 KEY_F9

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_F9 = 66;
```

Description

This is constant KEY_F9.

1.6.196 KEY_FIND

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_FIND = 126;
```

Description

This is constant KEY_FIND.

1.6.197 KEY_G

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_G = 10;
```

Description

This is constant KEY_G.

1.6.198 KEY_GRAVE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_GRAVE = 53;
```

Description

This is constant KEY_GRAVE.

1.6.199 KEY_H

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_H = 11;
```

Description

This is constant KEY_H.

1.6.200 KEY_HELP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_HELP = 117;
```

Description

This is constant KEY_HELP.

1.6.201 KEY_HOME

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_HOME = 74;
```

Description

This is constant KEY_HOME.

1.6.202 KEY_I

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_I = 12;
```

Description

This is constant KEY_I.

1.6.203 KEY_INSERT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INSERT = 73;
```

Description

This is constant KEY_INSERT.

1.6.204 KEY_INTERNATIONAL1

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL1 = 135;
```

Description

This is constant KEY_INTERNATIONAL1.

1.6.205 KEY_INTERNATIONAL2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL2 = 136;
```

Description

This is constant KEY_INTERNATIONAL2.

1.6.206 KEY_INTERNATIONAL3

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL3 = 137;
```

Description

This is constant KEY_INTERNATIONAL3.

1.6.207 KEY_INTERNATIONAL4

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL4 = 138;
```

Description

This is constant KEY_INTERNATIONAL4.

1.6.208 KEY_INTERNATIONAL5

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL5 = 139;
```

Description

This is constant KEY_INTERNATIONAL5.

1.6.209 KEY_INTERNATIONAL6

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL6 = 140;
```

Description

This is constant KEY_INTERNATIONAL6.

1.6.210 KEY_INTERNATIONAL7

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERNATIONAL7 = 141;
```

Description

This is constant KEY_INTERNATIONAL7.

1.6.211 KEY_INTERATIONAL8

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERATIONAL8 = 142;
```

Description

This is constant KEY_INTERATIONAL8.

1.6.212 KEY_INTERATIONAL9

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_INTERATIONAL9 = 143;
```

Description

This is constant KEY_INTERATIONAL9.

1.6.213 KEY_J

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_J = 13;
```

Description

This is constant KEY_J.

1.6.214 KEY_K

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_K = 14;
```

Description

This is constant KEY_K.

1.6.215 KEY_KBDILLUMDOWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KBDILLUMDOWN = 279;
```

Description

This is constant KEY_KBDILLUMDOWN.

1.6.216 KEY_KBDILLUMTOGGLE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KBDILLUMTOGGLE = 278;
```

Description

This is constant KEY_KBDILLUMTOGGLE.

1.6.217 KEY_KBDILLUMUP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KBDILLUMUP = 280;
```

Description

This is constant KEY_KBDILLUMUP.

1.6.218 KEY_KP_0

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_0 = 98;
```

Description

This is constant KEY_KP_0.

1.6.219 KEY_KP_00

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_00 = 176;
```

Description

This is constant KEY_KP_00.

1.6.220 KEY_KP_000

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_000 = 177;
```

Description

This is constant KEY_KP_000.

1.6.221 KEY_KP_1

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_1 = 89;
```

Description

This is constant KEY_KP_1.

1.6.222 KEY_KP_2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_2 = 90;
```

Description

This is constant KEY_KP_2.

1.6.223 KEY_KP_3

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_3 = 91;
```

Description

This is constant KEY_KP_3.

1.6.224 KEY_KP_4

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_4 = 92;
```

Description

This is constant KEY_KP_4.

1.6.225 KEY_KP_5

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_5 = 93;
```

Description

This is constant KEY_KP_5.

1.6.226 KEY_KP_6

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_6 = 94;
```

Description

This is constant KEY_KP_6.

1.6.227 KEY_KP_7

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_7 = 95;
```

Description

This is constant KEY_KP_7.

1.6.228 KEY_KP_8

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_8 = 96;
```

Description

This is constant KEY_KP_8.

1.6.229 KEY_KP_9

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_9 = 97;
```

Description

This is constant KEY_KP_9.

1.6.230 KEY_KP_A

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_A = 188;
```

Description

This is constant KEY_KP_A.

1.6.231 KEY_KP_AMPERSAND

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_AMPERSAND = 199;
```

Description

This is constant KEY_KP_AMPERSAND.

1.6.232 KEY_KP_AT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_AT = 206;
```

Description

This is constant KEY_KP_AT.

1.6.233 KEY_KP_B

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_B = 189;
```

Description

This is constant KEY_KP_B.

1.6.234 KEY_KP_BACKSPACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_BACKSPACE = 187;
```

Description

This is constant KEY_KP_BACKSPACE.

1.6.235 KEY_KP_BINARY

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_BINARY = 218;
```

Description

This is constant KEY_KP_BINARY.

1.6.236 KEY_KP_C

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_C = 190;
```

Description

This is constant KEY_KP_C.

1.6.237 KEY_KP_CLEAR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_CLEAR = 216;
```

Description

This is constant KEY_KP_CLEAR.

1.6.238 KEY_KP_CLEARENTRY

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_CLEARENTRY = 217;
```

Description

This is constant KEY_KP_CLEARENTRY.

1.6.239 KEY_KP_COLON

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_COLON = 203;
```

Description

This is constant KEY_KP_COLON.

1.6.240 KEY_KP_COMMA

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_COMMA = 133;
```

Description

This is constant KEY_KP_COMMA.

1.6.241 KEY_KP_D

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_D = 191;
```

Description

This is constant KEY_KP_D.

1.6.242 KEY_KP_DBLAMPERSAND

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_DBLAMPERSAND = 200;
```

Description

This is constant KEY_KP_DBLAMPERSAND.

1.6.243 KEY_KP_DBLVERTICALBAR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_DBLVERTICALBAR = 202;
```

Description

This is constant KEY_KP_DBLVERTICALBAR.

1.6.244 KEY_KP_DECIMAL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_DECIMAL = 220;
```

Description

This is constant KEY_KP_DECIMAL.

1.6.245 KEY_KP_DIVIDE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_DIVIDE = 84;
```

Description

This is constant KEY_KP_DIVIDE.

1.6.246 KEY_KP_E

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_E = 192;
```

Description

This is constant KEY_KP_E.

1.6.247 KEY_KP_ENTER

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_ENTER = 88;
```

Description

This is constant KEY_KP_ENTER.

1.6.248 KEY_KP_EQUALS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_EQUALS = 103;
```

Description

This is constant KEY_KP_EQUALS.

1.6.249 KEY_KP_EQUALSAS400

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_EQUALSAS400 = 134;
```

Description

This is constant KEY_KP_EQUALSAS400.

1.6.250 KEY_KP_EXCLAM

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_EXCLAM = 207;
```

Description

This is constant KEY_KP_EXCLAM.

1.6.251 KEY_KP_F

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_F = 193;
```

Description

This is constant KEY_KP_F.

1.6.252 KEY_KP_GREATER

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_GREATER = 198;
```

Description

This is constant KEY_KP_GREATER.

1.6.253 KEY_KP_HASH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_HASH = 204;
```

Description

This is constant KEY_KP_HASH.

1.6.254 KEY_KP_HEXADECIMAL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_HEXADECIMAL = 221;
```

Description

This is constant KEY_KP_HEXADECIMAL.

1.6.255 KEY_KP_LEFTBRACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_LEFTBRACE = 184;
```

Description

This is constant KEY_KP_LEFTBRACE.

1.6.256 KEY_KP_LEFTPAREN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_LEFTPAREN = 182;
```

Description

This is constant KEY_KP_LEFTPAREN.

1.6.257 KEY_KP_LESS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_LESS = 197;
```

Description

This is constant KEY_KP_LESS.

1.6.258 KEY_KP_MEMADD

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMADD = 211;
```

Description

This is constant KEY_KP_MEMADD.

1.6.259 KEY_KP_MEMCLEAR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMCLEAR = 210;
```

Description

This is constant KEY_KP_MEMCLEAR.

1.6.260 KEY_KP_MEMDIVIDE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMDIVIDE = 214;
```

Description

This is constant KEY_KP_MEMDIVIDE.

1.6.261 KEY_KP_MEMMULTIPLY

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMMULTIPLY = 213;
```

Description

This is constant KEY_KP_MEMMULTIPLY.

1.6.262 KEY_KP_MEMRECALL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMRECALL = 209;
```

Description

This is constant KEY_KP_MEMRECALL.

1.6.263 KEY_KP_MEMSTORE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMSTORE = 208;
```

Description

This is constant KEY_KP_MEMSTORE.

1.6.264 KEY_KP_MEMSUBTRACT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MEMSUBTRACT = 212;
```

Description

This is constant KEY_KP_MEMSUBTRACT.

1.6.265 KEY_KP_MINUS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MINUS = 86;
```

Description

This is constant KEY_KP_MINUS.

1.6.266 KEY_KP_MULTIPLY

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_MULTIPLY = 85;
```

Description

This is constant KEY_KP_MULTIPLY.

1.6.267 KEY_KP_OCTAL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_OCTAL = 219;
```

Description

This is constant KEY_KP_OCTAL.

1.6.268 KEY_KP_PERCENT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_PERCENT = 196;
```

Description

This is constant KEY_KP_PERCENT.

1.6.269 KEY_KP_PERIOD

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_PERIOD = 99;
```

Description

This is constant KEY_KP_PERIOD.

1.6.270 KEY_KP_PLUS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_PLUS = 87;
```

Description

This is constant KEY_KP_PLUS.

1.6.271 KEY_KP_PLUSMINUS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_PLUSMINUS = 215;
```

Description

This is constant KEY_KP_PLUSMINUS.

1.6.272 KEY_KP_POWER

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_POWER = 195;
```

Description

This is constant KEY_KP_POWER.

1.6.273 KEY_KP_RIGHTBRACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_RIGHTBRACE = 185;
```

Description

This is constant KEY_KP_RIGHTBRACE.

1.6.274 KEY_KP_RIGHTPAREN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_RIGHTPAREN = 183;
```

Description

This is constant KEY_KP_RIGHTPAREN.

1.6.275 KEY_KP_SPACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_SPACE = 205;
```

Description

This is constant KEY_KP_SPACE.

1.6.276 KEY_KP_TAB

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_TAB = 186;
```

Description

This is constant KEY_KP_TAB.

1.6.277 KEY_KP_VERTICALBAR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_VERTICALBAR = 201;
```

Description

This is constant KEY_KP_VERTICALBAR.

1.6.278 KEY_KP_XOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_KP_XOR = 194;
```

Description

This is constant KEY_KP_XOR.

1.6.279 KEY_L

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_L = 15;
```

Description

This is constant KEY_L.

1.6.280 KEY_LALT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LALT = 226;
```

Description

This is constant KEY_LALT.

1.6.281 KEY_LANG1

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG1 = 144;
```

Description

This is constant KEY_LANG1.

1.6.282 KEY_LANG2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG2 = 145;
```

Description

This is constant KEY_LANG2.

1.6.283 KEY_LANG3

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG3 = 146;
```

Description

This is constant KEY_LANG3.

1.6.284 KEY_LANG4

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG4 = 147;
```

Description

This is constant KEY_LANG4.

1.6.285 KEY_LANG5

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG5 = 148;
```

Description

This is constant KEY_LANG5.

1.6.286 KEY_LANG6

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG6 = 149;
```

Description

This is constant KEY_LANG6.

1.6.287 KEY_LANG7

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG7 = 150;
```

Description

This is constant KEY_LANG7.

1.6.288 KEY_LANG8

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG8 = 151;
```

Description

This is constant KEY_LANG8.

1.6.289 KEY_LANG9

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LANG9 = 152;
```

Description

This is constant KEY_LANG9.

1.6.290 KEY_LCTRL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LCTRL = 224;
```

Description

This is constant KEY_LCTRL.

1.6.291 KEY_LEFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LEFT = 80;
```

Description

This is constant KEY_LEFT.

1.6.292 KEY_LEFTBRACKET

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LEFTBRACKET = 47;
```

Description

This is constant KEY_LEFTBRACKET.

1.6.293 KEY_LGUI

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LGUI = 227;
```

Description

This is constant KEY_LGUI.

1.6.294 KEY_LSHIFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_LSHIFT = 225;
```

Description

This is constant KEY_LSHIFT.

1.6.295 KEY_M

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_M = 16;
```

Description

This is constant KEY_M.

1.6.296 KEY_MAIL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_MAIL = 265;
```

Description

This is constant KEY_MAIL.

1.6.297 KEY_MEDIASELECT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_MEDIASELECT = 263;
```

Description

This is constant KEY_MEDIASELECT.

1.6.298 KEY_MENU

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_MENU = 118;
```

Description

This is constant KEY_MENU.

1.6.299 KEY_MINUS

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_MINUS = 45;
```

Description

This is constant KEY_MINUS.

1.6.300 KEY_MODE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_MODE = 257;
```

Description

This is constant KEY_MODE.

1.6.301 KEY_MUTE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_MUTE = 127;
```

Description

This is constant KEY_MUTE.

1.6.302 KEY_N

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_N = 17;
```

Description

This is constant KEY_N.

1.6.303 KEY_NONUSBACSLASH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_NONUSBACSLASH = 100;
```

Description

This is constant KEY_NONUSBACSLASH.

1.6.304 KEY_NONUSHASH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_NONUSHASH = 50;
```

Description

This is constant KEY_NONUSHASH.

1.6.305 KEY_NUMLOCKCLEAR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_NUMLOCKCLEAR = 83;
```

Description

This is constant KEY_NUMLOCKCLEAR.

1.6.306 KEY_O

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_O = 18;
```

Description

This is constant KEY_O.

1.6.307 KEY_OPER

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_OPER = 161;
```

Description

This is constant KEY_OPER.

1.6.308 KEY_OUT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_OUT = 160;
```

Description

This is constant KEY_OUT.

1.6.309 KEY_P

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_P = 19;
```

Description

This is constant KEY_P.

1.6.310 KEY_PAGEDOWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PAGEDOWN = 78;
```

Description

This is constant KEY_PAGEDOWN.

1.6.311 KEY_PAGEUP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PAGEUP = 75;
```

Description

This is constant KEY_PAGEUP.

1.6.312 KEY_PASTE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PASTE = 125;
```

Description

This is constant KEY_PASTE.

1.6.313 KEY_PAUSE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PAUSE = 72;
```

Description

This is constant KEY_PAUSE.

1.6.314 KEY_PERIOD

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PERIOD = 55;
```

Description

This is constant KEY_PERIOD.

1.6.315 KEY_POWER

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_POWER = 102;
```

Description

This is constant KEY_POWER.

1.6.316 KEY_PRINTSCREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PRINTSCREEN = 70;
```

Description

This is constant KEY_PRINTSCREEN.

1.6.317 KEY_PRIOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_PRIOR = 157;
```

Description

This is constant KEY_PRIOR.

1.6.318 KEY_Q

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_Q = 20;
```

Description

This is constant KEY_Q.

1.6.319 KEY_R

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_R = 21;
```

Description

This is constant KEY_R.

1.6.320 KEY_RALT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RALT = 230;
```

Description

This is constant KEY_RALT.

1.6.321 KEY_RCTRL

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RCTRL = 228;
```

Description

This is constant KEY_RCTRL.

1.6.322 KEY_RETURN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RETURN = 40;
```

Description

This is constant KEY_RETURN.

1.6.323 KEY_RETURN2

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RETURN2 = 158;
```

Description

This is constant KEY_RETURN2.

1.6.324 KEY_RGUI

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RGUI = 231;
```

Description

This is constant KEY_RGUI.

1.6.325 KEY_RIGHT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RIGHT = 79;
```

Description

This is constant KEY_RIGHT.

1.6.326 KEY_RIGHTBRACKET

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RIGHTBRACKET = 48;
```

Description

This is constant KEY_RIGHTBRACKET.

1.6.327 KEY_RSHIFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_RSHIFT = 229;
```

Description

This is constant KEY_RSHIFT.

1.6.328 KEY_S

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_S = 22;
```

Description

This is constant KEY_S.

1.6.329 KEY_SCROLLLOCK

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SCROLLLOCK = 71;
```

Description

This is constant KEY_SCROLLLOCK.

1.6.330 KEY_SELECT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SELECT = 119;
```

Description

This is constant KEY_SELECT.

1.6.331 KEY_SEMICOLON

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SEMICOLON = 51;
```

Description

This is constant KEY_SEMICOLON.

1.6.332 KEY_SEPARATOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SEPARATOR = 159;
```

Description

This is constant KEY_SEPARATOR.

1.6.333 KEY_SLASH

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SLASH = 56;
```

Description

This is constant KEY_SLASH.

1.6.334 KEY_SLEEP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SLEEP = 282;
```

Description

This is constant KEY_SLEEP.

1.6.335 KEY_SOFTLEFT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SOFTLEFT = 287;
```

Description

This is constant KEY_SOFTLEFT.

1.6.336 KEY_SOFTRIGHT

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SOFTRIGHT = 288;
```

Description

This is constant KEY_SOFTRIGHT.

1.6.337 KEY_SPACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SPACE = 44;
```

Description

This is constant KEY_SPACE.

1.6.338 KEY_STOP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_STOP = 120;
```

Description

This is constant KEY_STOP.

1.6.339 KEY_SYSREQ

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_SYSREQ = 154;
```

Description

This is constant KEY_SYSREQ.

1.6.340 KEY_T

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_T = 23;
```

Description

This is constant KEY_T.

1.6.341 KEY_TAB

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_TAB = 43;
```

Description

This is constant KEY_TAB.

1.6.342 KEY_THOUSANDSSEPARATOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_THOUSANDSSEPARATOR = 178;
```

Description

This is constant KEY_THOUSANDSSEPARATOR.

1.6.343 KEY_U

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_U = 24;
```

Description

This is constant KEY_U.

1.6.344 KEY_UNDO

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_UNDO = 122;
```

Description

This is constant KEY_UNDO.

1.6.345 KEY_UP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_UP = 82;
```

Description

This is constant KEY_UP.

1.6.346 KEY_V

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_V = 25;
```

Description

This is constant KEY_V.

1.6.347 KEY_VOLUMEDOWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_VOLUMEDOWN = 129;
```

Description

This is constant KEY_VOLUMEDOWN.

1.6.348 KEY_VOLUMEUP

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_VOLUMEUP = 128;
```

Description

This is constant KEY_VOLUMEUP.

1.6.349 KEY_W

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_W = 26;
```

Description

This is constant KEY_W.

1.6.350 KEY_WWW

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_WWW = 264;
```

Description

This is constant KEY_WWW.

1.6.351 KEY_X

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_X = 27;
```

Description

This is constant KEY_X.

1.6.352 KEY_Y

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_Y = 28;
```

Description

This is constant KEY_Y.

1.6.353 KEY_Z

File: DelphiGamekit.pas (see page 312)

Delphi

```
KEY_Z = 29;
```

Description

This is constant KEY_Z.

1.6.354 KHAKI

File: DelphiGamekit.pas (see page 312)

Delphi

```
KHAKI: TColor = (Red:$F0; Green:$E6; BBlue:$8C; Alpha:$FF);
```

Description

This is constant KHAKI.

1.6.355 LAVENDER

File: DelphiGamekit.pas (see page 312)

Delphi

```
LAVENDER: TColor = (Red:$E6; Green:$E6; BLue:$FA; Alpha:$FF);
```

Description

This is constant LAVENDER.

1.6.356 LAVENDERBLUSH

File: DelphiGamekit.pas (see page 312)

Delphi

```
LAVENDERBLUSH: TColor = (Red:$FF; Green:$F0; BLue:$F5; Alpha:$FF);
```

Description

This is constant LAVENDERBLUSH.

