

Turbo Builder PRO

Hearing is understanding



API

Date: 15.04.2020
Version: 2020.2.1

1 Namespace Index	1
1.1 Packages	1
2 Hierarchical Index	3
2.1 Class Hierarchy	3
3 Class Index	5
3.1 Class List	5
4 Namespace Documentation	7
4.1 Crosstales Namespace Reference	7
4.2 Crosstales.Common Namespace Reference	7
4.3 Crosstales.Common.EditorTask Namespace Reference	7
4.4 Crosstales.Common.EditorUtil Namespace Reference	7
4.5 Crosstales.Common.Model Namespace Reference	8
4.6 Crosstales.Common.Model.Enum Namespace Reference	8
4.6.1 Enumeration Type Documentation	8
4.6.1.1 Platform	8
4.6.1.2 SampleRate	8
4.7 Crosstales.Common.Util Namespace Reference	8
4.8 Crosstales.TPB Namespace Reference	9
4.9 Crosstales.TPB.EditorIntegration Namespace Reference	9
4.10 Crosstales.TPB.EditorTask Namespace Reference	10
4.11 Crosstales.TPB.Example Namespace Reference	10
4.12 Crosstales.TPB.Task Namespace Reference	10
4.12.1 Enumeration Type Documentation	10
4.12.1.1 UpdateStatus	10
4.13 Crosstales.TPB.Util Namespace Reference	11
5 Class Documentation	13
5.1 Crosstales.Common.Util.BackgroundController Class Reference	13
5.1.1 Detailed Description	13
5.1.2 Member Data Documentation	13
5.1.2.1 Objects	14
5.2 Crosstales.Common.EditorTask.BaseCompileDefines Class Reference	14
5.2.1 Detailed Description	14
5.2.2 Member Function Documentation	14
5.2.2.1 AddSymbolsToAllTargets()	14
5.2.2.2 RemoveSymbolsFromAllTargets()	15
5.3 Crosstales.Common.Util.BaseConstants Class Reference	15
5.3.1 Detailed Description	17
5.3.2 Member Data Documentation	17
5.3.2.1 ASSET_3P_PLAYMAKER	18
5.3.2.2 ASSET_AUTHOR	18

5.3.2.3 ASSET_AUTHOR_URL	18
5.3.2.4 ASSET_BWF	18
5.3.2.5 ASSET_CT_URL	18
5.3.2.6 ASSET_DJ	18
5.3.2.7 ASSET_FB	19
5.3.2.8 ASSET_OC	19
5.3.2.9 ASSET_RADIO	19
5.3.2.10 ASSET_RTV	19
5.3.2.11 ASSET_SOCIAL_DISCORD	19
5.3.2.12 ASSET_SOCIAL_FACEBOOK	19
5.3.2.13 ASSET_SOCIAL_LINKEDIN	20
5.3.2.14 ASSET_SOCIAL_TWITTER	20
5.3.2.15 ASSET_SOCIAL_YOUTUBE	20
5.3.2.16 ASSET_TB	20
5.3.2.17 ASSET_TPB	20
5.3.2.18 ASSET_TPS	20
5.3.2.19 ASSET_TR	21
5.3.2.20 CMD_WINDOWS_PATH	21
5.3.2.21 DEV_DEBUG	21
5.3.2.22 FACTOR_GB	21
5.3.2.23 FACTOR_KB	21
5.3.2.24 FACTOR_MB	21
5.3.2.25 FLOAT_32768	22
5.3.2.26 FLOAT_TOLERANCE	22
5.3.2.27 FORMAT_NO_DECIMAL_PLACES	22
5.3.2.28 FORMAT_PERCENT	22
5.3.2.29 FORMAT_TWO_DECIMAL_PLACES	22
5.3.2.30 PATH_DELIMITER_UNIX	22
5.3.2.31 PATH_DELIMITER_WINDOWS	23
5.3.2.32 PROCESS_KILL_TIME	23
5.3.2.33 SHOW_BWF_BANNER	23
5.3.2.34 SHOW_DJ_BANNER	23
5.3.2.35 SHOW_FB_BANNER	23
5.3.2.36 SHOW_OC_BANNER	23
5.3.2.37 SHOW_RADIO_BANNER	24
5.3.2.38 SHOW_RTV_BANNER	24
5.3.2.39 SHOW_TB_BANNER	24
5.3.2.40 SHOW_TPB_BANNER	24
5.3.2.41 SHOW_TPS_BANNER	24
5.3.2.42 SHOW_TR_BANNER	24
5.3.3 Property Documentation	25
5.3.3.1 APPLICATION_PATH	25

5.3.3.2 PREFIX_FILE	25
5.4 Crosstales.Common.EditorUtil.BaseEditorHelper Class Reference	25
5.4.1 Detailed Description	27
5.4.2 Member Function Documentation	27
5.4.2.1 FindAssetsByType< T >()	27
5.4.2.2 getBuildNameFromBuildTarget()	27
5.4.2.3 getBuildTargetForBuildName()	28
5.4.2.4 getCLIArgument()	28
5.4.2.5 InvokeMethod()	28
5.4.2.6 isValidBuildTarget()	29
5.4.2.7 ReadOnlyTextField()	29
5.4.2.8 RefreshAssetDatabase()	29
5.4.2.9 RestartUnity()	30
5.4.2.10 SeparatorUI()	30
5.5 Crosstales.Common.Util.BaseHelper Class Reference	30
5.5.1 Detailed Description	33
5.5.2 Member Function Documentation	33
5.5.2.1 CleanUrl()	33
5.5.2.2 ClearLineEndings()	33
5.5.2.3 ClearSpaces()	34
5.5.2.4 ClearTags()	34
5.5.2.5 CreateString()	34
5.5.2.6 FileCopy()	35
5.5.2.7 FormatBytesToHRF()	35
5.5.2.8 FormatSecondsToHourMinSec()	35
5.5.2.9 GetDirectories()	36
5.5.2.10 GetFiles()	36
5.5.2.11 getIP()	36
5.5.2.12 hasActiveClip()	37
5.5.2.13 HSVToRGB()	37
5.5.2.14 isValidURL()	38
5.5.2.15 OpenFile()	38
5.5.2.16 RemoteCertificateValidationCallback()	38
5.5.2.17 ShowFileLocation()	38
5.5.2.18 SplitStringToLines()	39
5.5.2.19 ValidateFile()	39
5.5.2.20 ValidatePath()	40
5.5.2.21 ValidURLFromFilePath()	40
5.5.3 Member Data Documentation	40
5.5.3.1 BaseCulture	40
5.5.3.2 cleanSpacesRegex	41
5.5.3.3 cleanTagsRegex	41

5.5.3.4 lineEndingsRegex	41
5.5.4 Property Documentation	41
5.5.4.1 CurrentPlatform	41
5.5.4.2 isAndroidPlatform	42
5.5.4.3 isAppleBasedPlatform	42
5.5.4.4 isEditor	42
5.5.4.5 isEditorMode	42
5.5.4.6 isIL2CPP	43
5.5.4.7 isInternetAvailable	43
5.5.4.8 isIOSBasedPlatform	43
5.5.4.9 isIOSPlatform	43
5.5.4.10 isLinuxEditor	44
5.5.4.11 isLinuxPlatform	44
5.5.4.12 isMacOSEditor	44
5.5.4.13 isMacOSPlatform	44
5.5.4.14 isPS4Platform	45
5.5.4.15 isStandalonePlatform	45
5.5.4.16 isTvOSPlatform	45
5.5.4.17 isWebGLPlatform	45
5.5.4.18 isWebPlatform	46
5.5.4.19 isWindowsBasedPlatform	46
5.5.4.20 isWindowsEditor	46
5.5.4.21 isWindowsPlatform	46
5.5.4.22 isWSABasedPlatform	47
5.5.4.23 isWSAPlatform	47
5.5.4.24 isXboxOnePlatform	47
5.5.4.25 StreamingAssetsPath	47
5.6 Crosstales.Common.EditorTask.BaseSetupResources Class Reference	48
5.6.1 Detailed Description	48
5.7 Crosstales.TPB.Builder Class Reference	48
5.7.1 Detailed Description	49
5.7.2 Member Function Documentation	49
5.7.2.1 Build()	49
5.7.2.2 BuildAll()	49
5.7.2.3 BuildAllCLI()	50
5.7.2.4 BuildCLI()	50
5.7.2.5 BuildTPS()	50
5.7.2.6 MethodAfterBuild()	50
5.7.2.7 MethodAfterBuilding()	50
5.7.2.8 MethodBeforeBuild()	51
5.7.2.9 MethodBeforeBuilding()	51
5.7.2.10 SayHello()	51