1.6.357 LAWNGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
LAWNGREEN: TColor = (Red:$7C; Green:$FC; BLue:$00; Alpha:$FF);
```

Description

This is constant LAWNGREEN.

1.6.358 LEMONCHIFFON

File: DelphiGamekit.pas (see page 312)

Delphi

```
LEMONCHIFFON: TColor = (Red:$FF; Green:$FA; BLue:$CD; Alpha:$FF);
```

Description

This is constant LEMONCHIFFON.

1.6.359 LF

File: DelphiGamekit.pas (see page 312)

Delphi

```
LF = #13;
```

Description

This is constant LF.

1.6.360 LIGHTBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTBLUE: TColor = (Red:$AD; Green:$D8; BBlue:$E6; Alpha:$FF);
```

Description

This is constant LIGHTBLUE.

1.6.361 LIGHTCORAL

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTCORAL: TColor = (Red:$F0; Green:$80; BBlue:$80; Alpha:$FF);
```

Description

This is constant LIGHTCORAL.

1.6.362 LIGHTCYAN

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTCYAN: TColor = (Red:$E0; Green:$FF; BBlue:$FF; Alpha:$FF);
```

Description

This is constant LIGHTCYAN.

1.6.363 LIGHTGOLDENRODYELLOW

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTGOLDENRODYELLOW: TColor = (Red:$FA; Green:$FA; BBlue:$D2; Alpha:$FF);
```

Description

This is constant LIGHTGOLDENRODYELLOW.

1.6.364 LIGHTGRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTGRAY: TColor = (Red:$D3; Green:$D3; BLue:$D3; Alpha:$FF);
```

Description

This is constant LIGHTGRAY.

1.6.365 LIGHTGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTGREEN: TColor = (Red:$90; Green:$EE; BLue:$90; Alpha:$FF);
```

Description

This is constant LIGHTGREEN.

1.6.366 LIGHTGREY

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTGREY: TColor = (Red:$D3; Green:$D3; BLue:$D3; Alpha:$FF);
```

Description

This is constant LIGHTGREY.

1.6.367 LIGHTPINK

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTPINK: TColor = (Red:$FF; Green:$B6; BLue:$C1; Alpha:$FF);
```

Description

This is constant LIGHTPINK.

1.6.368 LIGHTSALMON

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTSALMON: TColor = (Red:$FF; Green:$A0; BLue:$7A; Alpha:$FF);
```

Description

This is constant LIGHTSALMON.

1.6.369 LIGHTSEAGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTSEAGREEN: TColor = (Red:$20; Green:$B2; BLue:$AA; Alpha:$FF);
```

Description

This is constant LIGHTSEAGREEN.

1.6.370 LIGHTSKYBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTSKYBLUE: TColor = (Red:$87; Green:$CE; BLue:$FA; Alpha:$FF);
```

Description

This is constant LIGHTSKYBLUE.

1.6.371 LIGHTSLATEGRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTSLATEGRAY: TColor = (Red:$77; Green:$88; BLue:$99; Alpha:$FF);
```

Description

This is constant LIGHTSLATEGRAY.

1.6.372 LIGHTSLATEGREY

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTSLATEGREY: TColor = (Red:$77; Green:$88; BLue:$99; Alpha:$FF);
```

Description

This is constant LIGHTSLATEGREY.

1.6.373 LIGHTSTEELBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTSTEELBLUE: TColor = (Red:$B0; Green:$C4; BLue:$DE; Alpha:$FF);
```

Description

This is constant LIGHTSTEELBLUE.

1.6.374 LIGHTYELLOW

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIGHTYELLOW: TColor = (Red:$FF; Green:$FF; BLue:$E0; Alpha:$FF);
```

Description

This is constant LIGHTYELLOW.

1.6.375 LIME

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIME: TColor = (Red:$00; Green:$FF; BLue:$00; Alpha:$FF);
```

Description

This is constant LIME.

1.6.376 LIMEGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
LIMEGREEN: TColor = (Red:$32; Green:$CD; BLue:$32; Alpha:$FF);
```

Description

This is constant LIMEGREEN.

1.6.377 LINEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
LINEN: TColor = (Red:$FA; Green:$F0; BLue:$E6; Alpha:$FF);
```

Description

This is constant LINEN.

1.6.378 LOGEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
LOGEXT = 'log';
```

Description

This is constant LOGEXT.

1.6.379 LuSCANCODE_EXSEL

File: DelphiGamekit.pas (see page 312)

Delphi

```
LuSCANCODE_EXSEL = 164;
```

Description

This is constant LuSCANCODE_EXSEL.

1.6.380 MAGENTA

File: DelphiGamekit.pas (see page 312)

Delphi

```
MAGENTA: TColor = (Red:$FF; Green:$00; BLue:$FF; Alpha:$FF);
```

Description

This is constant MAGENTA.

1.6.381 MAROON

File: DelphiGamekit.pas (see page 312)

Delphi

```
MAROON: TColor = (Red:$80; Green:$00; BLue:$00; Alpha:$FF);
```

Description

This is constant MAROON.

1.6.382 MEDIUMAQUAMARINE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMAQUAMARINE: TColor = (Red:$66; Green:$CD; BLue:$AA; Alpha:$FF);
```

Description

This is constant MEDIUMAQUAMARINE.

1.6.383 MEDIUMBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMBLUE: TColor = (Red:$00; Green:$00; BLue:$CD; Alpha:$FF);
```

Description

This is constant MEDIUMBLUE.

1.6.384 MEDIUMORCHID

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMORCHID: TColor = (Red:$BA; Green:$55; BLue:$D3; Alpha:$FF);
```

Description

This is constant MEDIUMORCHID.

1.6.385 MEDIUMPURPLE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMPURPLE: TColor = (Red:$93; Green:$70; BLue:$DB; Alpha:$FF);
```

Description

This is constant MEDIUMPURPLE.

1.6.386 MEDIUMSEAGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMSEAGREEN: TColor = (Red:$3C; Green:$B3; BLue:$71; Alpha:$FF);
```

Description

This is constant MEDIUMSEAGREEN.

1.6.387 MEDIUMSLATEBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMSLATEBLUE: TColor = (Red:$7B; Green:$68; BLue:$EE; Alpha:$FF);
```

Description

This is constant MEDIUMSLATEBLUE.

1.6.388 MEDIUMSPRINGGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMSPRINGGREEN: TColor = (Red:$00; Green:$FA; BLue:$9A; Alpha:$FF);
```

Description

This is constant MEDIUMSPRINGGREEN.

1.6.389 MEDIUMTURQUOISE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMTURQUOISE: TColor = (Red:$48; Green:$D1; BLue:$CC; Alpha:$FF);
```

Description

This is constant MEDIUMTURQUOISE.

1.6.390 MEDIUMVIOLETRED

File: DelphiGamekit.pas (see page 312)

Delphi

```
MEDIUMVIOLETRED: TColor = (Red:$C7; Green:$15; BLue:$85; Alpha:$FF);
```

Description

This is constant MEDIUMVIOLETRED.

1.6.391 MIDNIGHTBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MIDNIGHTBLUE: TColor = (Red:$19; Green:$19; BLue:$70; Alpha:$FF);
```

Description

This is constant MIDNIGHTBLUE.

1.6.392 MINTCREAM

File: DelphiGamekit.pas (see page 312)

Delphi

```
MINTCREAM: TColor = (Red:$F5; Green:$FF; BLue:$FA; Alpha:$FF);
```

Description

This is constant MINTCREAM.

1.6.393 MISTYROSE

File: DelphiGamekit.pas (see page 312)

Delphi

```
MISTYROSE: TColor = (Red:$FF; Green:$E4; BLue:$E1; Alpha:$FF);
```

Description

This is constant MISTYROSE.

1.6.394 MOCCASIN

File: DelphiGamekit.pas (see page 312)

Delphi

```
MOCCASIN: TColor = (Red:$FF; Green:$E4; BLue:$B5; Alpha:$FF);
```

Description

This is constant MOCCASIN.

1.6.395 MPGEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
MPGEXT = 'mpg' ;
```

Description

This is constant MPGEXT.

1.6.396 NAN

File: DelphiGamekit.pas (see page 312)

Delphi

```
NAN = 0.0 / 0.0 ;
```

Description

This is constant NAN.

1.6.397 NAVAJOWHITE

File: DelphiGamekit.pas (see page 312)

Delphi

```
NAVAJOWHITE: TColor = (Red:$FF; Green:$DE; BLue:$AD; Alpha:$FF);
```

Description

This is constant NAVAJOWHITE.

1.6.398 NAVY

File: DelphiGamekit.pas (see page 312)

Delphi

```
NAVY: TColor = (Red:$00; Green:$00; BLue:$80; Alpha:$FF);
```

Description

This is constant NAVY.

1.6.399 OGGEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
OGGEXT = 'ogg' ;
```

Description

This is constant OGGEXT.

1.6.400 OLDLACE

File: DelphiGamekit.pas (see page 312)

Delphi

```
OLDLACE: TColor = (Red:$FD; Green:$F5; BLue:$E6; Alpha:$FF);
```

Description

This is constant OLDLACE.

1.6.401 OLIVE

File: DelphiGamekit.pas (see page 312)

Delphi

```
OLIVE: TColor = (Red:$80; Green:$80; BLue:$00; Alpha:$FF);
```

Description

This is constant OLIVE.

1.6.402 OLIVEDRAB

File: DelphiGamekit.pas (see page 312)

Delphi

```
OLIVEDRAB: TColor = (Red:$6B; Green:$8E; BLue:$23; Alpha:$FF);
```

Description

This is constant OLIVEDRAB.

1.6.403 ORANGE

File: DelphiGamekit.pas (see page 312)

Delphi

```
ORANGE: TColor = (Red:$FF; Green:$A5; BLue:$00; Alpha:$FF);
```

Description

This is constant ORANGE.

1.6.404 ORANGERED

File: DelphiGamekit.pas (see page 312)

Delphi

```
ORANGERED: TColor = (Red:$FF; Green:$45; BLue:$00; Alpha:$FF);
```

Description

This is constant ORANGERED.

1.6.405 ORCHID

File: DelphiGamekit.pas (see page 312)

Delphi

```
ORCHID: TColor = (Red:$DA; Green:$70; BLue:$D6; Alpha:$FF);
```

Description

This is constant ORCHID.

1.6.406 OVERLAY1

File: DelphiGamekit.pas (see page 312)

Delphi

```
OVERLAY1: TColor = (Red:$00; Green:$20; BLue:$29; Alpha:$B4);
```

Description

This is constant OVERLAY1.

1.6.407 OVERLAY2

File: DelphiGamekit.pas (see page 312)

Delphi

```
OVERLAY2: TColor = (Red:$01; Green:$1B; BLue:$01; Alpha:255);
```

Description

This is constant OVERLAY2.

1.6.408 PALEGOLDENROD

File: DelphiGamekit.pas (see page 312)

Delphi

```
PALEGOLDENROD: TColor = (Red:$EE; Green:$E8; BLue:$AA; Alpha:$FF);
```

Description

This is constant PALEGOLDENROD.

1.6.409 PALEGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
PALEGREEN: TColor = (Red:$98; Green:$FB; BLue:$98; Alpha:$FF);
```

Description

This is constant PALEGREEN.

1.6.410 PALETURQUOISE

File: DelphiGamekit.pas (see page 312)

Delphi

```
PALETURQUOISE: TColor = (Red:$AF; Green:$EE; BLue:$EE; Alpha:$FF);
```

Description

This is constant PALETURQUOISE.

1.6.411 PALEVIOLETRED

File: DelphiGamekit.pas (see page 312)

Delphi

```
PALEVIOLETRED: TColor = (Red:$DB; Green:$70; BLue:$93; Alpha:$FF);
```

Description

This is constant PALEVIOLETRED.

1.6.412 PAPAYAWHIP

File: DelphiGamekit.pas (see page 312)

Delphi

```
PAPAYAWHIP: TColor = (Red:$FF; Green:$EF; BLue:$D5; Alpha:$FF);
```

Description

This is constant PAPAYAWHIP.

1.6.413 PEACHPUFF

File: DelphiGamekit.pas (see page 312)

Delphi

```
PEACHPUFF: TColor = (Red:$FF; Green:$DA; BLue:$B9; Alpha:$FF);
```

Description

This is constant PEACHPUFF.

1.6.414 PERU

File: DelphiGamekit.pas (see page 312)

Delphi

```
PERU: TColor = (Red:$CD; Green:$85; BLue:$3F; Alpha:$FF);
```

Description

This is constant PERU.

1.6.415 PINK

File: DelphiGamekit.pas (see page 312)

Delphi

```
PINK: TColor = (Red:$FF; Green:$C0; BLue:$CB; Alpha:$FF);
```

Description

This is constant PINK.

1.6.416 PLUM

File: DelphiGamekit.pas (see page 312)

Delphi

```
PLUM: TColor = (Red:$DD; Green:$A0; BLue:$DD; Alpha:$FF);
```

Description

This is constant PLUM.

1.6.417 PNGEXT

File: DelphiGamekit.pas (see page 312)

Delphi

```
PNGEXT = 'png';
```

Description

This is constant PNGEXT.

1.6.418 POWDERBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
POWDERBLUE: TColor = (Red:$B0; Green:$E0; BLue:$E6; Alpha:$FF);
```

Description

This is constant POWDERBLUE.

1.6.419 PURPLE

File: DelphiGamekit.pas (see page 312)

Delphi

```
PURPLE: TColor = (Red:$80; Green:$00; BLue:$80; Alpha:$FF);
```

Description

This is constant PURPLE.

1.6.420 RADTODEG

File: DelphiGamekit.pas (see page 312)

Delphi

```
RADTODEG = 180.0 / PI;
```

Description

This is constant RADTODEG.

1.6.421 REBECCAPURPLE

File: DelphiGamekit.pas (see page 312)

Delphi

```
REBECCAPURPLE: TColor = (Red:$66; Green:$33; BLue:$99; Alpha:$FF);
```

Description

This is constant REBECCAPURPLE.

1.6.422 RED

File: DelphiGamekit.pas (see page 312)

Delphi

```
RED: TColor = (Red:$FF; Green:$00; BLue:$00; Alpha:$FF);
```

Description

This is constant RED.

1.6.423 RED2

File: DelphiGamekit.pas (see page 312)

Delphi

```
RED2: TColor = (Red:$7E; Green:$32; BLue:$3F; Alpha:255);
```

Description

This is constant RED2.

1.6.424 ROSYBROWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
ROSYBROWN: TColor = (Red:$BC; Green:$8F; BLue:$8F; Alpha:$FF);
```

Description

This is constant ROSYBROWN.

1.6.425 ROYALBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
ROYALBLUE: TColor = (Red:$41; Green:$69; BLue:$E1; Alpha:$FF);
```

Description

This is constant ROYALBLUE.

1.6.426 SADDLEBROWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
SADDLEBROWN: TColor = (Red:$8B; Green:$45; BLue:$13; Alpha:$FF);
```

Description

This is constant SADDLEBROWN.

1.6.427 SALMON

File: DelphiGamekit.pas (see page 312)

Delphi

```
SALMON: TColor = (Red:$FA; Green:$80; BLue:$72; Alpha:$FF);
```

Description

This is constant SALMON.

1.6.428 SANDYBROWN

File: DelphiGamekit.pas (see page 312)

Delphi

```
SANDYBROWN: TColor = (Red:$F4; Green:$A4; BLue:$60; Alpha:$FF);
```

Description

This is constant SANDYBROWN.

1.6.429 SEAGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
SEAGREEN: TColor = (Red:$2E; Green:$8B; BLue:$57; Alpha:$FF);
```

Description

This is constant SEAGREEN.

1.6.430 SEASHELL

File: DelphiGamekit.pas (see page 312)

Delphi

```
SEASHELL: TColor = (Red:$FF; Green:$F5; BLue:$EE; Alpha:$FF);
```

Description

This is constant SEASHELL.

1.6.431 SIENNA

File: DelphiGamekit.pas (see page 312)

Delphi

```
SIENNA: TColor = (Red:$A0; Green:$52; BLue:$2D; Alpha:$FF);
```

Description

This is constant SIENNA.

1.6.432 SILVER

File: DelphiGamekit.pas (see page 312)

Delphi

```
SILVER: TColor = (Red:$C0; Green:$C0; BLue:$C0; Alpha:$FF);
```

Description

This is constant SILVER.

1.6.433 SKYBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
SKYBLUE: TColor = (Red:$87; Green:$CE; BLue:$EB; Alpha:$FF);
```

Description

This is constant SKYBLUE.

1.6.434 SLATEBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
SLATEBLUE: TColor = (Red:$6A; Green:$5A; BLue:$CD; Alpha:$FF);
```

Description

This is constant SLATEBLUE.

1.6.435 SLATEGRAY

File: DelphiGamekit.pas (see page 312)

Delphi

```
SLATEGRAY: TColor = (Red:$70; Green:$80; BLue:$90; Alpha:$FF);
```

Description

This is constant SLATEGRAY.

1.6.436 SLATEGREY

File: DelphiGamekit.pas (see page 312)

Delphi

```
SLATEGREY: TColor = (Red:$70; Green:$80; BLue:$90; Alpha:$FF);
```

Description

This is constant SLATEGREY.

1.6.437 SNOW

File: DelphiGamekit.pas (see page 312)

Delphi

```
SNOW: TColor = (Red:$FF; Green:$FA; BLue:$FA; Alpha:$FF);
```

Description

This is constant SNOW.

1.6.438 SPRINGGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
SPRINGGREEN: TColor = (Red:$00; Green:$FF; BLue:$7F; Alpha:$FF);
```

Description

This is constant SPRINGGREEN.

1.6.439 STEELBLUE

File: DelphiGamekit.pas (see page 312)

Delphi

```
STEELBLUE: TColor = (Red:$46; Green:$82; BLue:$B4; Alpha:$FF);
```

Description

This is constant STEELBLUE.

1.6.440 TAN

File: DelphiGamekit.pas (see page 312)

Delphi

```
TAN: TColor = (Red:$D2; Green:$B4; BLue:$8C; Alpha:$FF);
```

Description

This is constant TAN.

1.6.441 TEAL

File: DelphiGamekit.pas (see page 312)

Delphi

```
TEAL: TColor = (Red:$00; Green:$80; BLue:$80; Alpha:$FF);
```

Description

This is constant TEAL.

1.6.442 THISTLE

File: DelphiGamekit.pas (see page 312)

Delphi

```
THISTLE: TColor = (Red:$D8; Green:$BF; BLue:$D8; Alpha:$FF);
```

Description

This is constant THISTLE.

1.6.443 TIMER_FIXEDUPDATE_SPEED

File: DelphiGamekit.pas (see page 312)

Delphi

```
TIMER_FIXEDUPDATE_SPEED = 60.0;
```

Description

This is constant TIMER_FIXEDUPDATE_SPEED.

1.6.444 TIMER_UPDATE_SPEED

File: DelphiGamekit.pas (see page 312)

Delphi

```
TIMER_UPDATE_SPEED = 60.0;
```

Description

This is constant TIMER_UPDATE_SPEED.

1.6.445 TOMATO

File: DelphiGamekit.pas (see page 312)

Delphi

```
TOMATO: TColor = (Red:$FF; Green:$63; BLue:$47; Alpha:$FF);
```

Description

This is constant TOMATO.

1.6.446 TURQUOISE

File: DelphiGamekit.pas (see page 312)

Delphi

```
TURQUOISE: TColor = (Red:$40; Green:$E0; BLue:$D0; Alpha:$FF);
```

Description

This is constant TURQUOISE.