5.7.3 Member Data Documentation	51
5.7.3.1 CurrentBuildTarget	51
5.8 Crosstales.TPB.EditorTask.CompileDefines Class Reference	51
5.8.1 Detailed Description	52
5.9 Crosstales.TPB.Util.Config Class Reference	52
5.9.1 Detailed Description	54
5.9.2 Member Function Documentation	54
5.9.2.1 Load()	54
5.9.2.2 Reset()	54
5.9.2.3 Save()	54
5.9.3 Member Data Documentation	54
5.9.3.1 ADD_DATE_TO_PATH	55
5.9.3.2 ADD_NAME_TO_PATH	55
5.9.3.3 ARCH_LINUX	55
5.9.3.4 ARCH_WINDOWS	55
5.9.3.5 BO_DEVELOPMENT	55
5.9.3.6 BO_PROFILER	55
5.9.3.7 BO_SCRIPTDEBUG	56
5.9.3.8 BO_SHOW_BUILT_PLAYER	56
5.9.3.9 CONFIRM_BUILD	56
5.9.3.10 CUSTOM_PATH_BUILD	56
5.9.3.11 DEBUG	56
5.9.3.12 DELETE_LOCKFILE	56
5.9.3.13 EXECUTE_METHOD_POST_BUILD	57
5.9.3.14 EXECUTE_METHOD_POST_BUILDING	57
5.9.3.15 EXECUTE_METHOD_PRE_BUILD	57
5.9.3.16 EXECUTE_METHOD_PRE_BUILDING	57
5.9.3.17 isLoading	57
5.9.3.18 PLATFORM_3DS	57
5.9.3.19 PLATFORM_ANDROID	58
5.9.3.20 PLATFORM_IOS	58
5.9.3.21 PLATFORM_LINUX	58
5.9.3.22 PLATFORM_MAC	58
5.9.3.23 PLATFORM_PS4	58
5.9.3.24 PLATFORM_PSP2	58
5.9.3.25 PLATFORM_SWITCH	59
5.9.3.26 PLATFORM_TVOS	59
5.9.3.27 PLATFORM_WEBGL	59
5.9.3.28 PLATFORM_WIIU	59
5.9.3.29 PLATFORM_WINDOWS	59
5.9.3.30 PLATFORM_WSA	59
5.9.3.31 PLATFORM_XBOXONE	60

5.9.3.32 SHOW_COLUMN_ARCHITECTURE	60
5.9.3.33 SHOW_COLUMN_PLATFORM	60
5.9.3.34 SHOW_COLUMN_PLATFORM_LOGO	60
5.9.3.35 TEX_ANDROID	60
5.9.3.36 UPDATE_CHECK	60
5.9.3.37 VCS	61
5.9.4 Property Documentation	61
5.9.4.1 ASSET_PATH	61
5.10 Crosstales.TPB.EditorIntegration.ConfigBase Class Reference	61
5.10.1 Detailed Description	62
5.11 Crosstales.TPB.EditorIntegration.ConfigPreferences Class Reference	62
5.11.1 Detailed Description	62
5.12 Crosstales.TPB.EditorIntegration.ConfigWindow Class Reference	63
5.12.1 Detailed Description	63
5.13 Crosstales.TPB.Util.Constants Class Reference	63
5.13.1 Detailed Description	66
5.13.2 Member Data Documentation	66
5.13.2.1 ASSET_3P_ROCKTOMATE	66
5.13.2.2 ASSET_API_URL	66
5.13.2.3 ASSET_BUILD	66
5.13.2.4 ASSET_CHANGED	67
5.13.2.5 ASSET_CONTACT	67
5.13.2.6 ASSET_CREATED	67
5.13.2.7 ASSET_FORUM_URL	67
5.13.2.8 ASSET_MANUAL_URL	67
5.13.2.9 ASSET_NAME	67
5.13.2.10 ASSET_NAME_SHORT	68
5.13.2.11 ASSET_PRO_URL	68
5.13.2.12 ASSET_UPDATE_CHECK_URL	68
5.13.2.13 ASSET_VERSION	68
5.13.2.14 ASSET_WEB_URL	68
5.13.2.15 PATH	68
5.13.3 Property Documentation	69
5.13.3.1 ASSET_ID	69
5.13.3.2 ASSET_UID	69
5.13.3.3 ASSET_URL	69
5.14 Crosstales.TPB.Util.CTLogger Class Reference	69
5.14.1 Detailed Description	70
5.15 Crosstales.Common.Util.CTPlayerPrefs Class Reference	70
5.15.1 Detailed Description	71
5.15.2 Member Function Documentation	71
5.15.2.1 DeleteAll()	71

5.15.2.2 DeleteKey()	71
5.15.2.3 GetBool()	71
5.15.2.4 GetDate()	72
5.15.2.5 GetFloat()	72
5.15.2.6 GetInt()	72
5.15.2.7 GetString()	73
5.15.2.8 HasKey()	73
5.15.2.9 Save()	73
5.15.2.10 SetBool()	73
5.15.2.11 SetDate()	74
5.15.2.12 SetFloat()	74
5.15.2.13 SetInt()	74
5.15.2.14 SetString()	75
5.16 Crosstales.Common.Util.CTProcess Class Reference	75
5.16.1 Detailed Description	76
5.16.2 Member Function Documentation	76
5.16.2.1 Kill() [1/2]	77
5.16.2.2 Kill() [2/2]	77
5.16.2.3 Start() [1/4]	77
5.16.2.4 Start() [2/4]	77
5.16.2.5 Start() [3/4]	77
5.16.2.6 Start() [4/4]	77
5.16.3 Property Documentation	78
5.16.3.1 ExitCode	78
5.16.3.2 ExitTime	78
5.16.3.3 Handle	78
5.16.3.4 HasExited	78
5.16.3.5 Id	78
5.16.3.6 isBusy	79
5.16.3.7 StandardError	79
5.16.3.8 StandardOutput	79
5.16.3.9 StartInfo	79
5.16.3.10 StartTime	79
5.17 Crosstales.Common.Util.CTProcessStartInfo Class Reference	79
5.17.1 Detailed Description	80
5.17.2 Property Documentation	80
5.17.2.1 Arguments	80
5.17.2.2 CreateNoWindow	80
5.17.2.3 FileName	81
5.17.2.4 RedirectStandardError	81
5.17.2.5 RedirectStandardOutput	81
5.17.2.6 StandardErrorEncoding	81

5.17.2.7 StandardOutputEncoding	81
5.17.2.8 UseCmdExecute	81
5.17.2.9 UseShellExecute	82
5.17.2.10 UseThread	82
5.17.2.11 WorkingDirectory	82
5.18 Crosstales.Common.Util.CTWebClient Class Reference	82
5.18.1 Detailed Description	83
5.18.2 Property Documentation	83
5.18.2.1 ConnectionLimit	83
5.18.2.2 Timeout	83
5.19 Crosstales.ExtensionMethods Class Reference	83
5.19.1 Detailed Description	85
5.19.2 Member Function Documentation	85
5.19.2.1 CToAddRange< K, V >()	85
5.19.2.2 CTContains()	85
5.19.2.3 CTContainsAll()	86
5.19.2.4 CTContainsAny()	86
5.19.2.5 CTDeepSearch()	87
5.19.2.6 CTDump() [1/8]	87
5.19.2.7 CTDump() [2/8]	87
5.19.2.8 CTDump() [3/8]	88
5.19.2.9 CTDump() [4/8]	88
5.19.2.10 CTDump() [5/8]	88
5.19.2.11 CTDump() [6/8]	89
5.19.2.12 CTDump() [7/8]	89
5.19.2.13 CTDump() [8/8]	89
5.19.2.14 CTDump< K, V >()	91
5.19.2.15 CTDump< T >() [1/2]	91
5.19.2.16 CTDump< T >() [2/2]	92
5.19.2.17 CTEquals()	92
5.19.2.18 CTIsNumeric()	93
5.19.2.19 CTIsVisibleFrom()	93
5.19.2.20 CTReplace()	93
5.19.2.21 CTReverse()	94
5.19.2.22 CTShuffle< T >() [1/2]	94
5.19.2.23 CTShuffle< T >() [2/2]	94
5.19.2.24 CTToString< T >() [1/2]	95
5.19.2.25 CTToString< T >() [2/2]	95
5.19.2.26 CTToTitleCase()	95
5.20 Crosstales.Common.Util.FFTAnalyzer Class Reference	96
5.20.1 Detailed Description	96
5.20.2 Member Data Documentation	96