1.6.447 VERSION_MAJOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
VERSION_MAJOR = '0';
```

Description

This is constant VERSION_MAJOR.

1.6.448 VERSION_MINOR

File: DelphiGamekit.pas (see page 312)

Delphi

```
VERSION_MINOR = '1';
```

Description

This is constant VERSION_MINOR.

1.6.449 VERSION_PATCH

File: DelphiGamekit.pas (see page 312)

Delphi

```
VERSION_PATCH = '0';
```

Description

This is constant VERSION_PATCH.

1.6.450 VIDEO_SAMPLEBUFFERSIZE

File: DelphiGamekit.pas (see page 312)

Delphi

```
VIDEO_SAMPLEBUFFERSIZE = 2304;
```

Description

This is constant VIDEO_SAMPLEBUFFERSIZE.

1.6.451 VIOLET

File: DelphiGamekit.pas (see page 312)

Delphi

```
VIOLET: TColor = (Red:$EE; Green:$82; BLue:$EE; Alpha:$FF);
```

Description

This is constant VIOLET.

1.6.452 WHEAT

File: DelphiGamekit.pas (see page 312)

Delphi

```
WHEAT: TColor = (Red:$F5; Green:$DE; BLue:$B3; Alpha:$FF);
```

Description

This is constant WHEAT.

1.6.453 WHITE

File: DelphiGamekit.pas (see page 312)

Delphi

```
WHITE: TColor = (Red:$FF; Green:$FF; BLue:$FF; Alpha:$FF);
```

Description

This is constant WHITE.

1.6.454 WHITE2

File: DelphiGamekit.pas (see page 312)

Delphi

```
WHITE2: TColor = (Red:$F5; Green:$F5; BLue:$F5; Alpha:$FF);
```

Description

This is constant WHITE2.

1.6.455 WHITESMOKE

File: DelphiGamekit.pas (see page 312)

Delphi

```
WHITESMOKE: TColor = (Red:$F5; Green:$F5; BLue:$F5; Alpha:$FF);
```

Description

This is constant WHITESMOKE.

1.6.456 WINDOW_HEIGHT

File: DelphiGamekit.pas (see page 312)

Delphi

```
WINDOW_HEIGHT = 1080 div 2;
```

Description

This is constant WINDOW_HEIGHT.

1.6.457 WINDOW_WIDTH

File: DelphiGamekit.pas (see page 312)

Delphi

```
WINDOW_WIDTH = 1920 div 2;
```

Description

This is constant WINDOW_WIDTH.

1.6.458 YELLOW

File: DelphiGamekit.pas (see page 312)

Delphi

```
YELLOW: TColor = (Red:$FF; Green:$FF; BBlue:$00; Alpha:$FF);
```

Description

This is constant YELLOW.

1.6.459 YELLOWGREEN

File: DelphiGamekit.pas (see page 312)

Delphi

```
YELLOWGREEN: TColor = (Red:$9A; Green:$CD; BBlue:$32; Alpha:$FF);
```

Description

This is constant YELLOWGREEN.

1.7 Files

The following table lists files in this documentation.


















Units

DelphiGamekit.pas (see page 312)	This is file DelphiGamekit.pas.
-----------------------------------	---------------------------------

1.7.1 DelphiGamekit.pas

This is file DelphiGamekit.pas.

Classes

	EBufferException (see page 15)	This is class EBufferException.
	TAScreenshake (see page 15)	This is class TAScreenshake.
	TArchive (see page 17)	This is class TArchive.
	TArchiveFile (see page 20)	This is class TArchiveFile.
	TAsyncThread (see page 26)	This is class TAsyncThread.
	TBaseObject (see page 35)	This is class TBaseObject.
	TBuffer (see page 36)	This is class TBuffer.
	TCloudDb (see page 39)	This is class TCloudDb.
	TConfigFile (see page 54)	This is class TConfigFile.
	TEntity (see page 62)	This is class TEntity.
	TFont (see page 80)	This is class TFont.
	TGame (see page 87)	This is class TGame.
	TGeometry (see page 101)	This is class TGeometry.
	TPolyPoint (see page 116)	This is class TPolyPoint.
	TPolygon (see page 121)	This is class TPolygon.
	TSprite (see page 139)	This is class TSprite.
	TTexture (see page 146)	This is class TTexture.

Constants

ALICEBLUE (see page 210)	This is constant ALICEBLUE.
ANTIQUEWHITE (see page 210)	This is constant ANTIQUEWHITE.
AQUA (see page 210)	This is constant AQUA.
AQUAMARINE (see page 211)	This is constant AQUAMARINE.
ARCEXT (see page 211)	This is constant ARCEXT.
AUDIO_CHANNEL_DYNAMIC (see page 211)	This is constant AUDIO_CHANNEL_DYNAMIC.
AUDIO_CHANNEL_FADINGIN (see page 211)	This is constant AUDIO_CHANNEL_FADINGIN.
AUDIO_CHANNEL_FADINGOUT (see page 211)	This is constant AUDIO_CHANNEL_FADINGOUT.
AUDIO_CHANNEL_LOOP (see page 212)	This is constant AUDIO_CHANNEL_LOOP.
AUDIO_CHANNEL_MAX (see page 212)	This is constant AUDIO_CHANNEL_MAX.
AUDIO_CHANNEL_NOFADING (see page 212)	This is constant AUDIO_CHANNEL_NOFADING.
AZURE (see page 212)	This is constant AZURE.
BEIGE (see page 213)	This is constant BEIGE.
BISQUE (see page 213)	This is constant BISQUE.
BLACK (see page 213)	This is constant BLACK.
BLANCHEDALMOND (see page 213)	This is constant BLANCHEDALMOND.
BLANK (see page 213)	This is constant BLANK.
BLUE (see page 214)	This is constant BLUE.
BLUEVIOLET (see page 214)	This is constant BLUEVIOLET.
BROWN (see page 214)	This is constant BROWN.
BURLYWOOD (see page 214)	This is constant BURLYWOOD.
BUTTON_LEFT (see page 215)	This is constant BUTTON_LEFT.
BUTTON_MIDDLE (see page 215)	This is constant BUTTON_MIDDLE.
BUTTON_RIGHT (see page 215)	This is constant BUTTON_RIGHT.
BUTTON_X1 (see page 215)	This is constant BUTTON_X1.
BUTTON_X2 (see page 215)	This is constant BUTTON_X2.
CADETBBLUE (see page 216)	This is constant CADETBBLUE.
CHARTREUSE (see page 216)	This is constant CHARTREUSE.
CHOCOLATE (see page 216)	This is constant CHOCOLATE.
COLORKEY (see page 216)	This is constant COLORKEY.
CONTROLLER_AXIS_LEFTX (see page 217)	This is constant CONTROLLER_AXIS_LEFTX.
CONTROLLER_AXIS_LEFTY (see page 217)	This is constant CONTROLLER_AXIS_LEFTY.
CONTROLLER_AXIS_RIGHTX (see page 217)	This is constant CONTROLLER_AXIS_RIGHTX.
CONTROLLER_AXIS_RIGHTY (see page 217)	This is constant CONTROLLER_AXIS_RIGHTY.
CONTROLLER_AXIS_TRIGGERLEFT (see page 217)	This is constant CONTROLLER_AXIS_TRIGGERLEFT.
CONTROLLER_AXIS_TRIGGERRIGHT (see page 218)	This is constant CONTROLLER_AXIS_TRIGGERRIGHT.
CONTROLLER_BUTTON_A (see page 218)	This is constant CONTROLLER_BUTTON_A.
CONTROLLER_BUTTON_B (see page 218)	This is constant CONTROLLER_BUTTON_B.
CONTROLLER_BUTTON_BACK (see page 218)	This is constant CONTROLLER_BUTTON_BACK.
CONTROLLER_BUTTON_DPAD_DOWN (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_DOWN.
CONTROLLER_BUTTON_DPAD_LEFT (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_LEFT.
CONTROLLER_BUTTON_DPAD_RIGHT (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_RIGHT.

CONTROLLER_BUTTON_DPAD_UP (see page 219)	This is constant CONTROLLER_BUTTON_DPAD_UP.
CONTROLLER_BUTTON_GUIDE (see page 219)	This is constant CONTROLLER_BUTTON_GUIDE.
CONTROLLER_BUTTON_LEFTSHOULDER (see page 220)	This is constant CONTROLLER_BUTTON_LEFTSHOULDER.
CONTROLLER_BUTTON_LEFTSTICK (see page 220)	This is constant CONTROLLER_BUTTON_LEFTSTICK.
CONTROLLER_BUTTON_MISC1 (see page 220)	This is constant CONTROLLER_BUTTON_MISC1.
CONTROLLER_BUTTON_PADDLE1 (see page 220)	This is constant CONTROLLER_BUTTON_PADDLE1.
CONTROLLER_BUTTON_PADDLE2 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE2.
CONTROLLER_BUTTON_PADDLE3 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE3.
CONTROLLER_BUTTON_PADDLE4 (see page 221)	This is constant CONTROLLER_BUTTON_PADDLE4.
CONTROLLER_BUTTON_RIGHTSHOULDER (see page 221)	This is constant CONTROLLER_BUTTON_RIGHTSHOULDER.
CONTROLLER_BUTTON_RIGHTSTICK (see page 221)	This is constant CONTROLLER_BUTTON_RIGHTSTICK.
CONTROLLER_BUTTON_START (see page 222)	This is constant CONTROLLER_BUTTON_START.
CONTROLLER_BUTTON_TOUCHPAD (see page 222)	This is constant CONTROLLER_BUTTON_TOUCHPAD.
CONTROLLER_BUTTON_X (see page 222)	This is constant CONTROLLER_BUTTON_X.
CONTROLLER_BUTTON_Y (see page 222)	This is constant CONTROLLER_BUTTON_Y.
CORAL (see page 223)	This is constant CORAL.
CORNFLOWERBLUE (see page 223)	This is constant CORNFLOWERBLUE.
CORNSILK (see page 223)	This is constant CORNSILK.
CR (see page 223)	This is constant CR.
CRIMSON (see page 223)	This is constant CRIMSON.
CRLF (see page 224)	This is constant CRLF.
CYAN (see page 224)	This is constant CYAN.
DARKBLUE (see page 224)	This is constant DARKBLUE.
DARKCYAN (see page 224)	This is constant DARKCYAN.
DARKGOLDENROD (see page 225)	This is constant DARKGOLDENROD.
DARKGRAY (see page 225)	This is constant DARKGRAY.
DARKGREEN (see page 225)	This is constant DARKGREEN.
DARKGREY (see page 225)	This is constant DARKGREY.
DARKKHAKI (see page 225)	This is constant DARKKHAKI.
DARKMAGENTA (see page 226)	This is constant DARKMAGENTA.
DARKOLIVEGREEN (see page 226)	This is constant DARKOLIVEGREEN.
DARKORANGE (see page 226)	This is constant DARKORANGE.
DARKORCHID (see page 226)	This is constant DARKORCHID.
DARKRED (see page 227)	This is constant DARKRED.
DARKSALMON (see page 227)	This is constant DARKSALMON.
DARKSEAGREEN (see page 227)	This is constant DARKSEAGREEN.
DARKSLATEBLUE (see page 227)	This is constant DARKSLATEBLUE.
DARKSLATEBROWN (see page 227)	This is constant DARKSLATEBROWN.
DARKSLATEGRAY (see page 228)	This is constant DARKSLATEGRAY.

DARKTURQUOISE (see page 228)	This is constant DARKTURQUOISE.
DARKVIOLET (see page 228)	This is constant DARKVIOLET.
DEEPPINK (see page 228)	This is constant DEEPPINK.
DEEPSKYBLUE (see page 229)	This is constant DEEPSKYBLUE.
DEGTORAD (see page 229)	This is constant DEGTORAD.
DIMGRAY (see page 229)	This is constant DIMGRAY.
DIMWHITE (see page 229)	This is constant DIMWHITE.
DODGERBLUE (see page 229)	This is constant DODGERBLUE.
EPSILON (see page 230)	This is constant EPSILON.
FIREBRICK (see page 230)	This is constant FIREBRICK.
FLORALWHITE (see page 230)	This is constant FLORALWHITE.
FORESTGREEN (see page 230)	This is constant FORESTGREEN.
FUCHSIA (see page 231)	This is constant FUCHSIA.
GAINSBORO (see page 231)	This is constant GAINSBORO.
GHOSTWHITE (see page 231)	This is constant GHOSTWHITE.
GOLD (see page 231)	This is constant GOLD.
GOLDENROD (see page 231)	This is constant GOLDENROD.
GRAY (see page 232)	This is constant GRAY.
GREEN (see page 232)	This is constant GREEN.
GREENYELLOW (see page 232)	This is constant GREENYELLOW.
GREY (see page 232)	This is constant GREY.
HONEYDEW (see page 233)	This is constant HONEYDEW.
HOTPINK (see page 233)	This is constant HOTPINK.
INDIANRED (see page 233)	This is constant INDIANRED.
INDIGO (see page 233)	This is constant INDIGO.
INIEXT (see page 233)	This is constant INIEXT.
IVORY (see page 234)	This is constant IVORY.
KEY_0 (see page 234)	This is constant KEY_0.
KEY_1 (see page 234)	This is constant KEY_1.
KEY_2 (see page 234)	This is constant KEY_2.
KEY_3 (see page 235)	This is constant KEY_3.
KEY_4 (see page 235)	This is constant KEY_4.
KEY_5 (see page 235)	This is constant KEY_5.
KEY_6 (see page 235)	This is constant KEY_6.
KEY_7 (see page 235)	This is constant KEY_7.
KEY_8 (see page 236)	This is constant KEY_8.
KEY_9 (see page 236)	This is constant KEY_9.
KEY_A (see page 236)	This is constant KEY_A.
KEY_AC_BACK (see page 236)	This is constant KEY_AC_BACK.
KEY_AC_BOOKMARKS (see page 237)	This is constant KEY_AC_BOOKMARKS.
KEY_AC_FORWARD (see page 237)	This is constant KEY_AC_FORWARD.
KEY_AC_HOME (see page 237)	This is constant KEY_AC_HOME.
KEY_AC_REFRESH (see page 237)	This is constant KEY_AC_REFRESH.
KEY_AC_SEARCH (see page 237)	This is constant KEY_AC_SEARCH.
KEY_AC_STOP (see page 238)	This is constant KEY_AC_STOP.
KEY_AGAIN (see page 238)	This is constant KEY_AGAIN.
KEY_ALTERASE (see page 238)	This is constant KEY_ALTERASE.
KEY_APOSTROPHE (see page 238)	This is constant KEY_APOSTROPHE.
KEY_APP1 (see page 239)	This is constant KEY_APP1.

KEY_APP2 (see page 239)	This is constant KEY_APP2.
KEY_APPLICATION (see page 239)	This is constant KEY_APPLICATION.
KEY_AUDIOFASTFORWARD (see page 239)	This is constant KEY_AUDIOFASTFORWARD.
KEY_AUDIOMUTE (see page 239)	This is constant KEY_AUDIOMUTE.
KEY_AUDIONEXT (see page 240)	This is constant KEY_AUDIONEXT.
KEY_AUDIOPLAY (see page 240)	This is constant KEY_AUDIOPLAY.
KEY_AUDIOPREV (see page 240)	This is constant KEY_AUDIOPREV.
KEY_AUDIOREWIND (see page 240)	This is constant KEY_AUDIOREWIND.
KEY_AUDIOSTOP (see page 241)	This is constant KEY_AUDIOSTOP.
KEY_B (see page 241)	This is constant KEY_B.
KEY_BACKSLASH (see page 241)	This is constant KEY_BACKSLASH.
KEY_BACKSPACE (see page 241)	This is constant KEY_BACKSPACE.
KEY_BRIGHTNESSDOWN (see page 241)	This is constant KEY_BRIGHTNESSDOWN.
KEY_BRIGHTNESSUP (see page 242)	This is constant KEY_BRIGHTNESSUP.
KEY_C (see page 242)	This is constant KEY_C.
KEY_CALCULATOR (see page 242)	This is constant KEY_CALCULATOR.
KEY_CALL (see page 242)	This is constant KEY_CALL.
KEY_CANCEL (see page 243)	This is constant KEY_CANCEL.
KEY_CAPSLOCK (see page 243)	This is constant KEY_CAPSLOCK.
KEY_CLEAR (see page 243)	This is constant KEY_CLEAR.
KEY_CLEARAGAIN (see page 243)	This is constant KEY_CLEARAGAIN.
KEY_COMMA (see page 243)	This is constant KEY_COMMA.
KEY_COMPUTER (see page 244)	This is constant KEY_COMPUTER.
KEY_COPY (see page 244)	This is constant KEY_COPY.
KEY_CRSEL (see page 244)	This is constant KEY_CRSEL.
KEY_CURRENCYSUBUNIT (see page 244)	This is constant KEY_CURRENCYSUBUNIT.
KEY_CURRENCYUNIT (see page 245)	This is constant KEY_CURRENCYUNIT.
KEY_CUT (see page 245)	This is constant KEY_CUT.
KEY_D (see page 245)	This is constant KEY_D.
KEY_DECIMALSEPARATOR (see page 245)	This is constant KEY_DECIMALSEPARATOR.
KEY_DELETE (see page 245)	This is constant KEY_DELETE.
KEY_DISPLAYSWITCH (see page 246)	This is constant KEY_DISPLAYSWITCH.
KEY_DOWN (see page 246)	This is constant KEY_DOWN.
KEY_E (see page 246)	This is constant KEY_E.
KEY_EJECT (see page 246)	This is constant KEY_EJECT.
KEY_END (see page 247)	This is constant KEY_END.
KEY_ENDCALL (see page 247)	This is constant KEY_ENDCALL.
KEY_EQUALS (see page 247)	This is constant KEY_EQUALS.
KEY_ESCAPE (see page 247)	This is constant KEY_ESCAPE.
KEY_EXECUTE (see page 247)	This is constant KEY_EXECUTE.
KEY_F (see page 248)	This is constant KEY_F.
KEY_F1 (see page 248)	This is constant KEY_F1.
KEY_F10 (see page 248)	This is constant KEY_F10.
KEY_F11 (see page 248)	This is constant KEY_F11.
KEY_F12 (see page 249)	This is constant KEY_F12.
KEY_F13 (see page 249)	This is constant KEY_F13.
KEY_F14 (see page 249)	This is constant KEY_F14.
KEY_F15 (see page 249)	This is constant KEY_F15.
KEY_F16 (see page 249)	This is constant KEY_F16.

KEY_F17 (see page 250)	This is constant KEY_F17.
KEY_F18 (see page 250)	This is constant KEY_F18.
KEY_F19 (see page 250)	This is constant KEY_F19.
KEY_F2 (see page 250)	This is constant KEY_F2.
KEY_F20 (see page 251)	This is constant KEY_F20.
KEY_F21 (see page 251)	This is constant KEY_F21.
KEY_F22 (see page 251)	This is constant KEY_F22.
KEY_F23 (see page 251)	This is constant KEY_F23.
KEY_F24 (see page 251)	This is constant KEY_F24.
KEY_F3 (see page 252)	This is constant KEY_F3.
KEY_F4 (see page 252)	This is constant KEY_F4.
KEY_F5 (see page 252)	This is constant KEY_F5.
KEY_F6 (see page 252)	This is constant KEY_F6.
KEY_F7 (see page 253)	This is constant KEY_F7.
KEY_F8 (see page 253)	This is constant KEY_F8.
KEY_F9 (see page 253)	This is constant KEY_F9.
KEY_FIND (see page 253)	This is constant KEY_FIND.
KEY_G (see page 253)	This is constant KEY_G.
KEY_GRAVE (see page 254)	This is constant KEY_GRAVE.
KEY_H (see page 254)	This is constant KEY_H.
KEY_HELP (see page 254)	This is constant KEY_HELP.
KEY_HOME (see page 254)	This is constant KEY_HOME.
KEY_I (see page 255)	This is constant KEY_I.
KEY_INSERT (see page 255)	This is constant KEY_INSERT.
KEY_INTERNATIONAL1 (see page 255)	This is constant KEY_INTERNATIONAL1.
KEY_INTERNATIONAL2 (see page 255)	This is constant KEY_INTERNATIONAL2.
KEY_INTERNATIONAL3 (see page 255)	This is constant KEY_INTERNATIONAL3.
KEY_INTERNATIONAL4 (see page 256)	This is constant KEY_INTERNATIONAL4.
KEY_INTERNATIONAL5 (see page 256)	This is constant KEY_INTERNATIONAL5.
KEY_INTERNATIONAL6 (see page 256)	This is constant KEY_INTERNATIONAL6.
KEY_INTERNATIONAL7 (see page 256)	This is constant KEY_INTERNATIONAL7.
KEY_INTERNATIONAL8 (see page 257)	This is constant KEY_INTERNATIONAL8.
KEY_INTERNATIONAL9 (see page 257)	This is constant KEY_INTERNATIONAL9.
KEY_J (see page 257)	This is constant KEY_J.
KEY_K (see page 257)	This is constant KEY_K.
KEY_KBDILLUMDOWN (see page 257)	This is constant KEY_KBDILLUMDOWN.
KEY_KBDILLUMTOGGLE (see page 258)	This is constant KEY_KBDILLUMTOGGLE.
KEY_KBDILLUMUP (see page 258)	This is constant KEY_KBDILLUMUP.
KEY_KP_0 (see page 258)	This is constant KEY_KP_0.
KEY_KP_00 (see page 258)	This is constant KEY_KP_00.
KEY_KP_000 (see page 259)	This is constant KEY_KP_000.
KEY_KP_1 (see page 259)	This is constant KEY_KP_1.
KEY_KP_2 (see page 259)	This is constant KEY_KP_2.
KEY_KP_3 (see page 259)	This is constant KEY_KP_3.
KEY_KP_4 (see page 259)	This is constant KEY_KP_4.
KEY_KP_5 (see page 260)	This is constant KEY_KP_5.
KEY_KP_6 (see page 260)	This is constant KEY_KP_6.
KEY_KP_7 (see page 260)	This is constant KEY_KP_7.
KEY_KP_8 (see page 260)	This is constant KEY_KP_8.

KEY_KP_9 (see page 261)	This is constant KEY_KP_9.
KEY_KP_A (see page 261)	This is constant KEY_KP_A.
KEY_KP_AMPERSAND (see page 261)	This is constant KEY_KP_AMPERSAND.
KEY_KP_AT (see page 261)	This is constant KEY_KP_AT.
KEY_KP_B (see page 261)	This is constant KEY_KP_B.
KEY_KP_BACKSPACE (see page 262)	This is constant KEY_KP_BACKSPACE.
KEY_KP_BINARY (see page 262)	This is constant KEY_KP_BINARY.
KEY_KP_C (see page 262)	This is constant KEY_KP_C.
KEY_KP_CLEAR (see page 262)	This is constant KEY_KP_CLEAR.
KEY_KP_CLEARENTRY (see page 263)	This is constant KEY_KP_CLEARENTRY.
KEY_KP_COLON (see page 263)	This is constant KEY_KP_COLON.
KEY_KP_COMMA (see page 263)	This is constant KEY_KP_COMMA.
KEY_KP_D (see page 263)	This is constant KEY_KP_D.
KEY_KP_DBLAMPERSAND (see page 263)	This is constant KEY_KP_DBLAMPERSAND.
KEY_KP_DBLVERTICALBAR (see page 264)	This is constant KEY_KP_DBLVERTICALBAR.
KEY_KP_DECIMAL (see page 264)	This is constant KEY_KP_DECIMAL.
KEY_KP_DIVIDE (see page 264)	This is constant KEY_KP_DIVIDE.
KEY_KP_E (see page 264)	This is constant KEY_KP_E.
KEY_KP_ENTER (see page 265)	This is constant KEY_KP_ENTER.
KEY_KP_EQUALS (see page 265)	This is constant KEY_KP_EQUALS.
KEY_KP_EQUALSAS400 (see page 265)	This is constant KEY_KP_EQUALSAS400.
KEY_KP_EXCLAM (see page 265)	This is constant KEY_KP_EXCLAM.
KEY_KP_F (see page 265)	This is constant KEY_KP_F.
KEY_KP_GREATER (see page 266)	This is constant KEY_KP_GREATER.
KEY_KP_HASH (see page 266)	This is constant KEY_KP_HASH.
KEY_KP_HEXADecimal (see page 266)	This is constant KEY_KP_HEXADecimal.
KEY_KP_LEFTBRACE (see page 266)	This is constant KEY_KP_LEFTBRACE.
KEY_KP_LEFTPAREN (see page 267)	This is constant KEY_KP_LEFTPAREN.
KEY_KP_LESS (see page 267)	This is constant KEY_KP_LESS.
KEY_KP_MEMADD (see page 267)	This is constant KEY_KP_MEMADD.
KEY_KP_MEMCLEAR (see page 267)	This is constant KEY_KP_MEMCLEAR.
KEY_KP_MEMDIVIDE (see page 267)	This is constant KEY_KP_MEMDIVIDE.
KEY_KP_MEMMULTIPLY (see page 268)	This is constant KEY_KP_MEMMULTIPLY.
KEY_KP_MEMRECALL (see page 268)	This is constant KEY_KP_MEMRECALL.
KEY_KP_MEMSTORE (see page 268)	This is constant KEY_KP_MEMSTORE.