5.20.2.1 Channel	96
5.20.2.2 Samples	97
5.21 Crosstales.Common.Util.FreeCam Class Reference	97
5.21.1 Detailed Description	98
5.21.2 Member Function Documentation	98
5.21.2.1 StartLooking()	98
5.21.2.2 StopLooking()	98
5.21.3 Member Data Documentation	98
5.21.3.1 FastMovementSpeed	98
5.21.3.2 FastZoomSensitivity	98
5.21.3.3 FreeLookSensitivity	99
5.21.3.4 MovementSpeed	99
5.21.3.5 ZoomSensitivity	99
5.22 Crosstales.TPB.Util.Helper Class Reference	99
5.22.1 Detailed Description	100
5.22.2 Member Function Documentation	101
5.22.2.1 DeleteBuilds()	101
5.22.2.2 ProcessBuildPipeline()	101
5.22.2.3 SetupVCS()	101
5.22.3 Property Documentation	101
5.22.3.1 BuildInfo	101
5.22.3.2 hasActiveArchitecturePlatforms	102
5.22.3.3 hasActiveScenes	102
5.22.3.4 hasBuild	102
5.22.3.5 ScenePaths	102
5.22.3.6 TargetLinux	103
5.22.3.7 TargetMac	103
5.22.3.8 Targets	103
5.22.3.9 TargetWindows	103
5.23 Crosstales.TPB.Task.Launch Class Reference	104
5.23.1 Detailed Description	104
5.24 Crosstales.Common.EditorTask.NYCheck Class Reference	104
5.24.1 Detailed Description	104
5.25 Crosstales.Common.Util.PlatformController Class Reference	104
5.25.1 Detailed Description	105
5.25.2 Member Data Documentation	105
5.25.2.1 Active	105
5.25.2.2 Platforms	105
5.26 Crosstales.Common.Util.RandomColor Class Reference	106
5.26.1 Detailed Description	106
5.26.2 Member Data Documentation	106
5.26.2.1 AlphaRange	107

5.26.2.2 ChangeInterval	107
5.26.2.3 GrayScale	107
5.26.2.4 HueRange	107
5.26.2.5 Material	107
5.26.2.6 SaturationRange	107
5.26.2.7 UseInterval	108
5.26.2.8 ValueRange	108
5.27 Crosstales.Common.Util.RandomRotator Class Reference	108
5.27.1 Detailed Description	109
5.27.2 Member Data Documentation	109
5.27.2.1 ChangeInterval	109
5.27.2.2 SpeedMax	109
5.27.2.3 SpeedMin	109
5.27.2.4 UseInterval	109
5.28 Crosstales.Common.Util.RandomScaler Class Reference	110
5.28.1 Detailed Description	110
5.28.2 Member Data Documentation	110
5.28.2.1 ChangeInterval	110
5.28.2.2 ScaleMax	111
5.28.2.3 ScaleMin	111
5.28.2.4 Uniform	111
5.28.2.5 UseInterval	111
5.29 Crosstales.Common.Util.SerializableDictionary< TKey, TVal > Class Template Reference	111
5.29.1 Detailed Description	112
5.30 Crosstales.Common.Util.SerializeDeSerialize Class Reference	112
5.30.1 Detailed Description	112
5.30.2 Member Function Documentation	112
5.30.2.1 DeserializeFromArray< T >()	112
5.30.2.2 DeserializeFromFile< T >()	113
5.30.2.3 SerializeToArray< T >()	113
5.30.2.4 SerializeToFile< T >()	113
5.31 Crosstales.Common.EditorTask.SetupResources Class Reference	114
5.31.1 Detailed Description	114
5.32 Crosstales.TPB.Task.SetupResources Class Reference	114
5.32.1 Detailed Description	115
5.33 Crosstales.Common.Util.SpectrumVisualizer Class Reference	115
5.33.1 Detailed Description	115
5.33.2 Member Data Documentation	116
5.33.2.1 Analyzer	116
5.33.2.2 Gain	116
5.33.2.3 LeftToRight	116
5.33.2.4 VisualPrefab	116

5.33.2.5 Width	116
5.34 Crosstales.Common.Util.SurviveSceneSwitch Class Reference	117
5.34.1 Detailed Description	117
5.34.2 Member Data Documentation	117
5.34.2.1 DontDestroy	117
5.34.2.2 Survivors	118
5.35 Crosstales.Common.Util.TakeScreenshot Class Reference	118
5.35.1 Detailed Description	118
5.35.2 Member Function Documentation	119
5.35.2.1 Capture()	119
5.35.3 Member Data Documentation	119
5.35.3.1 KeyCode	119
5.35.3.2 Prefix	119
5.35.3.3 Scale	119
5.36 Crosstales.TPB.Example.TPBMenu Class Reference	119
5.36.1 Detailed Description	120
5.37 Crosstales.TPB.Task.UpdateCheck Class Reference	120
5.37.1 Detailed Description	120
5.38 Crosstales.Common.Util.XmlHelper Class Reference	120
5.38.1 Detailed Description	121
5.38.2 Member Function Documentation	121
5.38.2.1 DeserializeFromFile< T >()	121
5.38.2.2 DeserializeFromResource< T >()	121
5.38.2.3 DeserializeFromString< T >()	122
5.38.2.4 SerializeToFile< T >()	122
5.38.2.5 SerializeToString< T >()	122
6 More information	125
6.1 Homepage	125
6.2 AssetStore	125
6.3 Forum	125
6.4 Documentation	125
6.5 Discord	125
6.6 Videos	125
Index	127

Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

Crosstales	7
Crosstales.Common	7
Crosstales.Common.EditorTask	7
Crosstales.Common.EditorUtil	7
Crosstales.Common.Model	8
Crosstales.Common.Model.Enum	8
Crosstales.Common.Util	8
Crosstales.TPB	9
Crosstales.TPB.EditorIntegration	9
Crosstales.TPB.EditorTask	10
Crosstales.TPB.Example	10
Crosstales.TPB.Task	10
Crosstales.TPB.Util	11

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Crosstales.Common.EditorTask.BaseCompileDefines	14
Crosstales.TPB.EditorTask.CompileDefines	51
Crosstales.Common.Util.BaseConstants	15
Crosstales.TPB.Util.Constants	63
Crosstales.Common.Util.BaseHelper	30
Crosstales.Common.EditorUtil.BaseEditorHelper	25
Crosstales.TPB.Util.Helper	99
Crosstales.Common.EditorTask.BaseSetupResources	48
Crosstales.Common.EditorTask.SetupResources	114
Crosstales.TPB.Task.SetupResources	114
Crosstales.TPB.Builder	48
Crosstales.TPB.Util.Config	52
Crosstales.TPB.Util.CTLogger	69
Crosstales.Common.Util.CTPlayerPrefs	70
Crosstales.Common.Util.CTProcessStartInfo	79
Dictionary	
Crosstales.Common.Util.SerializableDictionary< TKey, TVal >	111
EditorWindow	
Crosstales.TPB.EditorIntegration.ConfigBase	61
Crosstales.TPB.EditorIntegration.ConfigPreferences	62
Crosstales.TPB.EditorIntegration.ConfigWindow	63
Crosstales.ExtensionMethods	83
IDisposable	
Crosstales.Common.Util.CTProcess	75
ISerializable	
Crosstales.Common.Util.SerializableDictionary< TKey, TVal >	111
IXmlSerializable	
Crosstales.Common.Util.SerializableDictionary< TKey, TVal >	111
Crosstales.TPB.Task.Launch	104
MonoBehaviour	
Crosstales.Common.Util.BackgroundController	13
Crosstales.Common.Util.FFTAnalyzer	96
Crosstales.Common.Util.FreeCam	97
Crosstales.Common.Util.PlatformController	104

Crosstales.Common.Util.RandomColor	106
Crosstales.Common.Util.RandomRotator	108
Crosstales.Common.Util.RandomScaler	110
Crosstales.Common.Util.SpectrumVisualizer	115
Crosstales.Common.Util.SurviveSceneSwitch	117
Crosstales.Common.Util.TakeScreenshot	118
Crosstales.Common.EditorTask.NYCheck	104
Crosstales.Common.Util.SerializableDictionary< string, string >	111
Crosstales.Common.Util.SerializeDeSerialize	112
Crosstales.TPB.Example.TPBMenu	119
Crosstales.TPB.Task.UpdateCheck	120
WebClient	
Crosstales.Common.Util.CTWebClient	82
Crosstales.Common.Util.XmlHelper	120