KEY_KP_MEMSUBTRACT (see page 268)	This is constant KEY_KP_MEMSUBTRACT.
KEY_KP_MINUS (see page 269)	This is constant KEY_KP_MINUS.
KEY_KP_MULTIPLY (see page 269)	This is constant KEY_KP_MULTIPLY.
KEY_KP_OCTAL (see page 269)	This is constant KEY_KP_OCTAL.
KEY_KP_PERCENT (see page 269)	This is constant KEY_KP_PERCENT.
KEY_KP_PERIOD (see page 269)	This is constant KEY_KP_PERIOD.
KEY_KP_PLUS (see page 270)	This is constant KEY_KP_PLUS.
KEY_KP_PLUSMINUS (see page 270)	This is constant KEY_KP_PLUSMINUS.
KEY_KP_POWER (see page 270)	This is constant KEY_KP_POWER.
KEY_KP_RIGHTBRACE (see page 270)	This is constant KEY_KP_RIGHTBRACE.
KEY_KP_RIGHTPAREN (see page 271)	This is constant KEY_KP_RIGHTPAREN.
KEY_KP_SPACE (see page 271)	This is constant KEY_KP_SPACE.
KEY_KP_TAB (see page 271)	This is constant KEY_KP_TAB.
KEY_KP_VERTICALBAR (see page 271)	This is constant KEY_KP_VERTICALBAR.











KEY_KP_XOR (see page 271)	This is constant KEY_KP_XOR.
KEY_L (see page 272)	This is constant KEY_L.
KEY_LALT (see page 272)	This is constant KEY_LALT.
KEY_LANG1 (see page 272)	This is constant KEY_LANG1.
KEY_LANG2 (see page 272)	This is constant KEY_LANG2.
KEY_LANG3 (see page 273)	This is constant KEY_LANG3.
KEY_LANG4 (see page 273)	This is constant KEY_LANG4.
KEY_LANG5 (see page 273)	This is constant KEY_LANG5.
KEY_LANG6 (see page 273)	This is constant KEY_LANG6.
KEY_LANG7 (see page 273)	This is constant KEY_LANG7.
KEY_LANG8 (see page 274)	This is constant KEY_LANG8.
KEY_LANG9 (see page 274)	This is constant KEY_LANG9.
KEY_LCTRL (see page 274)	This is constant KEY_LCTRL.
KEY_LEFT (see page 274)	This is constant KEY_LEFT.
KEY_LEFTBRACKET (see page 275)	This is constant KEY_LEFTBRACKET.
KEY_LGUI (see page 275)	This is constant KEY_LGUI.
KEY_LSHIFT (see page 275)	This is constant KEY_LSHIFT.
KEY_M (see page 275)	This is constant KEY_M.
KEY_MAIL (see page 275)	This is constant KEY_MAIL.
KEY_MEDIASELECT (see page 276)	This is constant KEY_MEDIASELECT.
KEY_MENU (see page 276)	This is constant KEY_MENU.
KEY_MINUS (see page 276)	This is constant KEY_MINUS.
KEY_MODE (see page 276)	This is constant KEY_MODE.
KEY_MUTE (see page 277)	This is constant KEY_MUTE.
KEY_N (see page 277)	This is constant KEY_N.
KEY_NONUSBACKSLASH (see page 277)	This is constant KEY_NONUSBACKSLASH.
KEY_NONUSHASH (see page 277)	This is constant KEY_NONUSHASH.
KEY_NUMLOCKCLEAR (see page 277)	This is constant KEY_NUMLOCKCLEAR.
KEY_O (see page 278)	This is constant KEY_O.
KEY_OPER (see page 278)	This is constant KEY_OPER.
KEY_OUT (see page 278)	This is constant KEY_OUT.
KEY_P (see page 278)	This is constant KEY_P.
KEY_PAGEDOWN (see page 279)	This is constant KEY_PAGEDOWN.
KEY_PAGEUP (see page 279)	This is constant KEY_PAGEUP.
KEY_PASTE (see page 279)	This is constant KEY_PASTE.
KEY_PAUSE (see page 279)	This is constant KEY_PAUSE.
KEY_PERIOD (see page 279)	This is constant KEY_PERIOD.
KEY_POWER (see page 280)	This is constant KEY_POWER.
KEY_PRINTSCREEN (see page 280)	This is constant KEY_PRINTSCREEN.
KEY_PRIOR (see page 280)	This is constant KEY_PRIOR.
KEY_Q (see page 280)	This is constant KEY_Q.
KEY_R (see page 281)	This is constant KEY_R.
KEY_RALT (see page 281)	This is constant KEY_RALT.
KEY_RCTRL (see page 281)	This is constant KEY_RCTRL.
KEY_RETURN (see page 281)	This is constant KEY_RETURN.
KEY_RETURN2 (see page 281)	This is constant KEY_RETURN2.
KEY_RGUI (see page 282)	This is constant KEY_RGUI.
KEY_RIGHT (see page 282)	This is constant KEY_RIGHT.
KEY_RIGHTBRACKET (see page 282)	This is constant KEY_RIGHTBRACKET.

KEY_RSHIFT (see page 282)	This is constant KEY_RSHIFT.
KEY_S (see page 283)	This is constant KEY_S.
KEY_SCROLLLOCK (see page 283)	This is constant KEY_SCROLLLOCK.
KEY_SELECT (see page 283)	This is constant KEY_SELECT.
KEY_SEMICOLON (see page 283)	This is constant KEY_SEMICOLON.
KEY_SEPARATOR (see page 283)	This is constant KEY_SEPARATOR.
KEY_SLASH (see page 284)	This is constant KEY_SLASH.
KEY_SLEEP (see page 284)	This is constant KEY_SLEEP.
KEY_SOFTLEFT (see page 284)	This is constant KEY_SOFTLEFT.
KEY_SOFTRIGHT (see page 284)	This is constant KEY_SOFTRIGHT.
KEY_SPACE (see page 285)	This is constant KEY_SPACE.
KEY_STOP (see page 285)	This is constant KEY_STOP.
KEY_SYSREQ (see page 285)	This is constant KEY_SYSREQ.
KEY_T (see page 285)	This is constant KEY_T.
KEY_TAB (see page 285)	This is constant KEY_TAB.
KEY_THOUSANDSSEPARATOR (see page 286)	This is constant KEY_THOUSANDSSEPARATOR.
KEY_U (see page 286)	This is constant KEY_U.
KEY_UNDO (see page 286)	This is constant KEY_UNDO.
KEY_UP (see page 286)	This is constant KEY_UP.
KEY_V (see page 287)	This is constant KEY_V.
KEY_VOLUMEDOWN (see page 287)	This is constant KEY_VOLUMEDOWN.
KEY_VOLUMEUP (see page 287)	This is constant KEY_VOLUMEUP.
KEY_W (see page 287)	This is constant KEY_W.
KEY_WWW (see page 287)	This is constant KEY_WWW.
KEY_X (see page 288)	This is constant KEY_X.
KEY_Y (see page 288)	This is constant KEY_Y.
KEY_Z (see page 288)	This is constant KEY_Z.
KHAKI (see page 288)	This is constant KHAKI.
LAVENDER (see page 289)	This is constant LAVENDER.
LAVENDERBLUSH (see page 289)	This is constant LAVENDERBLUSH.
LAWNGREEN (see page 289)	This is constant LAWNGREEN.
LEMONCHIFFON (see page 289)	This is constant LEMONCHIFFON.
LF (see page 289)	This is constant LF.
LIGHTBLUE (see page 290)	This is constant LIGHTBLUE.
LIGHTCORAL (see page 290)	This is constant LIGHTCORAL.
LIGHTCYAN (see page 290)	This is constant LIGHTCYAN.
LIGHTGOLDENRODYELLOW (see page 290)	This is constant LIGHTGOLDENRODYELLOW.
LIGHTGRAY (see page 291)	This is constant LIGHTGRAY.
LIGHTGREEN (see page 291)	This is constant LIGHTGREEN.
LIGHTGREY (see page 291)	This is constant LIGHTGREY.
LIGHTPINK (see page 291)	This is constant LIGHTPINK.
LIGHTSALMON (see page 291)	This is constant LIGHTSALMON.
LIGHTSEAGREEN (see page 292)	This is constant LIGHTSEAGREEN.
LIGHTSKYBLUE (see page 292)	This is constant LIGHTSKYBLUE.
LIGHTSLATEGRAY (see page 292)	This is constant LIGHTSLATEGRAY.
LIGHTSLATEGREY (see page 292)	This is constant LIGHTSLATEGREY.
LIGHTSTEELBLUE (see page 293)	This is constant LIGHTSTEELBLUE.
LIGHTYELLOW (see page 293)	This is constant LIGHTYELLOW.

LIME (see page 293)	This is constant LIME.
LIMEGREEN (see page 293)	This is constant LIMEGREEN.
LINEN (see page 293)	This is constant LINEN.
LOGEXT (see page 294)	This is constant LOGEXT.
LuSCANCODE_EXSEL (see page 294)	This is constant LuSCANCODE_EXSEL.
MAGENTA (see page 294)	This is constant MAGENTA.
MAROON (see page 294)	This is constant MAROON.
MEDIUMAQUAMARINE (see page 295)	This is constant MEDIUMAQUAMARINE.
MEDIUMBLUE (see page 295)	This is constant MEDIUMBLUE.
MEDIUMORCHID (see page 295)	This is constant MEDIUMORCHID.
MEDIUMPURPLE (see page 295)	This is constant MEDIUMPURPLE.
MEDIUMSEAGREEN (see page 295)	This is constant MEDIUMSEAGREEN.
MEDIUMSLATEBLUE (see page 296)	This is constant MEDIUMSLATEBLUE.
MEDIUMSPRINGGREEN (see page 296)	This is constant MEDIUMSPRINGGREEN.
MEDIUMTURQUOISE (see page 296)	This is constant MEDIUMTURQUOISE.
MEDIUMVIOLETRED (see page 296)	This is constant MEDIUMVIOLETRED.
MIDNIGHTBLUE (see page 297)	This is constant MIDNIGHTBLUE.
MINTCREAM (see page 297)	This is constant MINTCREAM.
MISTYROSE (see page 297)	This is constant MISTYROSE.
MOCCASIN (see page 297)	This is constant MOCCASIN.
MPGEXT (see page 297)	This is constant MPGEXT.
NAN (see page 298)	This is constant NAN.
NAVAJOWHITE (see page 298)	This is constant NAVAJOWHITE.
NAVY (see page 298)	This is constant NAVY.
OGGEXT (see page 298)	This is constant OGGEXT.
OLDLACE (see page 299)	This is constant OLDLACE.
OLIVE (see page 299)	This is constant OLIVE.
OLIVEDRAB (see page 299)	This is constant OLIVEDRAB.
ORANGE (see page 299)	This is constant ORANGE.
ORANGERED (see page 299)	This is constant ORANGERED.
ORCHID (see page 300)	This is constant ORCHID.
OVERLAY1 (see page 300)	This is constant OVERLAY1.
OVERLAY2 (see page 300)	This is constant OVERLAY2.
PALEGOLDENROD (see page 300)	This is constant PALEGOLDENROD.
PALEGREEN (see page 301)	This is constant PALEGREEN.
PALETURQUOISE (see page 301)	This is constant PALETURQUOISE.
PALEVIOLETRED (see page 301)	This is constant PALEVIOLETRED.
PAPAYAWHIP (see page 301)	This is constant PAPAYAWHIP.
PEACHPUFF (see page 301)	This is constant PEACHPUFF.
PERU (see page 302)	This is constant PERU.
PINK (see page 302)	This is constant PINK.
PLUM (see page 302)	This is constant PLUM.
PNGEXT (see page 302)	This is constant PNGEXT.
POWDERBLUE (see page 303)	This is constant POWDERBLUE.
PURPLE (see page 303)	This is constant PURPLE.
RADTODEG (see page 303)	This is constant RADTODEG.
REBECCAPURPLE (see page 303)	This is constant REBECCAPURPLE.
RED (see page 303)	This is constant RED.
RED2 (see page 304)	This is constant RED2.

ROSYBROWN (see page 304)	This is constant ROSYBROWN.
ROYALBLUE (see page 304)	This is constant ROYALBLUE.
SADDLEBROWN (see page 304)	This is constant SADDLEBROWN.
SALMON (see page 305)	This is constant SALMON.
SANDYBROWN (see page 305)	This is constant SANDYBROWN.
SEAGREEN (see page 305)	This is constant SEAGREEN.
SEASHELL (see page 305)	This is constant SEASHELL.
SIENNA (see page 305)	This is constant SIENNA.
SILVER (see page 306)	This is constant SILVER.
SKYBLUE (see page 306)	This is constant SKYBLUE.
SLATEBLUE (see page 306)	This is constant SLATEBLUE.
SLATEGRAY (see page 306)	This is constant SLATEGRAY.
SLATEGREY (see page 307)	This is constant SLATEGREY.
SNOW (see page 307)	This is constant SNOW.
SPRINGGREEN (see page 307)	This is constant SPRINGGREEN.
STEELBLUE (see page 307)	This is constant STEELBLUE.
TAN (see page 307)	This is constant TAN.
TEAL (see page 308)	This is constant TEAL.
THISTLE (see page 308)	This is constant THISTLE.
TIMER_FIXEDUPDATE_SPEED (see page 308)	This is constant TIMER_FIXEDUPDATE_SPEED.
TIMER_UPDATE_SPEED (see page 308)	This is constant TIMER_UPDATE_SPEED.
TOMATO (see page 309)	This is constant TOMATO.
TURQUOISE (see page 309)	This is constant TURQUOISE.
VERSION_MAJOR (see page 309)	This is constant VERSION_MAJOR.
VERSION_MINOR (see page 309)	This is constant VERSION_MINOR.
VERSION_PATCH (see page 309)	This is constant VERSION_PATCH.
VIDEO_SAMPLEBUFFERSIZE (see page 310)	This is constant VIDEO_SAMPLEBUFFERSIZE.
VIOLET (see page 310)	This is constant VIOLET.
WHEAT (see page 310)	This is constant WHEAT.
WHITE (see page 310)	This is constant WHITE.
WHITE2 (see page 311)	This is constant WHITE2.
WHITESMOKE (see page 311)	This is constant WHITESMOKE.
WINDOW_HEIGHT (see page 311)	This is constant WINDOW_HEIGHT.
WINDOW_WIDTH (see page 311)	This is constant WINDOW_WIDTH.
YELLOW (see page 311)	This is constant YELLOW.
YELLOWGREEN (see page 312)	This is constant YELLOWGREEN.

Enumerations















	TAudioFading (see page 194)	This is record TAudioFading.
	TBlendMode (see page 194)	This is record TBlendMode.
	TEaseType (see page 194)	This is record TEaseType.
	TFlipMode (see page 195)	This is record TFlipMode.
	THAlign (see page 195)	This is record THAlign.
	TLineIntersection (see page 195)	This is record TLineIntersection.
	TSpeechVoiceAttribute (see page 196)	This is record TSpeechVoiceAttribute.
	TTextureAccess (see page 196)	This is record TTextureAccess.
	TVAlign (see page 196)	This is record TVAlign.
	TVideoStatus (see page 196)	This is record TVideoStatus.





Functions

◆	AddSelfToUserPath (see page 174)	This is function AddSelfToUserPath.
◆	AngleCos (see page 175)	This is function AngleCos.
◆	AngleDiff (see page 175)	This is function AngleDiff.
◆	AngleRotatePos (see page 175)	This is function AngleRotatePos.
◆	AngleSin (see page 175)	This is function AngleSin.
◆	CaptureConsoleOutput (see page 176)	This is function CaptureConsoleOutput.
◆	CircleInRectangle (see page 176)	This is function CircleInRectangle.
◆	CirclesOverlap (see page 176)	This is function CirclesOverlap.
◆	ClipVaLue (see page 177)	This is function ClipVaLue.
◆	ClipVaLuef (see page 177)	This is function ClipVaLuef.
◆	CreateDirsInPath (see page 177)	This is function CreateDirsInPath.
◆	EasePosition (see page 177)	This is function EasePosition.
◆	EaseValue (see page 178)	This is function EaseValue.
◆	ExpandRelDirectory (see page 178)	This is function ExpandRelDirectory.
◆	ExpandRelFilename (see page 178)	This is function ExpandRelFilename.
◆	ExtractRelativeDirectory (see page 179)	This is function ExtractRelativeDirectory.
◆	ExtractRelativeFilename (see page 179)	This is function ExtractRelativeFilename.
◆	FreeNilObject (see page 179)	This is function FreeNilObject.
◆	GetDirName (see page 179)	This is function GetDirName.
◆	GetEnvVarValue (see page 180)	This is function GetEnvVarValue.
◆	GetExeBasePath (see page 180)	This is function GetExeBasePath.
◆	GetExePath (see page 180)	This is function GetExePath.
◆	GetFileRWops (see page 180)	This is function GetFileRWops.
◆	GetMemRWops (see page 181)	This is function GetMemRWops.
◆	GetRandomSeed (see page 181)	This is function GetRandomSeed.
◆	GetSemVerStr (see page 181)	This is function GetSemVerStr.
◆	GetUUID (see page 181)	This is function GetUUID.
◆	GetVersionInfo (see page 182)	This is function GetVersionInfo.
◆	GetVersionInfo (see page 182)	This is function GetVersionInfo.
◆	HasConsoleOutput (see page 182)	This is function HasConsoleOutput.
◆	HttpGet (see page 182)	This is function HttpGet.
◆	IsCurrentDir (see page 183)	This is function IsCurrentDir.
◆	IsSingleInstance (see page 183)	This is function IsSingleInstance.
◆	IsValidFilename (see page 183)	This is function IsValidFilename.
◆	Lerp (see page 183)	This is function Lerp.
◆	LineIntersection (see page 184)	This is function LineIntersection.
◆	Pause (see page 184)	This is function Pause.
◆	PointInCircle (see page 184)	This is function PointInCircle.
◆	PointInRectangle (see page 184)	This is function PointInRectangle.
◆	PointInTriangle (see page 185)	This is function PointInTriangle.
◆	Print (see page 185)	This is function Print.
◆	Print (see page 185)	This is function Print.
◆	PrintLn (see page 186)	This is function PrintLn.
◆	PrintLn (see page 186)	This is function PrintLn.

	PrintLn (see page 186)	This is function PrintLn.
	ProcessMessages (see page 186)	This is function ProcessMessages.
	RadiusOverlap (see page 187)	This is function RadiusOverlap.
	RandomBool (see page 187)	This is function RandomBool.
	RandomRange (see page 187)	This is function RandomRange.
	RandomRangef (see page 187)	This is function RandomRangef.
	ReadStringFromStream (see page 188)	This is function ReadStringFromStream.
	RectangleIntersection (see page 188)	This is function RectangleIntersection.
	RectanglesOverlap (see page 188)	This is function RectanglesOverlap.
	RemoveDuplicates (see page 188)	This is function RemoveDuplicates.
	RemoveDuplicates2 (see page 189)	This is function RemoveDuplicates2.
	RemoveQuotes (see page 189)	This is function RemoveQuotes.
	RemoveSelfFromUserPath (see page 189)	This is function RemoveSelfFromUserPath.
	ResourceExists (see page 189)	This is function ResourceExists.
	RunGame (see page 190)	This is function RunGame.
	SameSign (see page 190)	This is function SameSign.
	SameSignf (see page 190)	This is function SameSignf.
	SameVaLue (see page 190)	This is function SameVaLue.
	SameVaLuef (see page 191)	This is function SameVaLuef.
	SetEnvVarValue (see page 191)	This is function SetEnvVarValue.
	SetGlobalEnvironment (see page 191)	This is function SetGlobalEnvironment.
	SetRandomSeed (see page 191)	This is function SetRandomSeed.
	ShellOpen (see page 192)	This is function ShellOpen.
	SmoothMove (see page 192)	This is function SmoothMove.
	UnitToScalarValue (see page 192)	This is function UnitToScalarValue.
	WaitForAnyKey (see page 193)	This is function WaitForAnyKey.
	WasRunFromConsole (see page 193)	This is function WasRunFromConsole.
	WriteStringToStream (see page 193)	This is function WriteStringToStream.

Records

	TAsync (see page 24)	This is class TAsync.
	TAudio (see page 29)	This is class TAudio.
	TCmdLine (see page 47)	This is class TCmdLine.
	TColor (see page 51)	This is class TColor.
	TController (see page 59)	This is class TController.
	THud (see page 103)	This is class THud.
	TInput (see page 105)	This is class TInput.
	TLog (see page 110)	This is class TLog.
	TPoint (see page 113)	This is class TPoint.
	TPolypointTrace (see page 125)	This is class TPolypointTrace.
	TPrefs (see page 128)	This is class TPrefs.
	TRect (see page 130)	This is class TRect.
	TScreenshake (see page 133)	This is class TScreenshake.
	TSpeech (see page 135)	This is class TSpeech.

	TTimer (see page 153)	This is class TTimer.
	TVector (see page 155)	This is class TVector.
	TVideo (see page 162)	This is class TVideo.
	TWindow (see page 166)	This is class TWindow.

Types