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

Crosstales.Common.Util.BackgroundController	
Enables or disable game objects on Android or iOS in the background	13
Crosstales.Common.EditorTask.BaseCompileDefines	
Base for adding and removing the given symbols to PlayerSettings compiler define symbols . .	14
Crosstales.Common.Util.BaseConstants	
Base for collected constants of very general utility for the asset	15
Crosstales.Common.EditorUtil.BaseEditorHelper	
Base for various Editor helper functions	25
Crosstales.Common.Util.BaseHelper	
Base for various helper functions	30
Crosstales.Common.EditorTask.BaseSetupResources	
Base for copying all resources to 'Editor Default Resources'	48
Crosstales.TPB.Builder	
Platform builder	48
Crosstales.TPB.EditorTask.CompileDefines	
Adds the given define symbols to PlayerSettings define symbols	51
Crosstales.TPB.Util.Config	
Configuration for the asset	52
Crosstales.TPB.EditorIntegration.ConfigBase	
Base class for editor windows	61
Crosstales.TPB.EditorIntegration.ConfigPreferences	
Unity "Preferences" extension	62
Crosstales.TPB.EditorIntegration.ConfigWindow	
Editor window extension	63
Crosstales.TPB.Util.Constants	
Collected constants of very general utility for the asset	63
Crosstales.TPB.Util.CTLogger	
Logger for the asset	69
Crosstales.Common.Util.CTPlayerPrefs	
Wrapper for the PlayerPrefs	70
Crosstales.Common.Util.CTProcess	
Native process class for standalone IL2CPP-builds (mimicking the missing "System.Diagnostics.Process"-class with the most important properties, methods and events)	75
Crosstales.Common.Util.CTProcessStartInfo	
Specifies a set of values that are used when you start a process (mimicking the "System.Diagnostics.ProcessStartInfo"-class with the most important properties)	79

Crosstales.Common.Util.CTWebClient	
Specialized WebClient	82
Crosstales.ExtensionMethods	
Various extension methods	83
Crosstales.Common.Util.FFTAnalyzer	
FFT analyzer for an audio channel	96
Crosstales.Common.Util.FreeCam	
A simple free camera to be added to a Unity game object	97
Crosstales.TPB.Util.Helper	
Various helper functions	99
Crosstales.TPB.Task.Launch	
Show the configuration window on the first launch	104
Crosstales.Common.EditorTask.NYCheck	
Checks if a 'Happy new year'-message must be displayed	104
Crosstales.Common.Util.PlatformController	
Enables or disable game objects for a given platform	104
Crosstales.Common.Util.RandomColor	
Random color changer	106
Crosstales.Common.Util.RandomRotator	
Random rotation changer	108
Crosstales.Common.Util.RandomScaler	
Random scale changer	110
Crosstales.Common.Util.SerializableDictionary< TKey, TVal >	
Serializable Dictionary-class for XML	111
Crosstales.Common.Util.SerializeDeSerialize	
Serialize and deserialize objects to/from binary files	112
Crosstales.Common.EditorTask.SetupResources	
Copies all resources to 'Editor Default Resources'	114
Crosstales.TPB.Task.SetupResources	
Copies all resources to 'Editor Default Resources'	114
Crosstales.Common.Util.SpectrumVisualizer	
Simple spectrum visualizer	115
Crosstales.Common.Util.SurviveSceneSwitch	
Allows any Unity gameobject to survive a scene switch. This is especially useful to keep the music playing while loading a new scene	117
Crosstales.Common.Util.TakeScreenshot	
Take screen shots inside an application	118
Crosstales.TPB.Example.TPBMenu	
Example editor integration of Turbo Builder for your own scripts	119
Crosstales.TPB.Task.UpdateCheck	
Checks for updates of the asset	120
Crosstales.Common.Util.XmlHelper	
Helper-class for XML	120

Chapter 4

Namespace Documentation

4.1 Crosstales Namespace Reference

Classes

- class [ExtensionMethods](#)
Various extension methods.

4.2 Crosstales.Common Namespace Reference

4.3 Crosstales.Common.EditorTask Namespace Reference

Classes

- class [BaseCompileDefines](#)
Base for adding and removing the given symbols to PlayerSettings compiler define symbols.
- class [BaseSetupResources](#)
Base for copying all resources to 'Editor Default Resources'.
- class [NYCheck](#)
Checks if a 'Happy new year'-message must be displayed.
- class [SetupResources](#)
Copies all resources to 'Editor Default Resources'.

4.4 Crosstales.Common.EditorUtil Namespace Reference

Classes

- class [BaseEditorHelper](#)
Base for various Editor helper functions.

4.5 Crosstales.Common.Model Namespace Reference

4.6 Crosstales.Common.Model.Enum Namespace Reference

Enumerations

- enum [Platform](#) {
Windows, OSX, Linux, IOS,
Android, WSA, Web, Unsupported,
MaryTTS }
All available platforms.
- enum [SampleRate](#) {
_8000Hz = 8000, _11025Hz = 11025, _22050Hz = 22050, _44100Hz = 44100,
_48000Hz = 48000 }
Typical audio sample rates.

4.6.1 Enumeration Type Documentation

4.6.1.1 Platform

enum [Crosstales.Common.Model.Enum.Platform](#) [strong]

All available platforms.

4.6.1.2 SampleRate

enum [Crosstales.Common.Model.Enum.SampleRate](#) [strong]

Typical audio sample rates.

4.7 Crosstales.Common.Util Namespace Reference

Classes

- class [BackgroundController](#)
Enables or disable game objects on Android or iOS in the background.
- class [BaseConstants](#)
Base for collected constants of very general utility for the asset.
- class [BaseHelper](#)
Base for various helper functions.
- class [CTPlayerPrefs](#)
Wrapper for the PlayerPrefs.

- class [CTProcess](#)
Native process class for standalone IL2CPP-builds (mimicking the missing "System.Diagnostics.Process"-class with the most important properties, methods and events).
- class [CTProcessStartInfo](#)
Specifies a set of values that are used when you start a process (mimicking the "System.Diagnostics.ProcessStartInfo"-class with the most important properties).
- class [CTWebClient](#)
Specialized WebClient.
- class [FFTAnalyzer](#)
FFT analyzer for an audio channel.
- class [FreeCam](#)
A simple free camera to be added to a Unity game object.
- class **NativeMethods**
Native methods (bridge to Windows).
- class [PlatformController](#)
Enables or disable game objects for a given platform.
- class [RandomColor](#)
Random color changer.
- class [RandomRotator](#)
Random rotation changer.
- class [RandomScaler](#)
Random scale changer.
- class [SerializableDictionary](#)
Serializable Dictionary-class for XML.
- class [SerializeDeSerialize](#)
Serialize and deserialize objects to/from binary files.
- class [SpectrumVisualizer](#)
Simple spectrum visualizer.
- class [SurviveSceneSwitch](#)
Allows any Unity gameobject to survive a scene switch. This is especially useful to keep the music playing while loading a new scene.
- class [TakeScreenshot](#)
Take screen shots inside an application.
- class [XmlHelper](#)
Helper-class for XML.

4.8 Crosstales.TPB Namespace Reference

Classes

- class [Builder](#)
Platform builder.

4.9 Crosstales.TPB.EditorIntegration Namespace Reference

Classes

- class [ConfigBase](#)
Base class for editor windows.
- class [ConfigPreferences](#)
Unity "Preferences" extension.
- class [ConfigWindow](#)
Editor window extension.

4.10 Crosstales.TPB.EditorTask Namespace Reference

Classes

- class [CompileDefines](#)

Adds the given define symbols to PlayerSettings define symbols.

4.11 Crosstales.TPB.Example Namespace Reference

Classes

- class [TPBMenu](#)

Example editor integration of Turbo [Builder](#) for your own scripts.

4.12 Crosstales.TPB.Task Namespace Reference

Classes

- class [Launch](#)

Show the configuration window on the first launch.

- class [SetupResources](#)

Copies all resources to 'Editor Default Resources'.

- class [UpdateCheck](#)

Checks for updates of the asset.

Enumerations

- enum [UpdateStatus](#) {
NOT_CHECKED, NO_UPDATE, UPDATE, UPDATE_VERSION,
DEPRECATED }

All possible update stati.

4.12.1 Enumeration Type Documentation

4.12.1.1 UpdateStatus

enum [Crosstales.TPB.Task.UpdateStatus](#) [strong]

All possible update stati.

4.13 Crosstales.TPB.Util Namespace Reference

Classes

- class [Config](#)
Configuration for the asset.
- class [Constants](#)
Collected constants of very general utility for the asset.
- class [CTLogger](#)
Logger for the asset.
- class [Helper](#)
Various helper functions.

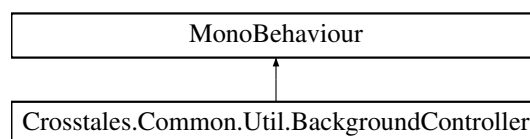
Chapter 5

Class Documentation

5.1 Crosstales.Common.Util.BackgroundController Class Reference

Enables or disable game objects on Android or iOS in the background.

Inheritance diagram for Crosstales.Common.Util.BackgroundController:



Public Member Functions

- void **Start** ()
- void **FixedUpdate** ()

Public Attributes

- GameObject[] [Objects](#)
Selected objects to disable in the background for the controller.

5.1.1 Detailed Description

Enables or disable game objects on Android or iOS in the background.

5.1.2 Member Data Documentation

5.1.2.1 Objects

`GameObject [] Crosstales.Common.Util.BackgroundController.Objects`

Selected objects to disable in the background for the controller.

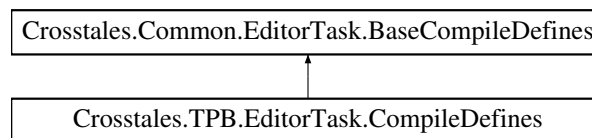
The documentation for this class was generated from the following file:

- `D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/BackgroundController.cs`

5.2 Crosstales.Common.EditorTask.BaseCompileDefines Class Reference

Base for adding and removing the given symbols to PlayerSettings compiler define symbols.

Inheritance diagram for `Crosstales.Common.EditorTask.BaseCompileDefines`:



Static Public Member Functions

- static void [AddSymbolsToAllTargets](#) (params string[] symbols)
Adds the given symbols to the compiler defines.
- static void [RemoveSymbolsFromAllTargets](#) (params string[] symbols)
Removes the given symbols from the compiler defines.

Static Protected Member Functions

- static void **addSymbolsToAllTargets** (params string[] symbols)
- static void **removeSymbolsFromAllTargets** (params string[] symbols)
- static void **setCompileDefines** (string[] symbols)

5.2.1 Detailed Description

Base for adding and removing the given symbols to PlayerSettings compiler define symbols.

5.2.2 Member Function Documentation

5.2.2.1 AddSymbolsToAllTargets()

```
static void Crosstales.Common.EditorTask.BaseCompileDefines.AddSymbolsToAllTargets (
    params string[] symbols ) [static]
```

Adds the given symbols to the compiler defines.

Parameters

<i>symbols</i>	Symbols to add to the compiler defines
----------------	--

5.2.2.2 RemoveSymbolsFromAllTargets()

```
static void Crosstales.Common.EditorTask.BaseCompileDefines.RemoveSymbolsFromAllTargets (
    params string[] symbols ) [static]
```

Removes the given symbols from the compiler defines.

Parameters

<i>symbols</i>	Symbols to remove from the compiler defines
----------------	---

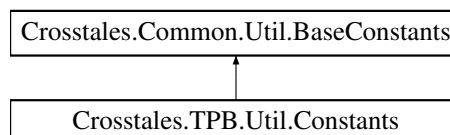
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Editor/Task/BaseCompileDefines.cs

5.3 Crosstales.Common.Util.BaseConstants Class Reference

Base for collected constants of very general utility for the asset.

Inheritance diagram for Crosstales.Common.Util.BaseConstants:



Static Public Attributes

- const string **ASSET_AUTHOR** = "crosstales LLC"
Author of the asset.
- const string **ASSET_AUTHOR_URL** = "https://www.crosstales.com"
URL of the asset author.
- const string **ASSET_CT_URL** = "https://assetstore.unity.com/lists/crosstales-42213?aid=1011INGT"
URL of the crosstales assets in UAS.
- const string **ASSET_SOCIAL_DISCORD** = "https://discord.gg/ZbZ2sh4"
URL of the crosstales Discord-channel.
- const string **ASSET_SOCIAL_FACEBOOK** = "https://www.facebook.com/crosstales/"
URL of the crosstales Facebook-profile.
- const string **ASSET_SOCIAL_TWITTER** = "https://twitter.com/crosstales"

- URL of the crosstales Twitter-profile.*
- const string **ASSET_SOCIAL_YOUTUBE** = "https://www.youtube.com/c/Crosstales"
- URL of the crosstales Youtube-profile.*
- const string **ASSET_SOCIAL_LINKEDIN** = "https://www.linkedin.com/company/crosstales"
- URL of the crosstales LinkedIn-profile.*
- const string **ASSET_3P_PLAYMAKER** = "https://assetstore.unity.com/packages/slug/368?aid=1011INGT"
- URL of the 3rd party asset "PlayMaker".*
- const string **ASSET_BWF** = "https://assetstore.unity.com/packages/slug/26255?aid=1011INGT"
- URL of the "Badword Filter" asset.*
- const string **ASSET_DJ** = "https://assetstore.unity.com/packages/slug/41993?aid=1011INGT"
- URL of the "DJ" asset.*
- const string **ASSET_FB** = "https://assetstore.unity.com/packages/slug/98713?aid=1011INGT"
- URL of the "File Browser" asset.*
- const string **ASSET_OC** = "https://assetstore.unity.com/packages/slug/74688?aid=1011INGT"
- URL of the "Online Check" asset.*
- const string **ASSET_RADIO** = "https://assetstore.unity.com/packages/slug/32034?aid=1011INGT"
- URL of the "Radio" asset.*
- const string **ASSET_RTV** = "https://assetstore.unity.com/packages/slug/41068?aid=1011INGT"
- URL of the "RT-Voice" asset.*
- const string **ASSET_TB** = "https://assetstore.unity.com/packages/slug/98711?aid=1011INGT"
- URL of the "Turbo Backup" asset.*
- const string **ASSET_TPB** = "https://assetstore.unity.com/packages/slug/98714?aid=1011INGT"
- URL of the "Turbo Builder" asset.*
- const string **ASSET_TPS** = "https://assetstore.unity.com/packages/slug/60040?aid=1011INGT"
- URL of the "Turbo Switch" asset.*
- const string **ASSET_TR** = "https://assetstore.unity.com/packages/slug/61617?aid=1011INGT"
- URL of the "True Random" asset.*
- const int **FACTOR_KB** = 1024
- Factor for kilo bytes.*
- const int **FACTOR_MB** = **FACTOR_KB** * 1024
- Factor for mega bytes.*
- const int **FACTOR_GB** = **FACTOR_MB** * 1024
- Factor for giga bytes.*
- const float **FLOAT_32768** = 32768f
- Float value of 32768.*
- const float **FLOAT_TOLERANCE** = 0.0001f
- Float tolerance.*
- const string **FORMAT_TWO_DECIMAL_PLACES** = "0.00"
- ToString for two decimal places.*
- const string **FORMAT_NO_DECIMAL_PLACES** = "0"
- ToString for no decimal places.*
- const string **FORMAT_PERCENT** = "0%"
- ToString for percent.*
- const bool **DEFAULT_DEBUG** = false
- const string **PATH_DELIMITER_WINDOWS** = @"\"
- Path delimiter for Windows.*
- const string **PATH_DELIMITER_UNIX** = "/"
- Path delimiter for Unix.*
- static bool **DEV_DEBUG** = false
- Development debug logging for the asset.*
- static string **TEXT_TOSTRING_START** = "{"

- static string **TEXT_TOSTRING_END** = "}"
- static string **TEXT_TOSTRING_DELIMITER** = ", "
- static string **TEXT_TOSTRING_DELIMITER_END** = ""
- static string **PREFIX_HTTP** = "http://"
- static string **PREFIX_HTTPS** = "https://"
- static int **PROCESS_KILL_TIME** = 5000
Kill processes after 5000 milliseconds.
- static string **CMD_WINDOWS_PATH** = @"C:\Windows\system32\cmd.exe"
Path to the cmd under Windows.
- static bool **SHOW_BWF_BANNER** = true
Show the BWF banner.
- static bool **SHOW_DJ_BANNER** = true
Show the DJ banner.
- static bool **SHOW_FB_BANNER** = true
Show the FB banner.
- static bool **SHOW_OC_BANNER** = true
Show the OC banner.
- static bool **SHOW_RADIO_BANNER** = true
Show the Radio banner.
- static bool **SHOW_RTV_BANNER** = true
Show the RTV banner.
- static bool **SHOW_TB_BANNER** = true
Show the TB banner.
- static bool **SHOW_TPB_BANNER** = true
Show the TPB banner.
- static bool **SHOW_TPS_BANNER** = true
Show the TPS banner.
- static bool **SHOW_TR_BANNER** = true
Show the TR banner.