PColor (see page 197)	This is type PColor.
PPoint (see page 197)	This is type PPoint.
PRect (see page 198)	This is type PRect.
PVector (see page 198)	This is type PVector.
PVideo (see page 198)	This is type PVideo.
TAsyncProc (see page 198)	This is type TAsyncProc.
TCaptureConsoleOutputEvent (see page 198)	This is type TCaptureConsoleOutputEvent.
TGameClass (see page 199)	This is type TGameClass.
TMusic (see page 199)	This is type TMusic.
TSound (see page 199)	This is type TSound.

Variables

Game (see page 200)	This is variable Game.
Marshaller (see page 200)	This is variable Marshaller.

Index

A

ALICEBLUE 210
ALICEBLUE constant 210
ANTIQUWHITE 210
ANTIQUWHITE constant 210
AQUA 210
AQUA constant 210
AQUAMARINE 211
AQUAMARINE constant 211
ARCEXT 211
ARCEXT constant 211
AUDIO_CHANNEL_DYNAMIC 211
AUDIO_CHANNEL_DYNAMIC constant 211
AUDIO_CHANNEL_FADINGIN 211
AUDIO_CHANNEL_FADINGIN constant 211
AUDIO_CHANNEL_FADINGOUT 211
AUDIO_CHANNEL_FADINGOUT constant 211
AUDIO_CHANNEL_LOOP 212
AUDIO_CHANNEL_LOOP constant 212
AUDIO_CHANNEL_MAX 212
AUDIO_CHANNEL_MAX constant 212
AUDIO_CHANNEL_NOFADING 212
AUDIO_CHANNEL_NOFADING constant 212
AZURE 212
AZURE constant 212
AddSelfToUserPath 174
AddSelfToUserPath function 174
AngleCos 175
AngleCos function 175
AngleDiff 175
AngleDiff function 175
AngleRotatePos 175
AngleRotatePos function 175
AngleSin 175
AngleSin function 175
BEIGE 213
BEIGE constant 213
BISQUE 213
BISQUE constant 213
BLACK 213
BLACK constant 213
BLANCHEDALMOND 213
BLANCHEDALMOND constant 213
BLANK 213
BLANK constant 213
BLUE 214
BLUE constant 214
BLUEVIOLET 214
BLUEVIOLET constant 214
BROWN 214
BROWN constant 214
BURLYWOOD 214
BURLYWOOD constant 214
BUTTON_LEFT 215
BUTTON_LEFT constant 215
BUTTON_MIDDLE 215
BUTTON_MIDDLE constant 215
BUTTON_RIGHT 215
BUTTON_RIGHT constant 215
BUTTON_X1 215
BUTTON_X1 constant 215
BUTTON_X2 215
BUTTON_X2 constant 215
CADETBBLUE 216
CADETBBLUE constant 216
CHARTREUSE 216
CHARTREUSE constant 216
CHOCOLATE 216
CHOCOLATE constant 216
COLORKEY 216
COLORKEY constant 216
CONTROLLER_AXIS_LEFTX 217
CONTROLLER_AXIS_LEFTX constant 217
CONTROLLER_AXIS_LEFTY 217
CONTROLLER_AXIS_LEFTY constant 217
CONTROLLER_AXIS_RIGHTX 217
CONTROLLER_AXIS_RIGHTX constant 217
CONTROLLER_AXIS_RIGHTY 217
CONTROLLER_AXIS_RIGHTY constant 217
CONTROLLER_AXIS_TRIGGERLEFT 217
CONTROLLER_AXIS_TRIGGERLEFT constant 217

CONTROLLER_AXIS_TRIGGERRIGHT 218	CONTROLLER_BUTTON_Y 222
CONTROLLER_AXIS_TRIGGERRIGHT constant 218	CONTROLLER_BUTTON_Y constant 222
CONTROLLER_BUTTON_A 218	CORAL 223
CONTROLLER_BUTTON_A constant 218	CORAL constant 223
CONTROLLER_BUTTON_B 218	CORNFLOWERBLUE 223
CONTROLLER_BUTTON_B constant 218	CORNFLOWERBLUE constant 223
CONTROLLER_BUTTON_BACK 218	CORNSILK 223
CONTROLLER_BUTTON_BACK constant 218	CORNSILK constant 223
CONTROLLER_BUTTON_DPAD_DOWN 219	CR 223
CONTROLLER_BUTTON_DPAD_DOWN constant 219	CR constant 223
CONTROLLER_BUTTON_DPAD_LEFT 219	CRIMSON 223
CONTROLLER_BUTTON_DPAD_LEFT constant 219	CRIMSON constant 223
CONTROLLER_BUTTON_DPAD_RIGHT 219	CRLF 224
CONTROLLER_BUTTON_DPAD_RIGHT constant 219	CRLF constant 224
CONTROLLER_BUTTON_DPAD_UP 219	CYAN 224
CONTROLLER_BUTTON_DPAD_UP constant 219	CYAN constant 224
CONTROLLER_BUTTON_GUIDE 219	CaptureConsoleOutput 176
CONTROLLER_BUTTON_GUIDE constant 219	CaptureConsoleOutput function 176
CONTROLLER_BUTTON_LEFTSHOULDER 220	CircleInRectangle 176
CONTROLLER_BUTTON_LEFTSHOULDER constant 220	CircleInRectangle function 176
CONTROLLER_BUTTON_LEFTSTICK 220	CirclesOverlap 176
CONTROLLER_BUTTON_LEFTSTICK constant 220	CirclesOverlap function 176
CONTROLLER_BUTTON_MISC1 220	Classes 14
CONTROLLER_BUTTON_MISC1 constant 220	ClipVaLue 177
CONTROLLER_BUTTON_PADDLE1 220	ClipVaLue function 177
CONTROLLER_BUTTON_PADDLE1 constant 220	ClipVaLuef 177
CONTROLLER_BUTTON_PADDLE2 221	ClipVaLuef function 177
CONTROLLER_BUTTON_PADDLE2 constant 221	Constants 200
CONTROLLER_BUTTON_PADDLE3 221	CreateDirsInPath 177
CONTROLLER_BUTTON_PADDLE3 constant 221	CreateDirsInPath function 177
CONTROLLER_BUTTON_PADDLE4 221	DARKBLUE 224
CONTROLLER_BUTTON_PADDLE4 constant 221	DARKBLUE constant 224
CONTROLLER_BUTTON_RIGHTSHOULDER 221	DARKCYAN 224
CONTROLLER_BUTTON_RIGHTSHOULDER constant 221	DARKCYAN constant 224
CONTROLLER_BUTTON_RIGHTSTICK 221	DARKGOLDENROD 225
CONTROLLER_BUTTON_RIGHTSTICK constant 221	DARKGOLDENROD constant 225
CONTROLLER_BUTTON_START 222	DARKGRAY 225
CONTROLLER_BUTTON_START constant 222	DARKGRAY constant 225
CONTROLLER_BUTTON_TOUCHPAD 222	DARKGREEN 225
CONTROLLER_BUTTON_TOUCHPAD constant 222	DARKGREEN constant 225
CONTROLLER_BUTTON_X 222	DARKGREY 225
CONTROLLER_BUTTON_X constant 222	DARKGREY constant 225

DARKKHAKI 225	EPSILON 230
DARKKHAKI constant 225	EPSILON constant 230
DARKMAGENTA 226	EasePosition 177
DARKMAGENTA constant 226	EasePosition function 177
DARKOLIVEGREEN 226	EaseValue 178
DARKOLIVEGREEN constant 226	EaseValue function 178
DARKORANGE 226	ExpandRelDirectory 178
DARKORANGE constant 226	ExpandRelDirectory function 178
DARKORCHID 226	ExpandRelFilename 178
DARKORCHID constant 226	ExpandRelFilename function 178
DARKRED 227	ExtractRelativeDirectory 179
DARKRED constant 227	ExtractRelativeDirectory function 179
DARKSALMON 227	ExtractRelativeFilename 179
DARKSALMON constant 227	ExtractRelativeFilename function 179
DARKSEAGREEN 227	FIREBRICK 230
DARKSEAGREEN constant 227	FIREBRICK constant 230
DARKSLATEBLUE 227	FLORALWHITE 230
DARKSLATEBLUE constant 227	FLORALWHITE constant 230
DARKSLATEBROWN 227	FORESTGREEN 230
DARKSLATEBROWN constant 227	FORESTGREEN constant 230
DARKSLATEGRAY 228	FUCHSIA 231
DARKSLATEGRAY constant 228	FUCHSIA constant 231
DARKTURQUOISE 228	Files 312
DARKTURQUOISE constant 228	FreeNilObject 179
DARKVIOLET 228	FreeNilObject function 179
DARKVIOLET constant 228	Functions 173
DEEPPINK 228	GAINSBORO 231
DEEPPINK constant 228	GAINSBORO constant 231
DEEPSKYBLUE 229	GHOSTWHITE 231
DEEPSKYBLUE constant 229	GHOSTWHITE constant 231
DEGTORAD 229	GOLD 231
DEGTORAD constant 229	GOLD constant 231
DIMGRAY 229	GOLDENROD 231
DIMGRAY constant 229	GOLDENROD constant 231
DIMWHITE 229	GRAY 232
DIMWHITE constant 229	GRAY constant 232
DODGERBLUE 229	GREEN 232
DODGERBLUE constant 229	GREEN constant 232
DelphiGamekit.pas 312	GREENYELLOW 232
EBufferException 15	GREENYELLOW constant 232
EBufferException class 15	GREY 232
about EBufferException class 15	GREY constant 232

Game 200	IsValidFilename 183
Game variable 200	IsValidFilename function 183
GetDirName 179	KEY_0 234
GetDirName function 179	KEY_0 constant 234
GetEnvVarValue 180	KEY_1 234
GetEnvVarValue function 180	KEY_1 constant 234
GetExeBasePath 180	KEY_2 234
GetExeBasePath function 180	KEY_2 constant 234
GetExePath 180	KEY_3 235
GetExePath function 180	KEY_3 constant 235
GetFileRWops 180	KEY_4 235
GetFileRWops function 180	KEY_4 constant 235
GetMemRWops 181	KEY_5 235
GetMemRWops function 181	KEY_5 constant 235
GetRandomSeed 181	KEY_6 235
GetRandomSeed function 181	KEY_6 constant 235
GetSemVerStr 181	KEY_7 235
GetSemVerStr function 181	KEY_7 constant 235
GetUUID 181	KEY_8 236
GetUUID function 181	KEY_8 constant 236
GetVersionInfo 182	KEY_9 236
GetVersionInfo function 182	KEY_9 constant 236
HONEYDEW 233	KEY_A 236
HONEYDEW constant 233	KEY_A constant 236
HOTPINK 233	KEY_AC_BACK 236
HOTPINK constant 233	KEY_AC_BACK constant 236
HasConsoleOutput 182	KEY_AC_BOOKMARKS 237
HasConsoleOutput function 182	KEY_AC_BOOKMARKS constant 237
HttpGet 182	KEY_AC_FORWARD 237
HttpGet function 182	KEY_AC_FORWARD constant 237
INDIANRED 233	KEY_AC_HOME 237
INDIANRED constant 233	KEY_AC_HOME constant 237
INDIGO 233	KEY_AC_REFRESH 237
INDIGO constant 233	KEY_AC_REFRESH constant 237
INIEXT 233	KEY_AC_SEARCH 237
INIEXT constant 233	KEY_AC_SEARCH constant 237
IVORY 234	KEY_AC_STOP 238
IVORY constant 234	KEY_AC_STOP constant 238
IsCurrentDir 183	KEY_AGAIN 238
IsCurrentDir function 183	KEY_AGAIN constant 238
IsSingleInstance 183	KEY_ALTERASE 238
IsSingleInstance function 183	KEY_ALTERASE constant 238

KEY_APOSTROPHE 238	KEY_CLEAR 243
KEY_APOSTROPHE constant 238	KEY_CLEAR constant 243
KEY_APP1 239	KEY_CLEARAGAIN 243
KEY_APP1 constant 239	KEY_CLEARAGAIN constant 243
KEY_APP2 239	KEY_COMMA 243
KEY_APP2 constant 239	KEY_COMMA constant 243
KEY_APPLICATION 239	KEY_COMPUTER 244
KEY_APPLICATION constant 239	KEY_COMPUTER constant 244
KEY_AUDIOFASTFORWARD 239	KEY_COPY 244
KEY_AUDIOFASTFORWARD constant 239	KEY_COPY constant 244
KEY_AUDIOMUTE 239	KEY_CRSEL 244
KEY_AUDIOMUTE constant 239	KEY_CRSEL constant 244
KEY_AUDIONEXT 240	KEY_CURRENCYSUBUNIT 244
KEY_AUDIONEXT constant 240	KEY_CURRENCYSUBUNIT constant 244
KEY_AUDIOPLAY 240	KEY_CURRENCYUNIT 245
KEY_AUDIOPLAY constant 240	KEY_CURRENCYUNIT constant 245
KEY_AUDIOPREV 240	KEY_CUT 245
KEY_AUDIOPREV constant 240	KEY_CUT constant 245
KEY_AUDIOREWIND 240	KEY_D 245
KEY_AUDIOREWIND constant 240	KEY_D constant 245
KEY_AUDIOSTOP 241	KEY_DECIMALSEPARATOR 245
KEY_AUDIOSTOP constant 241	KEY_DECIMALSEPARATOR constant 245
KEY_B 241	KEY_DELETE 245
KEY_B constant 241	KEY_DELETE constant 245
KEY_BACKSLASH 241	KEY_DISPLAYSWITCH 246
KEY_BACKSLASH constant 241	KEY_DISPLAYSWITCH constant 246
KEY_BACKSPACE 241	KEY_DOWN 246
KEY_BACKSPACE constant 241	KEY_DOWN constant 246
KEY_BRIGHTNESSDOWN 241	KEY_E 246
KEY_BRIGHTNESSDOWN constant 241	KEY_E constant 246
KEY_BRIGHTNESSUP 242	KEY_EJECT 246
KEY_BRIGHTNESSUP constant 242	KEY_EJECT constant 246
KEY_C 242	KEY_END 247
KEY_C constant 242	KEY_END constant 247
KEY_CALCULATOR 242	KEY_ENDCALL 247
KEY_CALCULATOR constant 242	KEY_ENDCALL constant 247
KEY_CALL 242	KEY_EQUALS 247
KEY_CALL constant 242	KEY_EQUALS constant 247
KEY_CANCEL 243	KEY_ESCAPE 247
KEY_CANCEL constant 243	KEY_ESCAPE constant 247
KEY_CAPSLOCK 243	KEY_EXECUTE 247
KEY_CAPSLOCK constant 243	KEY_EXECUTE constant 247

KEY_F 248	KEY_F6 252
KEY_F constant 248	KEY_F6 constant 252
KEY_F1 248	KEY_F7 253
KEY_F1 constant 248	KEY_F7 constant 253
KEY_F10 248	KEY_F8 253
KEY_F10 constant 248	KEY_F8 constant 253
KEY_F11 248	KEY_F9 253
KEY_F11 constant 248	KEY_F9 constant 253
KEY_F12 249	KEY_FIND 253
KEY_F12 constant 249	KEY_FIND constant 253
KEY_F13 249	KEY_G 253
KEY_F13 constant 249	KEY_G constant 253
KEY_F14 249	KEY_GRAVE 254
KEY_F14 constant 249	KEY_GRAVE constant 254
KEY_F15 249	KEY_H 254
KEY_F15 constant 249	KEY_H constant 254
KEY_F16 249	KEY_HELP 254
KEY_F16 constant 249	KEY_HELP constant 254
KEY_F17 250	KEY_HOME 254
KEY_F17 constant 250	KEY_HOME constant 254
KEY_F18 250	KEY_I 255
KEY_F18 constant 250	KEY_I constant 255
KEY_F19 250	KEY_INSERT 255
KEY_F19 constant 250	KEY_INSERT constant 255
KEY_F2 250	KEY_INTERNATIONAL1 255
KEY_F2 constant 250	KEY_INTERNATIONAL1 constant 255
KEY_F20 251	KEY_INTERNATIONAL2 255
KEY_F20 constant 251	KEY_INTERNATIONAL2 constant 255
KEY_F21 251	KEY_INTERNATIONAL3 255
KEY_F21 constant 251	KEY_INTERNATIONAL3 constant 255
KEY_F22 251	KEY_INTERNATIONAL4 256
KEY_F22 constant 251	KEY_INTERNATIONAL4 constant 256
KEY_F23 251	KEY_INTERNATIONAL5 256
KEY_F23 constant 251	KEY_INTERNATIONAL5 constant 256
KEY_F24 251	KEY_INTERNATIONAL6 256
KEY_F24 constant 251	KEY_INTERNATIONAL6 constant 256
KEY_F3 252	KEY_INTERNATIONAL7 256
KEY_F3 constant 252	KEY_INTERNATIONAL7 constant 256
KEY_F4 252	KEY_INTERNATIONAL8 257
KEY_F4 constant 252	KEY_INTERNATIONAL8 constant 257
KEY_F5 252	KEY_INTERNATIONAL9 257
KEY_F5 constant 252	KEY_INTERNATIONAL9 constant 257

KEY_J 257	KEY_KP_BACKSPACE 262
KEY_J constant 257	KEY_KP_BACKSPACE constant 262
KEY_K 257	KEY_KP_BINARY 262
KEY_K constant 257	KEY_KP_BINARY constant 262
KEY_KBDILLUMDOWN 257	KEY_KP_C 262
KEY_KBDILLUMDOWN constant 257	KEY_KP_C constant 262
KEY_KBDILLUMTOGGLE 258	KEY_KP_CLEAR 262
KEY_KBDILLUMTOGGLE constant 258	KEY_KP_CLEAR constant 262
KEY_KBDILLUMUP 258	KEY_KP_CLEARENTRY 263
KEY_KBDILLUMUP constant 258	KEY_KP_CLEARENTRY constant 263
KEY_KP_0 258	KEY_KP_COLON 263
KEY_KP_0 constant 258	KEY_KP_COLON constant 263
KEY_KP_00 258	KEY_KP_COMMA 263
KEY_KP_00 constant 258	KEY_KP_COMMA constant 263
KEY_KP_000 259	KEY_KP_D 263
KEY_KP_000 constant 259	KEY_KP_D constant 263
KEY_KP_1 259	KEY_KP_DBLAMPERSAND 263
KEY_KP_1 constant 259	KEY_KP_DBLAMPERSAND constant 263
KEY_KP_2 259	KEY_KP_DBLVERTICALBAR 264
KEY_KP_2 constant 259	KEY_KP_DBLVERTICALBAR constant 264
KEY_KP_3 259	KEY_KP_DECIMAL 264
KEY_KP_3 constant 259	KEY_KP_DECIMAL constant 264
KEY_KP_4 259	KEY_KP_DIVIDE 264
KEY_KP_4 constant 259	KEY_KP_DIVIDE constant 264
KEY_KP_5 260	KEY_KP_E 264
KEY_KP_5 constant 260	KEY_KP_E constant 264
KEY_KP_6 260	KEY_KP_ENTER 265
KEY_KP_6 constant 260	KEY_KP_ENTER constant 265
KEY_KP_7 260	KEY_KP_EQUALS 265
KEY_KP_7 constant 260	KEY_KP_EQUALS constant 265
KEY_KP_8 260	KEY_KP_EQUALSAS400 265
KEY_KP_8 constant 260	KEY_KP_EQUALSAS400 constant 265
KEY_KP_9 261	KEY_KP_EXCLAM 265
KEY_KP_9 constant 261	KEY_KP_EXCLAM constant 265
KEY_KP_A 261	KEY_KP_F 265
KEY_KP_A constant 261	KEY_KP_F constant 265
KEY_KP_AMPERSAND 261	KEY_KP_GREATER 266
KEY_KP_AMPERSAND constant 261	KEY_KP_GREATER constant 266
KEY_KP_AT 261	KEY_KP_HASH 266
KEY_KP_AT constant 261	KEY_KP_HASH constant 266
KEY_KP_B 261	KEY_KP_HEXADECIMAL 266
KEY_KP_B constant 261	KEY_KP_HEXADECIMAL constant 266

KEY_KP_LEFTBRACE 266	KEY_KP_TAB 271
KEY_KP_LEFTBRACE constant 266	KEY_KP_TAB constant 271
KEY_KP_LEFTPAREN 267	KEY_KP_VERTICALBAR 271
KEY_KP_LEFTPAREN constant 267	KEY_KP_VERTICALBAR constant 271
KEY_KP_LESS 267	KEY_KP_XOR 271
KEY_KP_LESS constant 267	KEY_KP_XOR constant 271
KEY_KP_MEMADD 267	KEY_L 272
KEY_KP_MEMADD constant 267	KEY_L constant 272
KEY_KP_MEMCLEAR 267	KEY_LALT 272
KEY_KP_MEMCLEAR constant 267	KEY_LALT constant 272
KEY_KP_MEMDIVIDE 267	KEY_LANG1 272
KEY_KP_MEMDIVIDE constant 267	KEY_LANG1 constant 272
KEY_KP_MEMMULTIPLY 268	KEY_LANG2 272
KEY_KP_MEMMULTIPLY constant 268	KEY_LANG2 constant 272
KEY_KP_MEMRECALL 268	KEY_LANG3 273
KEY_KP_MEMRECALL constant 268	KEY_LANG3 constant 273
KEY_KP_MEMSTORE 268	KEY_LANG4 273
KEY_KP_MEMSTORE constant 268	KEY_LANG4 constant 273
KEY_KP_MEMSUBTRACT 268	KEY_LANG5 273
KEY_KP_MEMSUBTRACT constant 268	KEY_LANG5 constant 273
KEY_KP_MINUS 269	KEY_LANG6 273
KEY_KP_MINUS constant 269	KEY_LANG6 constant 273
KEY_KP_MULTIPLY 269	KEY_LANG7 273
KEY_KP_MULTIPLY constant 269	KEY_LANG7 constant 273
KEY_KP_OCTAL 269	KEY_LANG8 274
KEY_KP_OCTAL constant 269	KEY_LANG8 constant 274
KEY_KP_PERCENT 269	KEY_LANG9 274
KEY_KP_PERCENT constant 269	KEY_LANG9 constant 274
KEY_KP_PERIOD 269	KEY_LCTRL 274
KEY_KP_PERIOD constant 269	KEY_LCTRL constant 274
KEY_KP_PLUS 270	KEY_LEFT 274
KEY_KP_PLUS constant 270	KEY_LEFT constant 274
KEY_KP_PLUSMINUS 270	KEY_LEFTBRACKET 275
KEY_KP_PLUSMINUS constant 270	KEY_LEFTBRACKET constant 275
KEY_KP_POWER 270	KEY_LGUI 275
KEY_KP_POWER constant 270	KEY_LGUI constant 275
KEY_KP_RIGHTBRACE 270	KEY_LSHIFT 275
KEY_KP_RIGHTBRACE constant 270	KEY_LSHIFT constant 275
KEY_KP_RIGHTPAREN 271	KEY_M 275
KEY_KP_RIGHTPAREN constant 271	KEY_M constant 275
KEY_KP_SPACE 271	KEY_MAIL 275
KEY_KP_SPACE constant 271	KEY_MAIL constant 275

KEY_MEDIASELECT 276	KEY_Q 280
KEY_MEDIASELECT constant 276	KEY_Q constant 280
KEY_MENU 276	KEY_R 281
KEY_MENU constant 276	KEY_R constant 281
KEY_MINUS 276	KEY_RALT 281
KEY_MINUS constant 276	KEY_RALT constant 281
KEY_MODE 276	KEY_RCTRL 281
KEY_MODE constant 276	KEY_RCTRL constant 281
KEY_MUTE 277	KEY_RETURN 281
KEY_MUTE constant 277	KEY_RETURN constant 281
KEY_N 277	KEY_RETURN2 281
KEY_N constant 277	KEY_RETURN2 constant 281
KEY_NONUSBACKSLASH 277	KEY_RGUI 282
KEY_NONUSBACKSLASH constant 277	KEY_RGUI constant 282
KEY_NONUSHASH 277	KEY_RIGHT 282
KEY_NONUSHASH constant 277	KEY_RIGHT constant 282
KEY_NUMLOCKCLEAR 277	KEY_RIGHTBRACKET 282
KEY_NUMLOCKCLEAR constant 277	KEY_RIGHTBRACKET constant 282
KEY_O 278	KEY_RSHIFT 282
KEY_O constant 278	KEY_RSHIFT constant 282
KEY_OPER 278	KEY_S 283
KEY_OPER constant 278	KEY_S constant 283
KEY_OUT 278	KEY_SCROLLLOCK 283
KEY_OUT constant 278	KEY_SCROLLLOCK constant 283
KEY_P 278	KEY_SELECT 283
KEY_P constant 278	KEY_SELECT constant 283
KEY_PAGEDOWN 279	KEY_SEMICOLON 283
KEY_PAGEDOWN constant 279	KEY_SEMICOLON constant 283
KEY_PAGEUP 279	KEY_SEPARATOR 283
KEY_PAGEUP constant 279	KEY_SEPARATOR constant 283
KEY_PASTE 279	KEY_SLASH 284
KEY_PASTE constant 279	KEY_SLASH constant 284
KEY_PAUSE 279	KEY_SLEEP 284
KEY_PAUSE constant 279	KEY_SLEEP constant 284
KEY_PERIOD 279	KEY_SOFTLEFT 284
KEY_PERIOD constant 279	KEY_SOFTLEFT constant 284
KEY_POWER 280	KEY_SOFTRIGHT 284
KEY_POWER constant 280	KEY_SOFTRIGHT constant 284
KEY_PRINTSCREEN 280	KEY_SPACE 285
KEY_PRINTSCREEN constant 280	KEY_SPACE constant 285
KEY_PRIOR 280	KEY_STOP 285
KEY_PRIOR constant 280	KEY_STOP constant 285

KEY_SYSREQ 285	LIGHTBLUE 290
KEY_SYSREQ constant 285	LIGHTBLUE constant 290
KEY_T 285	LIGHTCORAL 290
KEY_T constant 285	LIGHTCORAL constant 290
KEY_TAB 285	LIGHTCYAN 290
KEY_TAB constant 285	LIGHTCYAN constant 290