Properties

- static string **PREFIX_FILE** [get]
URL prefix for files.
- static string **APPLICATION_PATH** [get]
Application path.

5.3.1 Detailed Description

Base for collected constants of very general utility for the asset.

5.3.2 Member Data Documentation

5.3.2.1 ASSET_3P_PLAYMAKER

```
const string Crosstales.Common.Util.BaseConstants.ASSET_3P_PLAYMAKER = "https://assetstore.unity.com/packages/slug/368?aid=10111NGT" [static]
```

URL of the 3rd party asset "PlayMaker".

5.3.2.2 ASSET_AUTHOR

```
const string Crosstales.Common.Util.BaseConstants.ASSET_AUTHOR = "crosstales LLC" [static]
```

Author of the asset.

5.3.2.3 ASSET_AUTHOR_URL

```
const string Crosstales.Common.Util.BaseConstants.ASSET_AUTHOR_URL = "https://www.crosstales.com" [static]
```

URL of the asset author.

5.3.2.4 ASSET_BWF

```
const string Crosstales.Common.Util.BaseConstants.ASSET_BWF = "https://assetstore.unity.com/packages/slug/26255?aid=10111NGT" [static]
```

URL of the "Badword Filter" asset.

5.3.2.5 ASSET_CT_URL

```
const string Crosstales.Common.Util.BaseConstants.ASSET_CT_URL = "https://assetstore.unity.com/lists/crosstales-42213?aid=10111NGT" [static]
```

URL of the crosstales assets in UAS.

5.3.2.6 ASSET_DJ

```
const string Crosstales.Common.Util.BaseConstants.ASSET_DJ = "https://assetstore.unity.com/packages/slug/41993?aid=10111NGT" [static]
```

URL of the "DJ" asset.

5.3.2.7 ASSET_FB

```
const string Crosstales.Common.Util.BaseConstants.ASSET_FB = "https://assetstore.unity.↵  
com/packages/slug/98713?aid=10111NGT" [static]
```

URL of the "File Browser" asset.

5.3.2.8 ASSET_OC

```
const string Crosstales.Common.Util.BaseConstants.ASSET_OC = "https://assetstore.unity.↵  
com/packages/slug/74688?aid=10111NGT" [static]
```

URL of the "Online Check" asset.

5.3.2.9 ASSET_RADIO

```
const string Crosstales.Common.Util.BaseConstants.ASSET_RADIO = "https://assetstore.unity.↵  
com/packages/slug/32034?aid=10111NGT" [static]
```

URL of the "Radio" asset.

5.3.2.10 ASSET_RTV

```
const string Crosstales.Common.Util.BaseConstants.ASSET_RTV = "https://assetstore.unity.↵  
com/packages/slug/41068?aid=10111NGT" [static]
```

URL of the "RT-Voice" asset.

5.3.2.11 ASSET_SOCIAL_DISCORD

```
const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_DISCORD = "https://discord.↵  
gg/ZbZ2sh4" [static]
```

URL of the crosstales Discord-channel.

5.3.2.12 ASSET_SOCIAL_FACEBOOK

```
const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_FACEBOOK = "https://www.↵  
facebook.com/crosstales/" [static]
```

URL of the crosstales Facebook-profile.

5.3.2.13 ASSET_SOCIAL_LINKEDIN

```
const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_LINKEDIN = "https://www.↵  
linkedin.com/company/crosstales" [static]
```

URL of the crosstales LinkedIn-profile.

5.3.2.14 ASSET_SOCIAL_TWITTER

```
const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_TWITTER = "https://twitter.↵  
com/crosstales" [static]
```

URL of the crosstales Twitter-profile.

5.3.2.15 ASSET_SOCIAL_YOUTUBE

```
const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_YOUTUBE = "https://www.youtube.↵  
com/c/Crosstales" [static]
```

URL of the crosstales Youtube-profile.

5.3.2.16 ASSET_TB

```
const string Crosstales.Common.Util.BaseConstants.ASSET_TB = "https://assetstore.unity.↵  
com/packages/slug/98711?aid=10111NGT" [static]
```

URL of the "Turbo Backup" asset.

5.3.2.17 ASSET_TPB

```
const string Crosstales.Common.Util.BaseConstants.ASSET_TPB = "https://assetstore.unity.↵  
com/packages/slug/98714?aid=10111NGT" [static]
```

URL of the "Turbo Builder" asset.

5.3.2.18 ASSET_TPS

```
const string Crosstales.Common.Util.BaseConstants.ASSET_TPS = "https://assetstore.unity.↵  
com/packages/slug/60040?aid=10111NGT" [static]
```

URL of the "Turbo Switch" asset.

5.3.2.19 ASSET_TR

```
const string Crosstales.Common.Util.BaseConstants.ASSET_TR = "https://assetstore.unity.↵  
com/packages/slug/61617?aid=10111NGT" [static]
```

URL of the "True Random" asset.

5.3.2.20 CMD_WINDOWS_PATH

```
string Crosstales.Common.Util.BaseConstants.CMD_WINDOWS_PATH = @"C:\Windows\system32\cmd.exe"  
[static]
```

Path to the cmd under Windows.

5.3.2.21 DEV_DEBUG

```
bool Crosstales.Common.Util.BaseConstants.DEV_DEBUG = false [static]
```

Development debug logging for the asset.

5.3.2.22 FACTOR_GB

```
const int Crosstales.Common.Util.BaseConstants.FACTOR_GB = FACTOR_MB * 1024 [static]
```

Factor for giga bytes.

5.3.2.23 FACTOR_KB

```
const int Crosstales.Common.Util.BaseConstants.FACTOR_KB = 1024 [static]
```

Factor for kilo bytes.

5.3.2.24 FACTOR_MB

```
const int Crosstales.Common.Util.BaseConstants.FACTOR_MB = FACTOR_KB * 1024 [static]
```

Factor for mega bytes.

5.3.2.25 FLOAT_32768

```
const float Crosstales.Common.Util.BaseConstants.FLOAT_32768 = 32768f [static]
```

Float value of 32768.

5.3.2.26 FLOAT_TOLERANCE

```
const float Crosstales.Common.Util.BaseConstants.FLOAT_TOLERANCE = 0.0001f [static]
```

Float tolerance.

5.3.2.27 FORMAT_NO_DECIMAL_PLACES

```
const string Crosstales.Common.Util.BaseConstants.FORMAT_NO_DECIMAL_PLACES = "0" [static]
```

ToString for no decimal places.

5.3.2.28 FORMAT_PERCENT

```
const string Crosstales.Common.Util.BaseConstants.FORMAT_PERCENT = "0%" [static]
```

ToString for percent.

5.3.2.29 FORMAT_TWO_DECIMAL_PLACES

```
const string Crosstales.Common.Util.BaseConstants.FORMAT_TWO_DECIMAL_PLACES = "0.00" [static]
```

ToString for two decimal places.

5.3.2.30 PATH_DELIMITER_UNIX

```
const string Crosstales.Common.Util.BaseConstants.PATH_DELIMITER_UNIX = "/" [static]
```

Path delimiter for Unix.

5.3.2.31 PATH_DELIMITER_WINDOWS

```
const string Crosstales.Common.Util.BaseConstants.PATH_DELIMITER_WINDOWS = @"\" [static]
```

Path delimiter for Windows.

5.3.2.32 PROCESS_KILL_TIME

```
int Crosstales.Common.Util.BaseConstants.PROCESS_KILL_TIME = 5000 [static]
```

Kill processes after 5000 milliseconds.

5.3.2.33 SHOW_BWF_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_BWF_BANNER = true [static]
```

Show the BWF banner.

5.3.2.34 SHOW_DJ_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_DJ_BANNER = true [static]
```

Show the DJ banner.

5.3.2.35 SHOW_FB_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_FB_BANNER = true [static]
```

Show the FB banner.

5.3.2.36 SHOW_OC_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_OC_BANNER = true [static]
```

Show the OC banner.

5.3.2.37 SHOW_RADIO_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_RADIO_BANNER = true [static]
```

Show the Radio banner.

5.3.2.38 SHOW_RTV_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_RTV_BANNER = true [static]
```

Show the RTV banner.

5.3.2.39 SHOW_TB_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_TB_BANNER = true [static]
```

Show the TB banner.

5.3.2.40 SHOW_TPB_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_TPB_BANNER = true [static]
```

Show the [TPB](#) banner.