KEY_THOUSANDSSEPARATOR 286	LIGHTGOLDENRODYELLOW 290
KEY_THOUSANDSSEPARATOR constant 286	LIGHTGOLDENRODYELLOW constant 290
KEY_U 286	LIGHTGRAY 291
KEY_U constant 286	LIGHTGRAY constant 291
KEY_UNDO 286	LIGHTGREEN 291
KEY_UNDO constant 286	LIGHTGREEN constant 291
KEY_UP 286	LIGHTGREY 291
KEY_UP constant 286	LIGHTGREY constant 291
KEY_V 287	LIGHTPINK 291
KEY_V constant 287	LIGHTPINK constant 291
KEY_VOLUMEDOWN 287	LIGHTSALMON 291
KEY_VOLUMEDOWN constant 287	LIGHTSALMON constant 291
KEY_VOLUMEUP 287	LIGHTSEAGREEN 292
KEY_VOLUMEUP constant 287	LIGHTSEAGREEN constant 292
KEY_W 287	LIGHTSKYBLUE 292
KEY_W constant 287	LIGHTSKYBLUE constant 292
KEY_WWW 287	LIGHTSLATEGRAY 292
KEY_WWW constant 287	LIGHTSLATEGRAY constant 292
KEY_X 288	LIGHTSLATEGREY 292
KEY_X constant 288	LIGHTSLATEGREY constant 292
KEY_Y 288	LIGHTSTEELBLUE 293
KEY_Y constant 288	LIGHTSTEELBLUE constant 293
KEY_Z 288	LIGHTYELLOW 293
KEY_Z constant 288	LIGHTYELLOW constant 293
KHAKI 288	LIME 293
KHAKI constant 288	LIME constant 293
LAVENDER 289	LIMEGREEN 293
LAVENDER constant 289	LIMEGREEN constant 293
LAVENDERBLUSH 289	LINEN 293
LAVENDERBLUSH constant 289	LINEN constant 293
LAWNGREEN 289	LOGEXT 294
LAWNGREEN constant 289	LOGEXT constant 294
LEMONCHIFFON 289	Lerp 183
LEMONCHIFFON constant 289	Lerp function 183
LF 289	LineIntersection 184
LF constant 289	LineIntersection function 184

LuSCANCODE_EXSEL 294	OGGEXT 298
LuSCANCODE_EXSEL constant 294	OGGEXT constant 298
MAGENTA 294	OLDLACE 299
MAGENTA constant 294	OLDLACE constant 299
MAROON 294	OLIVE 299
MAROON constant 294	OLIVE constant 299
MEDIUMAQUAMARINE 295	OLIVEDRAB 299
MEDIUMAQUAMARINE constant 295	OLIVEDRAB constant 299
MEDIUMBLUE 295	ORANGE 299
MEDIUMBLUE constant 295	ORANGE constant 299
MEDIUMORCHID 295	ORANGERED 299
MEDIUMORCHID constant 295	ORANGERED constant 299
MEDIUMPURPLE 295	ORCHID 300
MEDIUMPURPLE constant 295	ORCHID constant 300
MEDIUMSEAGREEN 295	OVERLAY1 300
MEDIUMSEAGREEN constant 295	OVERLAY1 constant 300
MEDIUMSLATEBLUE 296	OVERLAY2 300
MEDIUMSLATEBLUE constant 296	OVERLAY2 constant 300
MEDIUMSPRINGGREEN 296	PALEGOLDENROD 300
MEDIUMSPRINGGREEN constant 296	PALEGOLDENROD constant 300
MEDIUMTURQUOISE 296	PALEGREEN 301
MEDIUMTURQUOISE constant 296	PALEGREEN constant 301
MEDIUMVIOLETRED 296	PALETURQUOISE 301
MEDIUMVIOLETRED constant 296	PALETURQUOISE constant 301
MIDNIGHTBLUE 297	PALEVIOLETRED 301
MIDNIGHTBLUE constant 297	PALEVIOLETRED constant 301
MINTCREAM 297	PAPAYAWHIP 301
MINTCREAM constant 297	PAPAYAWHIP constant 301
MISTYROSE 297	PColor 197
MISTYROSE constant 297	PColor type 197
MOCCASIN 297	PEACHPUFF 301
MOCCASIN constant 297	PEACHPUFF constant 301
MPGEXT 297	PERU 302
MPGEXT constant 297	PERU constant 302
Marshaller 200	PINK 302
Marshaller variable 200	PINK constant 302
NAN 298	PLUM 302
NAN constant 298	PLUM constant 302
NAVAJOWHITE 298	PNGEXT 302
NAVAJOWHITE constant 298	PNGEXT constant 302
NAVY 298	POWDERBLUE 303
NAVY constant 298	POWDERBLUE constant 303

PPoint 197	RandomRange 187
PPoint type 197	RandomRange function 187
PRect 198	ReadStringFromStream 188
PRect type 198	ReadStringFromStream function 188
PURPLE 303	RectangleIntersection 188
PURPLE constant 303	RectangleIntersection function 188
PVector 198	RectanglesOverlap 188
PVector type 198	RectanglesOverlap function 188
PVideo 198	RemoveDuplicates 188
PVideo type 198	RemoveDuplicates function 188
Pause 184	RemoveDuplicates2 189
Pause function 184	RemoveDuplicates2 function 189
PointInCircle 184	RemoveQuotes 189
PointInCircle function 184	RemoveQuotes function 189
PointInRectangle 184	RemoveSelfFromUserPath 189
PointInRectangle function 184	RemoveSelfFromUserPath function 189
PointInTriangle 185	ResourceExists 189
PointInTriangle function 185	ResourceExists function 189
Print 185	RunGame 190
Print function 185	RunGame function 190
PrintLn 186	SADDLEBROWN 304
PrintLn function 186	SADDLEBROWN constant 304
ProcessMessages 186	SALMON 305
ProcessMessages function 186	SALMON constant 305
RADTODEG 303	SANDYBROWN 305
RADTODEG constant 303	SANDYBROWN constant 305
REBECCAPURPLE 303	SEAGREEN 305
REBECCAPURPLE constant 303	SEAGREEN constant 305
RED 303	SEASHELL 305
RED constant 303	SEASHELL constant 305
RED2 304	SIENNA 305
RED2 constant 304	SIENNA constant 305
ROSYBROWN 304	SILVER 306
ROSYBROWN constant 304	SILVER constant 306
ROYALBLUE 304	SKYBLUE 306
ROYALBLUE constant 304	SKYBLUE constant 306
RadiusOverlap 187	SLATEBLUE 306
RadiusOverlap function 187	SLATEBLUE constant 306
RandomBool 187	SLATEGRAY 306
RandomBool function 187	SLATEGRAY constant 306
RandomRange 187	SLATEGREY 307
RandomRange function 187	SLATEGREY constant 307

SNOW 307	about TAScreenshake class 15
SNOW constant 307	TAScreenshake.Active 17
SPRINGGREEN 307	TAScreenshake.Create 16
SPRINGGREEN constant 307	TAScreenshake.Destroy 17
STEELBLUE 307	TAScreenshake.FActive 15
STEELBLUE constant 307	TAScreenshake.FDuration 16
SameSign 190	TAScreenshake.FMagnitude 16
SameSign function 190	TAScreenshake.FPos 16
SameSignf 190	TAScreenshake.FTimer 16
SameSignf function 190	TAScreenshake.Process 17
SameVaLue 190	TArchive 17
SameVaLue function 190	TArchive class 17
SameVaLuef 191	Build 18
SameVaLuef function 191	Close 18
SetEnvVarValue 191	Create 18
SetEnvVarValue function 191	Destroy 19
SetGlobalEnvironment 191	FileExist 19
SetGlobalEnvironment function 191	IsOpen 19
SetRandomSeed 191	Open 19
SetRandomSeed function 191	OpenFile 19
ShellOpen 192	OpenFileBuffer 20
ShellOpen function 192	OpenFileRWops 20
SmoothMove 192	OpenRes 20
SmoothMove function 192	TArchive methods 18
Structs, Records, Enums 193	about TArchive class 17
Symbol Reference 1	TArchive.Build 18
TAN 307	TArchive.Close 18
TAN constant 307	TArchive.Create 18
TAScreenshake 15	TArchive.Destroy 19
TAScreenshake class 15	TArchive.FileExist 19
Active 17	TArchive.IsOpen 19
Create 16	TArchive.Open 19
Destroy 17	TArchive.OpenFile 19
FActive 15	TArchive.OpenFileBuffer 20
FDuration 16	TArchive.OpenFileRWops 20
FMagnitude 16	TArchive.OpenRes 20
FPos 16	TArchiveFile 20
FTimer 16	TArchiveFile class 20
Process 17	Close 21
TAScreenshake fields 15	Create 21
TAScreenshake methods 16	Destroy 21
TAScreenshake properties 17	GetPos 22

GetRWops 22	TAsync.Finalize 26
GetRWopsRes 22	TAsync.Initialize 26
IsOpen 22	TAsync.Leave 25
Open 22	TAsync.Process 25
OpenRes 23	TAsync.Resume 25
ReadData 23	TAsync.Run 25
SaveToBuffer 23	TAsync.Suspend 26
SaveToFile 23	TAsyncProc 198
SetPos 23	TAsyncProc type 198
Size 24	TAsyncThread 26
TArchiveFile methods 21	TAsyncThread class 26
about TArchiveFile class 20	Create 28
TArchiveFile.Close 21	Destroy 28
TArchiveFile.Create 21	Execute 28
TArchiveFile.Destroy 21	FFinished 27
TArchiveFile.GetPos 22	FTask 27
TArchiveFile.GetRWops 22	FWait 27
TArchiveFile.GetRWopsRes 22	Finished 28
TArchiveFile.IsOpen 22	TAsyncThread fields 27
TArchiveFile.Open 22	TAsyncThread methods 27
TArchiveFile.OpenRes 23	TAsyncThread properties 28
TArchiveFile.ReadData 23	TaskProc 28
TArchiveFile.SaveToBuffer 23	WaitProc 29
TArchiveFile.SaveToFile 23	about TAsyncThread class 26
TArchiveFile.SetPos 23	TAsyncThread.Create 28
TArchiveFile.Size 24	TAsyncThread.Destroy 28
TAsync 24	TAsyncThread.Execute 28
TAsync record 24	TAsyncThread.FFinished 27
Busy 24	TAsyncThread.FTask 27
Enter 25	TAsyncThread.FWait 27
Finalize 26	TAsyncThread.Finished 28
Initialize 26	TAsyncThread.TaskProc 28
Leave 25	TAsyncThread.WaitProc 29
Process 25	TAudio 29
Resume 25	TAudio record 29
Run 25	AllocateSoundChannels 30
Suspend 26	ExpireSound 30
TAsync methods 24	FadeInSound 30
TAsync operators 26	FadeOutSound 30
about TAsync record 24	FadingSound 31
TAsync.Busy 24	Finalize 35
TAsync.Enter 25	GetMusicVolume 31

GetSoundVolume 31	TAudio.SetSoundVolume 34
Initialize 35	TAudio.StopSound 34
IsSoundPaused 31	TAudio.UnloadMusic 34
IsSoundPlaying 31	TAudio.UnloadSound 35
LoadMusic 32	TAudioFading 194
LoadPlayMusic 32	TAudioFading enumeration 194
LoadSound 32	TBaseObject 35
PauseSound 32	TBaseObject class 35
PlayMusic 33	Create 36
PlaySound 33	Destroy 36
ReserveSoundChannels 33	TBaseObject methods 36
ResumeSound 33	about TBaseObject class 35
SetMusicVolume 33	TBaseObject.Create 36
SetSoundPosition 34	TBaseObject.Destroy 36
SetSoundVolume 34	TBlendMode 194
StopSound 34	TBlendMode enumeration 194
TAudio methods 29	TBuffer 36
TAudio operators 35	TBuffer class 36
UnloadMusic 34	Clear 37
UnloadSound 35	Create 37
about TAudio record 29	Destroy 38
TAudio.AllocateSoundChannels 30	FHandle 37
TAudio.ExpireSound 30	FName 37
TAudio.FadeInSound 30	LoadFromFile 38
TAudio.FadeOutSound 30	Name 39
TAudio.FadingSound 31	SaveToFile 38
TAudio.Finalize 35	TBuffer fields 36
TAudio.GetMusicVolume 31	TBuffer methods 37
TAudio.GetSoundVolume 31	TBuffer properties 39
TAudio.Initialize 35	Write 38
TAudio.IsSoundPaused 31	about TBuffer class 36
TAudio.IsSoundPlaying 31	TBuffer.Clear 37
TAudio.LoadMusic 32	TBuffer.Create 37
TAudio.LoadPlayMusic 32	TBuffer.Destroy 38
TAudio.LoadSound 32	TBuffer.FHandle 37
TAudio.PauseSound 32	TBuffer.FName 37
TAudio.PlayMusic 33	TBuffer.LoadFromFile 38
TAudio.PlaySound 33	TBuffer.Name 39
TAudio.ReserveSoundChannels 33	TBuffer.SaveToFile 38
TAudio.ResumeSound 33	TBuffer.Write 38
TAudio.SetMusicVolume 33	TCaptureConsoleOutputEvent 198
TAudio.SetSoundPosition 34	TCaptureConsoleOutputEvent type 198

TCloudDb 39	TCloudDb.ClearSQLText 43
TCloudDb class 39	TCloudDb.Create 43
AddSQLText 43	TCloudDb.Destroy 43
ClearSQLText 43	TCloudDb.Execute 44
Create 43	TCloudDb.ExecuteSQL 44
Destroy 43	TCloudDb.FApiKey 40
Execute 44	TCloudDb.FDatabase 40
ExecuteSQL 44	TCloudDb.FDataset 40
FApiKey 40	TCloudDb.FHttp 41
FDatabase 40	TCloudDb.FJSON 41
FDataset 40	TCloudDb.FLastError 41
FHttp 41	TCloudDb.FMacros 41
FJSON 41	TCloudDb.FParams 41
FLastError 41	TCloudDb.FPreparedSQL 41
FMacros 41	TCloudDb.FResponseText 42
FParams 41	TCloudDb.FSQL 42
FPreparedSQL 41	TCloudDb.FURL 42
FResponseText 42	TCloudDb.GetField 44
FSQL 42	TCloudDb.GetLastError 44
FURL 42	TCloudDb.GetMacro 44
GetField 44	TCloudDb.GetParam 45
GetLastError 44	TCloudDb.GetPreparedSQL 45
GetMacro 44	TCloudDb.GetQueryURL 45
GetParam 45	TCloudDb.GetResponseText 45
GetPreparedSQL 45	TCloudDb.GetSQLText 45
GetQueryURL 45	TCloudDb.Prepare 46
GetResponseText 45	TCloudDb.RecordCount 46
GetSQLText 45	TCloudDb.SetMacro 46
Prepare 46	TCloudDb.SetMacroValue 46
RecordCount 46	TCloudDb.SetParam 46
SetMacro 46	TCloudDb.SetParamValue 47
SetMacroValue 46	TCloudDb.SetSQLText 47
SetParam 46	TCloudDb.Setup 47
SetParamValue 47	TCloudDb.cURL 39
SetSQLText 47	TCmdLine 47
Setup 47	TCmdLine record 47
TCloudDb constants 39	AddParam 48
TCloudDb fields 40	AddParams 48
TCloudDb methods 42	Clear 48
about TCloudDb class 39	Count 48, 49
cURL 39	Finalize 50
TCloudDb.AddSQLText 43	Initialize 51

- Param 49
- ParamExist 49
- ParamIndex 49
- ParamValue 50
- Reset 50
- Str 50
- TCmdLine methods 47
- TCmdLine operators 50
 - about TCmdLine record 47
- TCmdLine.AddParam 48
- TCmdLine.AddParams 48
- TCmdLine.Clear 48
- TCmdLine.Count 48, 49
- TCmdLine.Finalize 50
- TCmdLine.Initialize 51
- TCmdLine.Param 49
- TCmdLine.ParamExist 49
- TCmdLine.ParamIndex 49
- TCmdLine.ParamValue 50
- TCmdLine.Reset 50
- TCmdLine.Str 50
- TColor 51
- TColor record 51
 - Alpha 51
 - Blue 52
 - Clear 52
 - Equal 52
 - Fade 53
 - Green 52
 - Implicit 54
 - Make 53
 - Makef 53
 - Red 52
 - TColor fields 51
 - TColor methods 52
 - TColor operators 53
 - about TColor record 51
- TColor.Alpha 51
- TColor.Blue 52
- TColor.Clear 52
- TColor.Equal 52
- TColor.Fade 53
- TColor.Green 52
- TColor.Implicit 54
- TColor.Make 53
- TColor.Makef 53
- TColor.Red 52
- TConfigFile 54
- TConfigFile class 54
 - Close 55
 - Create 55
 - Destroy 55
 - GetSectionValue 55, 56
 - GetSectionValues 56
 - GetValue 56, 57
 - Open 57
 - Opened 57
 - RemoveKey 58
 - RemoveSection 58
 - SetValue 58, 59
 - TConfigFile methods 54
 - Update 59
 - about TConfigFile class 54
- TConfigFile.Close 55
- TConfigFile.Create 55
- TConfigFile.Destroy 55
- TConfigFile.GetSectionValue 55, 56
- TConfigFile.GetSectionValues 56
- TConfigFile.GetValue 56, 57
- TConfigFile.Open 57
- TConfigFile.Opened 57
- TConfigFile.RemoveKey 58
- TConfigFile.RemoveSection 58
- TConfigFile.SetValue 58, 59
- TConfigFile.Update 59
- TController 59
- TController record 59
 - ButtonDown 60
 - ButtonPressed 60
 - ButtonReleased 60
 - Clear 60
 - Close 61
 - GetAxis 61
 - Open 61

Shutdown 61	FHeight 65
Startup 61	FLastFrame 65
TController methods 59	FLoopFrame 65
Update 62	FOrigin 65
about TController record 59	FPos 65
TController.ButtonDown 60	FRadius 66
TController.ButtonPressed 60	FRenderPolyPoint 66
TController.ButtonReleased 60	FScale 66
TController.Clear 60	FShrinkFactor 66
TController.Close 61	FSprite 66
TController.GetAxis 61	FWidth 66
TController.Open 61	FirstFrame 70
TController.Shutdown 61	FlipMode 70
TController.Startup 61	Frame 70
TController.Update 62	FrameFPS 70
TEAL 308	FullyVisible 70
TEAL constant 308	Group 71
TEaseType 194	Height 71
TEaseType enumeration 194	Init 71
TEntity 62	LastFrame 71
TEntity class 62	LoopFrame 71
Angle 68	NextFrame 72
AngleOffset 68	Overlap 72
BlendMode 79	Pos 72
CollidePolyPoint 68	PrevFrame 72
CollidePolyPointPoint 68	Radius 73
Color 69	Render 73
Create 69	RenderAt 73
CreateEntity 69	RotateAbs 73
Destroy 69	RotateRel 73
Dir 69	RotateToAngle 74
FAngle 63	RotateToPos 74
FAngleOffset 63	RotateToPosAt 74
FBlendMode 63	Scale 74
FColor 63	ScaleAbs 75
FDir 63	ScaleRel 75
FFirstFrame 64	SetAngleOffset 75
FFlipMode 64	SetColor 75
FFrame 64	SetFlipMode 75
FFrameFPS 64	SetFrame 76
FFrameTimer 64	SetFrameFPS 76
FGroup 64	SetFrameRange 76

SetLoopFrame 76	TEntity.FPos 65
SetPosAbs 76	TEntity.FRadius 66
SetPosRel 77	TEntity.FRenderPolyPoint 66
SetRenderPolyPoint 77	TEntity.FScale 66
SetShrinkFactor 77	TEntity.FShrinkFactor 66
ShrinkFactor 77	TEntity.FSprite 66
Sprite 78	TEntity.FWidth 66
TEntity fields 62	TEntity.FirstFrame 70
TEntity methods 67	TEntity.FlipMode 70
TEntity properties 79	TEntity.Frame 70
Thrust 78	TEntity.FrameFPS 70
ThrustAngle 78	TEntity.FullyVisible 70
ThrustToPos 78	TEntity.Group 71
TracePolyPoint 78	TEntity.Height 71
Visible 79	TEntity.Init 71
Width 79	TEntity.LastFrame 71
about TEntity class 62	TEntity.LoopFrame 71
TEntity.Angle 68	TEntity.NextFrame 72
TEntity.AngleOffset 68	TEntity.Overlap 72
TEntity.BlendMode 79	TEntity.Pos 72
TEntity.CollidePolyPoint 68	TEntity.PrevFrame 72
TEntity.CollidePolyPointPoint 68	TEntity.Radius 73
TEntity.Color 69	TEntity.Render 73
TEntity.Create 69	TEntity.RenderAt 73
TEntity.CreateEntity 69	TEntity.RotateAbs 73
TEntity.Destroy 69	TEntity.RotateRel 73
TEntity.Dir 69	TEntity.RotateToAngle 74
TEntity.FAngle 63	TEntity.RotateToPos 74
TEntity.FAngleOffset 63	TEntity.RotateToPosAt 74
TEntity.FBlendMode 63	TEntity.Scale 74
TEntity.FColor 63	TEntity.ScaleAbs 75
TEntity.FDir 63	TEntity.ScaleRel 75
TEntity.FFirstFrame 64	TEntity.SetAngleOffset 75
TEntity.FFlipMode 64	TEntity.SetColor 75
TEntity.FFrame 64	TEntity.SetFlipMode 75
TEntity.FFrameFPS 64	TEntity.SetFrame 76
TEntity.FFrameTimer 64	TEntity.SetFrameFPS 76
TEntity.FGroup 64	TEntity.SetFrameRange 76
TEntity.FHeight 65	TEntity.SetLoopFrame 76
TEntity.FLastFrame 65	TEntity.SetPosAbs 76
TEntity.FLoopFrame 65	TEntity.SetPosRel 77
TEntity.FOrigin 65	TEntity.SetRenderPolyPoint 77

TEntity.SetShrinkFactor 77	about TFont class 80
TEntity.ShrinkFactor 77	cDefaultGlyphs 80
TEntity.Sprite 78	TFont.Atlas 86
TEntity.Thrust 78	TFont.AtlasSize 86
TEntity.ThrustAngle 78	TFont.Create 83
TEntity.ThrustToPos 78	TFont.Destroy 83
TEntity.TracePolyPoint 78	TFont.DrawText 83
TEntity.Visible 79	TFont.FAtlas 81
TEntity.Width 79	TFont.FAtlasSize 81
TFlipMode 195	TFont.FBaseLine 81
TFlipMode enumeration 195	TFont.FGeometry 81
TFont 80	TFont.FGlyph 82
TFont class 80	TFont.FUseVertexBuffer 82
Atlas 86	TFont.FVertexBufferSize 82
AtlasSize 86	TFont.GetUseVertexBuffer 83
Create 83	TFont.GetVertexBufferSize 84
Destroy 83	TFont.Load 84
DrawText 83	TFont.LoadDefault 84
FAtlas 81	TFont.PGlyph 86
FAtlasSize 81	TFont.RenderVertices 85
FBaseLine 81	TFont.SetUseVertexBuffer 85
FGeometry 81	TFont.SetVertexBufferSize 85
FGlyph 82	TFont.TGlyph 80
FUseVertexBuffer 82	TFont.TGlyph record 80
FVertexBufferSize 82	TFont.TextHeight 85
GetUseVertexBuffer 83	TFont.TextLength 85
GetVertexBufferSize 84	TFont.Unload 86
Load 84	TFont.cDefaultGlyphs 80
LoadDefault 84	TGame 87
PGlyph 86	TGame class 87
RenderVertices 85	Archive 98
SetUseVertexBuffer 85	Async 98
SetVertexBufferSize 85	Audio 98
TFont constants 80	CmdLine 98
TFont fields 81	ConfigFile 98
TFont methods 82	Create 92
TFont nested types 86	DefaultFont 99
TFont properties 86	Destroy 93
TFont records 80	FArchive 88
TextHeight 85	FAsync 88
TextLength 85	FAudio 88
Unload 86	FCmdLine 89

FConfigFile 89	Screenshake 100
FDefaultFont 89	Settings 97
FHud 89	Shutdown 97
FInput 89	Speech 100
FLog 90	Sprite 100
FMousePos 90	Startup 97
FPrefs 90	TGame fields 88
FReady 90	TGame methods 92
FScreenshake 90	TGame nested types 101
FSettings 90	TGame properties 97
FSpeech 91	TGame records 87
FSprite 91	Terminate 100
FTerminate 91	Timer 100
FTimer 91	Video 101
FVideo 91	Window 101
FWindow 92	about TGame class 87
Hud 99	TGame.Archive 98
Input 99	TGame.Async 98
Log 99	TGame.Audio 98
MousePos 99	TGame.CmdLine 98
OnApplySettings 93	TGame.ConfigFile 98
OnBuildArchiveProgress 93	TGame.Create 92
OnClearWindow 93	TGame.DefaultFont 99
OnFixedUpdate 93	TGame.Destroy 93
OnLoadConfig 94	TGame.FArchive 88
OnReady 94	TGame.FAsync 88
OnRender 94	TGame.FAudio 88
OnRenderHud 94	TGame.FCmdLine 89
OnSaveConfig 94	TGame.FConfigFile 89
OnSetSettings 94	TGame.FDefaultFont 89
OnShowWindow 95	TGame.FHud 89
OnShutdown 95	TGame.FInput 89
OnSpeechWord 95	TGame.FLog 90
OnStartup 95	TGame.FMousePos 90
OnUnapplySettings 95	TGame.FPrefs 90
OnUpdate 96	TGame.FReady 90
OnVideoStatus 96	TGame.FScreenshake 90
PSettings 101	TGame.FSettings 90
Prefs 99	TGame.FSpeech 91
Process 96	TGame.FSprite 91
Run 96	TGame.FTerminate 91
SDKVersion 96	TGame.FTimer 91

TGame.FVideo 91	TGeometry 101
TGame.FWindow 92	TGeometry class 101
TGame.Hud 99	AddVertex 102
TGame.Input 99	Alloc 102
TGame.Log 99	Create 102
TGame.MousePos 99	Destroy 102
TGame.OnApplySettings 93	Render 103
TGame.OnBuildArchiveProgress 93	Reset 103
TGame.OnClearWindow 93	TGeometry methods 102
TGame.OnFixedUpdate 93	about TGeometry class 101
TGame.OnLoadConfig 94	TGeometry.AddVertex 102
TGame.OnReady 94	TGeometry.Alloc 102
TGame.OnRender 94	TGeometry.Create 102
TGame.OnRenderHud 94	TGeometry.Destroy 102
TGame.OnSaveConfig 94	TGeometry.Render 103
TGame.OnSetSettings 94	TGeometry.Reset 103
TGame.OnShowWindow 95	THAlign 195
TGame.OnShutdown 95	THAlign enumeration 195
TGame.OnSpeechWord 95	THISTLE 308
TGame.OnStartup 95	THISTLE constant 308
TGame.OnUnapplySettings 95	THud 103
TGame.OnUpdate 96	THud record 103
TGame.OnVideoStatus 96	Finalize 105
TGame.PSettings 101	Initialize 105
TGame.Prefs 99	ResetPos 104
TGame.Process 96	SetLineSpace 104
TGame.Run 96	SetPos 104
TGame.SDKVersion 96	SetTextItemPadWidth 104
TGame.Screenshake 100	THud methods 103
TGame.Settings 97	THud operators 105
TGame.Shutdown 97	Text 104
TGame.Speech 100	TextItem 105
TGame.Sprite 100	about THud record 103
TGame.Startup 97	THud.Finalize 105
TGame.TSettings 87	THud.Initialize 105
TGame.TSettings record 87	THud.ResetPos 104
TGame.Terminate 100	THud.SetLineSpace 104
TGame.Timer 100	THud.SetPos 104
TGame.Video 101	THud.SetTextItemPadWidth 104
TGame.Window 101	THud.Text 104
TGameClass 199	THud.TextItem 105
TGameClass type 199	TIMER_FIXEDUPDATE_SPEED 308

TIMER_FIXEDUPDATE_SPEED constant 308	TInput.SetMousePos 109
TIMER_UPDATE_SPEED 308	TInput.Update 109
TIMER_UPDATE_SPEED constant 308	TLineIntersection 195
TInput 105	TLineIntersection enumeration 195
TInput record 105	TLog 110
Clear 106	TLog record 110
Close 106	Add 111
ControllerDown 106	Close 111
ControllerPosition 107	Fatal 111
ControllerPressed 107	Finalize 113
ControllerReleased 107	GetConsoleOutput 111
Finalize 110	GetFilename 111
GetMouseInfo 107	Initialize 113
Initialize 110	Open 112
KeyDown 108	Opened 112
KeyPressed 108	Reset 112
KeyReleased 108	SetConsoleOutput 112
MouseDown 108	TLog methods 110
MousePressed 108	TLog operators 113
MouseReleased 109	View 112
Open 109	about TLog record 110
SetMousePos 109	TLog.Add 111
TInput methods 106	TLog.Close 111
TInput operators 109	TLog.Fatal 111
Update 109	TLog.Finalize 113
about TInput record 105	TLog.GetConsoleOutput 111
TInput.Clear 106	TLog.GetFilename 111
TInput.Close 106	TLog.Initialize 113
TInput.ControllerDown 106	TLog.Open 112
TInput.ControllerPosition 107	TLog.Opened 112
TInput.ControllerPressed 107	TLog.Reset 112
TInput.ControllerReleased 107	TLog.SetConsoleOutput 112
TInput.Finalize 110	TLog.View 112
TInput.GetMouseInfo 107	TMusic 199
TInput.Initialize 110	TMusic type 199
TInput.KeyDown 108	TOMATO 309
TInput.KeyPressed 108	TOMATO constant 309
TInput.KeyReleased 108	TPoint 113
TInput.MouseDown 108	TPoint record 113
TInput.MousePressed 108	Create 114
TInput.MouseReleased 109	Implicit 115
TInput.Open 109	Initialize 115

- TPoint fields 113
- TPoint methods 114
- TPoint operators 115
- X 114
- Y 114
- Z 114
- about TPoint record 113
- TPoint.Create 114
- TPoint.Implicit 115
- TPoint.Initialize 115
- TPoint.X 114
- TPoint.Y 114
- TPoint.Z 114
- TPolyPoint 116
- TPolyPoint class 116
 - AddPoint 117
 - Clear 117
 - Collide 117
 - CollidePoint 118
 - CopyFrom 118
 - Count 118
 - Create 118
 - Destroy 119
 - FCount 116
 - FPolygon 116
 - Load 119
 - Polygon 119
 - Render 119
 - Save 120
 - TPolyPoint fields 116
 - TPolyPoint methods 116
 - TraceFromSprite 120
 - TraceFromTexture 120
 - Valid 120
 - about TPolyPoint class 116
- TPolyPoint.AddPoint 117
- TPolyPoint.Clear 117
- TPolyPoint.Collide 117
- TPolyPoint.CollidePoint 118
- TPolyPoint.CopyFrom 118
- TPolyPoint.Count 118
- TPolyPoint.Create 118
- TPolyPoint.Destroy 119
- TPolyPoint.FCount 116
- TPolyPoint.FPolygon 116
- TPolyPoint.Load 119
- TPolyPoint.Polygon 119
- TPolyPoint.Render 119
- TPolyPoint.Save 120
- TPolyPoint.TraceFromSprite 120
- TPolyPoint.TraceFromTexture 120
- TPolyPoint.Valid 120
- TPolygon 121
- TPolygon class 121
 - AddLocalPoint 122
 - Clear 123
 - CopyFrom 123
 - Create 123
 - Destroy 123
 - FItemCount 121
 - FSegment 122
 - FWorldPoint 122
 - Load 123
 - LocalPoint 124
 - PointCount 124
 - Render 124
 - Save 124
 - SegmentVisible 124
 - SetSegmentVisible 125
 - TPolygon fields 121
 - TPolygon methods 122
 - TPolygon records 121
 - Transform 125
 - WorldPoint 125
 - about TPolygon class 121
- TPolygon.AddLocalPoint 122
- TPolygon.Clear 123
- TPolygon.CopyFrom 123
- TPolygon.Create 123
- TPolygon.Destroy 123
- TPolygon.FItemCount 121
- TPolygon.FSegment 122
- TPolygon.FWorldPoint 122
- TPolygon.Load 123

TPolygon.LocalPoint 124	about TPrefs record 128
TPolygon.PointCount 124	TPrefs.Finalize 129
TPolygon.Render 124	TPrefs.GetAppName 128
TPolygon.Save 124	TPrefs.GetOrgName 128
TPolygon.SegmentVisible 124	TPrefs.GetPath 128
TPolygon.SetSegmentVisible 125	TPrefs.GotoPath 129
TPolygon.TSegment 121	TPrefs.Initialize 130
TPolygon.TSegment record 121	TPrefs.SetAppName 129
TPolygon.Transform 125	TPrefs.SetOrgName 129
TPolygon.WorldPoint 125	TRect 130
TPolypointTrace 125	TRect record 130
TPolypointTrace record 125	Assign 131
AddPoint 126	Create 131
ApplyPolyPoint 126	Height 130
DelPoint 126	Implicit 132
Done 127	Initialize 133
GetPointCount 127	Intersect 132
Init 127	TRect fields 130
PrimaryTrace 127	TRect methods 131
SimplifyPoly 127	TRect operators 132
TPolypointTrace methods 126	Width 130
about TPolypointTrace record 125	X 131
TPolypointTrace.AddPoint 126	Y 131
TPolypointTrace.ApplyPolyPoint 126	about TRect record 130
TPolypointTrace.DelPoint 126	TRect.Assign 131
TPolypointTrace.Done 127	TRect.Create 131
TPolypointTrace.GetPointCount 127	TRect.Height 130
TPolypointTrace.Init 127	TRect.Implicit 132
TPolypointTrace.PrimaryTrace 127	TRect.Initialize 133
TPolypointTrace.SimplifyPoly 127	TRect.Intersect 132
TPrefs 128	TRect.Width 130
TPrefs record 128	TRect.X 131
Finalize 129	TRect.Y 131
GetAppName 128	TScreenshake 133
GetOrgName 128	TScreenshake record 133
GetPath 128	Active 133
GotoPath 129	Clear 134
Initialize 130	Finalize 134
SetAppName 129	Initialize 135
SetOrgName 129	Process 134
TPrefs methods 128	Start 134
TPrefs operators 129	TScreenshake methods 133

- TScreenshake operators 134
 - about TScreenshake record 133
- TScreenshake.Active 133
- TScreenshake.Clear 134
- TScreenshake.Finalize 134
- TScreenshake.Initialize 135
- TScreenshake.Process 134
- TScreenshake.Start 134
- TSound 199
- TSound type 199
- TSpeech 135
- TSpeech record 135
 - Active 135
 - ChangeVoice 136
 - Clear 136
 - Finalize 139
 - GetRate 136
 - GetVoice 136
 - GetVoiceAttribute 136
 - GetVoiceCount 137
 - GetVolume 137
 - Initialize 139
 - Pause 137
 - Reset 137
 - Resume 137
 - Say 138
 - SetRate 138
 - SetVolume 138
 - SubstituteWord 138
 - TSpeech methods 135
 - TSpeech operators 138
 - about TSpeech record 135
- TSpeech.Active 135
- TSpeech.ChangeVoice 136
- TSpeech.Clear 136
- TSpeech.Finalize 139
- TSpeech.GetRate 136
- TSpeech.GetVoice 136
- TSpeech.GetVoiceAttribute 136
- TSpeech.GetVoiceCount 137
- TSpeech.GetVolume 137
- TSpeech.Initialize 139
- TSpeech.Pause 137
- TSpeech.Reset 137
- TSpeech.Resume 137
- TSpeech.Say 138
- TSpeech.SetRate 138
- TSpeech.SetVolume 138
- TSpeech.SubstituteWord 138
- TSpeechVoiceAttribute 196
- TSpeechVoiceAttribute enumeration 196
- TSprite 139
- TSprite class 139
 - AddGroup 141
 - AddImageFromGrid 142
 - AddImageFromRect 142
 - Clear 142
 - Create 142
 - Destroy 142
 - FGroup 140
 - FGroupCount 140
 - FPageCount 141
 - FTexture 141
 - GroupPolyPoint 143
 - GroupPolyPointCollide 143
 - GroupPolyPointCollidePoint 143
 - GroupPolyPointTrace 144
 - ImageCount 144
 - ImageHeight 144
 - ImageRect 144
 - ImageTexture 145
 - ImageWidth 145
 - LoadPage 145
 - PSpriteGroup 146
 - PSpriteImageRect 146
 - RenderImage 145
 - TSprite fields 140
 - TSprite methods 141
 - TSprite nested types 146
 - TSprite records 139
 - about TSprite class 139
- TSprite.AddGroup 141
- TSprite.AddImageFromGrid 142
- TSprite.AddImageFromRect 142

TSprite.Clear 142	LoadTexture 150
TSprite.Create 142	Lock 150
TSprite.Destroy 142	Render 150
TSprite.FGroup 140	RenderTiled 151
TSprite.FGroupCount 140	Save 151
TSprite.FPageCount 141	SetColor 151
TSprite.FTexture 141	SetPixel 151
TSprite.GroupPolyPoint 143	TTexture fields 146
TSprite.GroupPolyPointCollide 143	TTexture methods 148
TSprite.GroupPolyPointCollidePoint 143	TTexture properties 152
TSprite.GroupPolyPointTrace 144	Unload 152
TSprite.ImageCount 144	Unlock 152
TSprite.ImageHeight 144	Width 153
TSprite.ImageRect 144	about TTexture class 146
TSprite.ImageTexture 145	TTexture.Alloc 148
TSprite.ImageWidth 145	TTexture.Create 149
TSprite.LoadPage 145	TTexture.Destroy 149
TSprite.PSpriteGroup 146	TTexture.FHandle 147
TSprite.PSpriteImageRect 146	TTexture.FHeight 147
TSprite.RenderImage 145	TTexture.FLockRect 147
TSprite.TSpriteGroup 139	TTexture.FPitch 147
TSprite.TSpriteGroup record 139	TTexture.FPixelFormat 147
TSprite.TSpriteImageRect 140	TTexture.FPixels 148
TSprite.TSpriteImageRect record 140	TTexture.FWidth 148
TTexture 146	TTexture.GetColor 149
TTexture class 146	TTexture.GetPixel 149
Alloc 148	TTexture.GetSize 149
Create 149	TTexture.Handle 152
Destroy 149	TTexture.Height 152
FHandle 147	TTexture.Load 150
FHeight 147	TTexture.LoadTexture 150
FLockRect 147	TTexture.Lock 150
FPitch 147	TTexture.Render 150
FPixelFormat 147	TTexture.RenderTiled 151
FPixels 148	TTexture.Save 151
FWidth 148	TTexture.SetColor 151
GetColor 149	TTexture.SetPixel 151
GetPixel 149	TTexture.Unload 152
GetSize 149	TTexture.Unlock 152
Handle 152	TTexture.Width 153
Height 152	TTextureAccess 196
Load 150	TTextureAccess enumeration 196

TTimer 153	Normalize 160
TTimer record 153	Project 161
Elapsed 153	Scale 161
Finalize 155	Subtract 161
FrameElapsed 153	TVector fields 155
FrameRate 154	TVector methods 156
FrameSpeed 154	TVector operators 161
Initialize 155	Thrust 161
Reset 154	W 156
TTimer methods 153	X 156
TTimer operators 154	Y 156
Update 154	Z 156
about TTimer record 153	about TVector record 155
TTimer.Elapsed 153	TVector.Add 157
TTimer.Finalize 155	TVector.Angle 157
TTimer.FrameElapsed 153	TVector.Assign 157, 158
TTimer.FrameRate 154	TVector.Clear 158
TTimer.FrameSpeed 154	TVector.Create 158
TTimer.Initialize 155	TVector.Distance 159
TTimer.Reset 154	TVector.Divide 159
TTimer.Update 154	TVector.DivideBy 159
TURQUOISE 309	TVector.DotProduct 159
TURQUOISE constant 309	TVector.Initialize 162
TVAlign 196	TVector.Magnitude 159
TVAlign enumeration 196	TVector.MagnitudeSquared 160
TVector 155	TVector.MagnitudeTruncate 160
TVector record 155	TVector.Multiply 160
Add 157	TVector.Negate 160
Angle 157	TVector.Normalize 160
Assign 157, 158	TVector.Project 161
Clear 158	TVector.Scale 161
Create 158	TVector.Subtract 161
Distance 159	TVector.Thrust 161
Divide 159	TVector.W 156
DivideBy 159	TVector.X 156
DotProduct 159	TVector.Y 156
Initialize 162	TVector.Z 156
Magnitude 159	TVideo 162
MagnitudeSquared 160	TVideo record 162
MagnitudeTruncate 160	Draw 162
Multiply 160	Finalize 166
Negate 160	GetFrameRate 163

GetHeight 163	DrawPoint 168
GetStatus 163	DrawRect 168
GetVolume 163	Finalize 172
GetWidth 163	GetDDPI 168
Initialize 166	GetHDPI 169
Load 164	GetRenderBufferPos 169
LoadPlay 164	GetRendererHandle 169
Pause 164	GetRendererInfo 169
Play 164	GetRendererScale 169
Rewind 164	GetRendererSize 169
SetVolume 165	GetTitle 170
Stop 165	GetVDPI 170
TVideo methods 162	GetViewport 170
TVideo operators 165	GetWindowHandle 170
Unload 165	GetWindowSize 170
Update 165	Initialize 172
about TVideo record 162	IsOpen 171
TVideo.Draw 162	Open 171
TVideo.Finalize 166	Save 171
TVideo.GetFrameRate 163	SetRenderBufferPos 171
TVideo.GetHeight 163	SetTitle 171
TVideo.GetStatus 163	Show 172
TVideo.GetVolume 163	ShowRenderBuffer 172
TVideo.GetWidth 163	TWindow methods 166
TVideo.Initialize 166	TWindow operators 172
TVideo.Load 164	about TWindow record 166
TVideo.LoadPlay 164	TWindow.Clear 167
TVideo.Pause 164	TWindow.Close 167
TVideo.Play 164	TWindow.DrawFilledRect 167
TVideo.Rewind 164	TWindow.DrawLine 168
TVideo.SetVolume 165	TWindow.DrawPoint 168
TVideo.Stop 165	TWindow.DrawRect 168
TVideo.Unload 165	TWindow.Finalize 172
TVideo.Update 165	TWindow.GetDDPI 168
TVideoStatus 196	TWindow.GetHDPI 169
TVideoStatus enumeration 196	TWindow.GetRenderBufferPos 169
TWindow 166	TWindow.GetRendererHandle 169
TWindow record 166	TWindow.GetRendererInfo 169
Clear 167	TWindow.GetRendererScale 169
Close 167	TWindow.GetRendererSize 169
DrawFilledRect 167	TWindow.GetTitle 170
DrawLine 168	TWindow.GetVDPI 170

TWindow.GetViewport 170
TWindow.GetWindowHandle 170
TWindow.GetWindowSize 170
TWindow.Initialize 172
TWindow.IsOpen 171
TWindow.Open 171
TWindow.Save 171
TWindow.SetRenderBufferPos 171
TWindow.SetTitle 171
TWindow.Show 172
TWindow.ShowRenderBuffer 172
Types 197
UnitToScalarValue 192
UnitToScalarValue function 192
VERSION_MAJOR 309
VERSION_MAJOR constant 309
VERSION_MINOR 309
VERSION_MINOR constant 309
VERSION_PATCH 309
VERSION_PATCH constant 309
VIDEO_SAMPLEBUFFERSIZE 310
VIDEO_SAMPLEBUFFERSIZE constant 310
VIOLET 310
VIOLET constant 310
Variables 199
WHEAT 310
WHEAT constant 310
WHITE 310
WHITE constant 310
WHITE2 311
WHITE2 constant 311
WHITESMOKE 311
WHITESMOKE constant 311
WINDOW_HEIGHT 311
WINDOW_HEIGHT constant 311
WINDOW_WIDTH 311
WINDOW_WIDTH constant 311
WaitForAnyKey 193
WaitForAnyKey function 193
WasRunFromConsole 193
WasRunFromConsole function 193
WriteStringToStream 193

WriteStringToStream function 193
YELLOW 311
YELLOW constant 311
YELLOWGREEN 312
YELLOWGREEN constant 312
afIn enumeration member 194
afNone enumeration member 194
afOut enumeration member 194

B

bmAdd enumeration member 194
bmBlend enumeration member 194
bmInvalid enumeration member 194
bmMod enumeration member 194
bmMul enumeration member 194
bmNone enumeration member 194

E

etInCircle enumeration member 194
etInCubic enumeration member 194
etInExpo enumeration member 194
etInOutCircle enumeration member 194
etInOutCubic enumeration member 194
etInOutExpo enumeration member 194
etInOutQuad enumeration member 194
etInOutQuart enumeration member 194
etInOutQuint enumeration member 194
etInOutSine enumeration member 194
etInQuad enumeration member 194
etInQuart enumeration member 194
etInQuint enumeration member 194
etInSine enumeration member 194
etLinearTween enumeration member 194
etOutCircle enumeration member 194
etOutCubic enumeration member 194
etOutExpo enumeration member 194
etOutQuad enumeration member 194
etOutQuart enumeration member 194
etOutQuint enumeration member 194
etOutSine enumeration member 194

F

fmHorizontal enumeration member 195
fmNone enumeration member 195
fmVertical enumeration member 195

H

haCenter enumeration member 195
haLeft enumeration member 195
haRight enumeration member 195

L

liNone enumeration member 195
liParallel enumeration member 195
liTrue enumeration member 195

S

svaAge enumeration member 196
svaDescription enumeration member 196
svaGender enumeration member 196
svald enumeration member 196
svaLanguage enumeration member 196
svaName enumeration member 196
svaVendor enumeration member 196

T

taStatic enumeration member 196
taStreaming enumeration member 196
taTarget enumeration member 196

V

vaBottom enumeration member 196
vaCenter enumeration member 196
vaTop enumeration member 196
vsPaused enumeration member 196
vsPlaying enumeration member 196
vsStopped enumeration member 196