5.3.2.41 SHOW_TPS_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_TPS_BANNER = true [static]
```

Show the TPS banner.

5.3.2.42 SHOW_TR_BANNER

```
bool Crosstales.Common.Util.BaseConstants.SHOW_TR_BANNER = true [static]
```

Show the TR banner.

5.3.3 Property Documentation

5.3.3.1 APPLICATION_PATH

```
string Crosstales.Common.Util.BaseConstants.APPLICATION_PATH [static], [get]
```

Application path.

5.3.3.2 PREFIX_FILE

```
string Crosstales.Common.Util.BaseConstants.PREFIX_FILE [static], [get]
```

URL prefix for files.

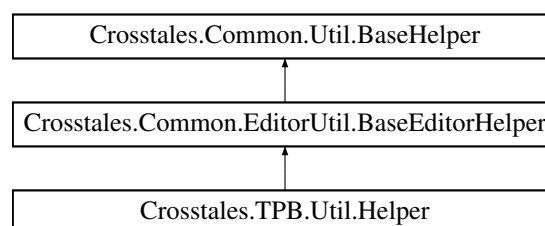
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/BaseConstants.cs

5.4 Crosstales.Common.EditorUtil.BaseEditorHelper Class Reference

Base for various Editor helper functions.

Inheritance diagram for Crosstales.Common.EditorUtil.BaseEditorHelper:



Static Public Member Functions

- static void [RestartUnity](#) (string executeMethod="")
Restart Unity.
- static void [SeparatorUI](#) (int space=12)
Shows a separator-UI.
- static void [ReadOnlyTextField](#) (string label, string text)
Generates a read-only text field with a label.
- static void [RefreshAssetDatabase](#) (ImportAssetOptions options=ImportAssetOptions.Default)
Refreshes the asset database.
- static void [InvokeMethod](#) (string className, string methodName, params object[] parameters)
Invokes a public static method on a full qualified class.
- static bool [IsValidBuildTarget](#) (BuildTarget target)
Returns the true if the BuildTarget is installed in Unity.
- static string [getCLIArgument](#) (string name)
Returns an argument for a name from the command line.
- static BuildTarget [getBuildTargetForBuildName](#) (string build)
Returns the BuildTarget for a build name, like 'win64'.
- static string [getBuildNameFromBuildTarget](#) (BuildTarget build)
Returns the build name for a BuildTarget.
- static System.Collections.Generic.List< T > [FindAssetsByType< T > \(\)](#)
Returns assets for a certain type.

Properties

- static Texture2D **Logo_Asset_BWF** [get]
- static Texture2D **Logo_Asset_DJ** [get]
- static Texture2D **Logo_Asset_FB** [get]
- static Texture2D **Logo_Asset_OC** [get]
- static Texture2D **Logo_Asset_Radio** [get]
- static Texture2D **Logo_Asset_RTV** [get]
- static Texture2D **Logo_Asset_TB** [get]
- static Texture2D **Logo_Asset_TPB** [get]
- static Texture2D **Logo_Asset_TPS** [get]
- static Texture2D **Logo_Asset_TR** [get]
- static Texture2D **Logo_CT** [get]
- static Texture2D **Logo_Unity** [get]
- static Texture2D **Icon_Save** [get]
- static Texture2D **Icon_Reset** [get]
- static Texture2D **Icon_Refresh** [get]
- static Texture2D **Icon_Delete** [get]
- static Texture2D **Icon_Folder** [get]
- static Texture2D **Icon_Plus** [get]
- static Texture2D **Icon_Minus** [get]
- static Texture2D **Icon_Manual** [get]
- static Texture2D **Icon_API** [get]
- static Texture2D **Icon_Forum** [get]
- static Texture2D **Icon_Product** [get]
- static Texture2D **Icon_Check** [get]
- static Texture2D **Social_Discord** [get]
- static Texture2D **Social_Facebook** [get]
- static Texture2D **Social_Twitter** [get]

- static Texture2D **Social_YouTube** [get]
- static Texture2D **Social_Linkedin** [get]
- static Texture2D **Video_Promo** [get]
- static Texture2D **Video_Tutorial** [get]
- static Texture2D **Icon_Videos** [get]
- static Texture2D **Icon_3p_Assets** [get]
- static Texture2D **Asset_PlayMaker** [get]

Additional Inherited Members

5.4.1 Detailed Description

Base for various Editor helper functions.

5.4.2 Member Function Documentation

5.4.2.1 FindAssetsByType< T >()

```
static System.Collections.Generic.List<T> Crosstales.Common.EditorUtil.BaseEditorHelper.FindAssetsByType< T > ( ) [static]
```

Returns assets for a certain type.

Returns

List of assets for a certain type.

Type Constraints

T: *Object*

5.4.2.2 getBuildNameFromBuildTarget()

```
static string Crosstales.Common.EditorUtil.BaseEditorHelper.getBuildNameFromBuildTarget ( BuildTarget build ) [static]
```

Returns the build name for a BuildTarget.

Parameters

<i>build</i>	BuildTarget for a build name
--------------	------------------------------

Returns

The build name for a BuildTarget.

5.4.2.3 getBuildTargetForBuildName()

```
static BuildTarget Crosstales.Common.EditorUtil.BaseEditorHelper.getBuildTargetForBuildName (
    string build ) [static]
```

Returns the BuildTarget for a build name, like 'win64'.

Parameters

<i>build</i>	Build name, like 'win64'
--------------	--------------------------

Returns

The BuildTarget for a build name.

5.4.2.4 getCLIArgument()

```
static string Crosstales.Common.EditorUtil.BaseEditorHelper.getCLIArgument (
    string name ) [static]
```

Returns an argument for a name from the command line.

Parameters

<i>name</i>	Name for the argument
-------------	-----------------------

Returns

True if the BuildTarget is installed in Unity.

5.4.2.5 InvokeMethod()

```
static void Crosstales.Common.EditorUtil.BaseEditorHelper.InvokeMethod (
    string className,
    string methodName,
    params object[] parameters ) [static]
```

Invokes a public static method on a full qualified class.

Parameters

<i>className</i>	Full qualified name of the class
<i>methodName</i>	Public static method of the class to execute
<i>parameters</i>	Parameters for the method (optional)

5.4.2.6 isValidBuildTarget()

```
static bool Crosstales.Common.EditorUtil.BaseEditorHelper.isValidBuildTarget (
    BuildTarget target ) [static]
```

Returns the true if the BuildTarget is installed in Unity.

Parameters

<i>target</i>	BuildTarget to test
---------------	---------------------

Returns

True if the BuildTarget is installed in Unity.

5.4.2.7 ReadOnlyTextField()

```
static void Crosstales.Common.EditorUtil.BaseEditorHelper.ReadOnlyTextField (
    string label,
    string text ) [static]
```

Generates a read-only text field with a label.

5.4.2.8 RefreshAssetDatabase()

```
static void Crosstales.Common.EditorUtil.BaseEditorHelper.RefreshAssetDatabase (
    ImportAssetOptions options = ImportAssetOptions.Default ) [static]
```

Refreshes the asset database.

Parameters

<i>options</i>	Asset import options (default: ImportAssetOptions.Default, optional).
----------------	---

5.4.2.9 RestartUnity()

```
static void Crosstales.Common.EditorUtil.BaseEditorHelper.RestartUnity (
    string executeMethod = "" ) [static]
```

Restart Unity.

Parameters

<i>executeMethod</i>	Executed method after the restart (optional)
----------------------	--

5.4.2.10 SeparatorUI()

```
static void Crosstales.Common.EditorUtil.BaseEditorHelper.SeparatorUI (
    int space = 12 ) [static]
```

Shows a separator-UI.

Parameters

<i>space</i>	Space in pixels between the component and the separator line (default: 12, optional).
--------------	---

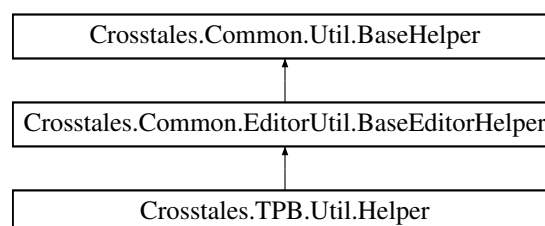
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Editor/Util/BaseEditorHelper.cs

5.5 Crosstales.Common.Util.BaseHelper Class Reference

Base for various helper functions.

Inheritance diagram for Crosstales.Common.Util.BaseHelper:



Static Public Member Functions

- static string [CreateString](#) (string replaceChars, int stringLength)
Creates a string of characters with a given length.
- static bool [hasActiveClip](#) (AudioSource source)
Determines if an AudioSource has an active clip.
- static bool [RemoteCertificateValidationCallback](#) (System.Object sender, System.Security.Cryptography.X509Certificates.X509Certificate certificate, System.Security.Cryptography.X509Certificates.X509Chain chain, System.Net.Security.SslPolicyErrors sslPolicyErrors)
HTTPS-certification callback.
- static string [ValidatePath](#) (string path, bool addEndDelimiter=true)
Validates a given path and add missing slash.
- static string [ValidateFile](#) (string path)
Validates a given file.
- static string[] [GetFiles](#) (string path, bool isRecursive=false, params string[] extensions)
Find files inside a path.
- static string[] [GetDirectories](#) (string path, bool isRecursive=false)
Find directories inside.
- static string [ValidURLFromFilePath](#) (string path)
Validates a given file.
- static string [CleanUrl](#) (string url, bool removeProtocol=true, bool removeWWW=true, bool removeSlash=true)
Cleans a given URL.
- static string [ClearTags](#) (string text)
Cleans a given text from tags.
- static string [ClearSpaces](#) (string text)
Cleans a given text from multiple spaces.
- static string [ClearLineEndings](#) (string text)
Cleans a given text from line endings.
- static System.Collections.Generic.List< string > [SplitStringToLines](#) (string text, bool ignoreCommented↵ Lines=true, int skipHeaderLines=0, int skipFooterLines=0)
Split the given text to lines and return it as list.
- static string [FormatBytesToHRF](#) (long bytes)
Format byte-value to Human-Readable-Form.
- static string [FormatSecondsToHourMinSec](#) (double seconds)
Format seconds to Human-Readable-Form.
- static Color [HSVToRGB](#) (float h, float s, float v, float a=1f)
Generate nice HSV colors. Based on <https://gist.github.com/rje/6206099>
- static bool [IsValidURL](#) (string url)
Checks if the URL is valid.
- static void [FileCopy](#) (string inputFile, string outputFile, bool move=false)
Copy or move a file.
- static void [ShowFileLocation](#) (string file)
Shows the location of a path or file in OS file explorer. NOTE: only works for standalone platforms
- static void [OpenFile](#) (string file)
Opens a file with the OS default application. NOTE: only works for standalone platforms
- static string [getIP](#) (string host)
Returns the IP of a given host name.

Static Public Attributes

- static readonly System.Globalization.CultureInfo **BaseCulture**

Static Protected Attributes

- static readonly System.Text.RegularExpressions.Regex **lineEndingsRegex**
- static readonly System.Text.RegularExpressions.Regex **cleanSpacesRegex**
- static readonly System.Text.RegularExpressions.Regex **cleanTagsRegex**
- static readonly System.Random **rnd** = new System.Random()
- const string **file_prefix** = "file://"

Properties

- static bool **isInternetAvailable** [get]
Checks if an Internet connection is available.
- static bool **isWindowsPlatform** [get]
Checks if the current platform is Windows.
- static bool **isMacOSPlatform** [get]
Checks if the current platform is OSX.
- static bool **isLinuxPlatform** [get]
Checks if the current platform is Linux.
- static bool **isStandalonePlatform** [get]
Checks if the current platform is standalone (Windows, macOS or Linux).
- static bool **isAndroidPlatform** [get]
Checks if the current platform is Android.
- static bool **isIOSPlatform** [get]
Checks if the current platform is iOS.
- static bool **isTvOSPlatform** [get]
Checks if the current platform is tvOS.
- static bool **isWSAPlatform** [get]
Checks if the current platform is WSA.
- static bool **isXboxOnePlatform** [get]
Checks if the current platform is XboxOne.
- static bool **isPS4Platform** [get]
Checks if the current platform is PS4.
- static bool **isWebGLPlatform** [get]
Checks if the current platform is WebGL.
- static bool **isWebPlatform** [get]
Checks if the current platform is Web (WebPlayer or WebGL).
- static bool **isWindowsBasedPlatform** [get]
Checks if the current platform is Windows-based (Windows standalone, WSA or XboxOne).
- static bool **isWSABasedPlatform** [get]
Checks if the current platform is WSA-based (WSA or XboxOne).
- static bool **isAppleBasedPlatform** [get]
Checks if the current platform is Apple-based (macOS standalone, iOS or tvOS).
- static bool **isIOSBasedPlatform** [get]
Checks if the current platform is iOS-based (iOS or tvOS).
- static bool **isEditor** [get]
Checks if we are inside the Editor.
- static bool **isWindowsEditor** [get]
Checks if we are inside the Windows Editor.
- static bool **isMacOSEditor** [get]
Checks if we are inside the macOS Editor.
- static bool **isLinuxEditor** [get]

Checks if we are inside the Linux Editor.

- static bool [isEditorMode](#) [get]

Checks if we are in Editor mode.

- static bool [isIL2CPP](#) [get]

Checks if the current build target uses IL2CPP.

- static [Model.Enum.Platform?](#) [CurrentPlatform](#) [get]

Returns the current platform.

- static string [StreamingAssetsPath](#) [get]

Returns the path to the the "Streaming Assets".

5.5.1 Detailed Description

Base for various helper functions.

5.5.2 Member Function Documentation

5.5.2.1 CleanUrl()

```
static string Crosstales.Common.Util.BaseHelper.CleanUrl (  
    string url,  
    bool removeProtocol = true,  
    bool removeWWW = true,  
    bool removeSlash = true ) [static]
```

Cleans a given URL.

Parameters

<i>url</i>	URL to clean
<i>removeProtocol</i>	Remove the protocol, e.g. http:// (default: true, optional).
<i>removeWWW</i>	Remove www (default: true, optional).
<i>removeSlash</i>	Remove slash at the end (default: true, optional)

Returns

Clean URL

5.5.2.2 ClearLineEndings()

```
static string Crosstales.Common.Util.BaseHelper.ClearLineEndings (  
    string text ) [static]
```

Cleans a given text from line endings.

Parameters

<i>text</i>	Text to clean.
-------------	----------------

Returns

Clean text without line endings.

5.5.2.3 ClearSpaces()

```
static string Crosstales.Common.Util.BaseHelper.ClearSpaces (
    string text ) [static]
```

Cleans a given text from multiple spaces.

Parameters

<i>text</i>	Text to clean.
-------------	----------------

Returns

Clean text without multiple spaces.

5.5.2.4 ClearTags()

```
static string Crosstales.Common.Util.BaseHelper.ClearTags (
    string text ) [static]
```

Cleans a given text from tags.

Parameters

<i>text</i>	Text to clean.
-------------	----------------

Returns

Clean text without tags.

5.5.2.5 CreateString()

```
static string Crosstales.Common.Util.BaseHelper.CreateString (
    string replaceChars,
    int stringLength ) [static]
```

Creates a string of characters with a given length.

Parameters

<i>replaceChars</i>	Characters to generate the string (if more than one character is used, the generated string will be a randomized result of all characters)
<i>stringLength</i>	Length of the generated string

Returns

Generated string

5.5.2.6 FileCopy()

```
static void Crosstales.Common.Util.BaseHelper.FileCopy (
    string inputFile,
    string outputFile,
    bool move = false ) [static]
```

Copy or move a file.

Parameters

<i>inputFile</i>	Input file path
<i>outputFile</i>	Output file path
<i>move</i>	Move file instead of copy (default: false, optional)

5.5.2.7 FormatBytesToHRF()

```
static string Crosstales.Common.Util.BaseHelper.FormatBytesToHRF (
    long bytes ) [static]
```

Format byte-value to Human-Readable-Form.

Returns

Formatted byte-value in Human-Readable-Form.

5.5.2.8 FormatSecondsToHourMinSec()

```
static string Crosstales.Common.Util.BaseHelper.FormatSecondsToHourMinSec (
    double seconds ) [static]
```

Format seconds to Human-Readable-Form.

Returns

Formatted seconds in Human-Readable-Form.

5.5.2.9 GetDirectories()

```
static string [] Crosstales.Common.Util.BaseHelper.GetDirectories (
    string path,
    bool isRecursive = false ) [static]
```

Find directories inside.

Parameters

<i>path</i>	Path to find the directories
<i>isRecursive</i>	Recursive search (default: false, optional)

Returns

Returns array of the found directories inside the path. Zero length array when an error occurred.

5.5.2.10 GetFiles()

```
static string [] Crosstales.Common.Util.BaseHelper.GetFiles (
    string path,
    bool isRecursive = false,
    params string[] extensions ) [static]
```

Find files inside a path.

Parameters

<i>path</i>	Path to find the files
<i>isRecursive</i>	Recursive search (default: false, optional)
<i>extensions</i>	Extensions for the file search, e.g. "png" (optional)

Returns

Returns array of the found files inside the path (alphabetically ordered). Zero length array when an error occurred.

5.5.2.11 getIP()

```
static string Crosstales.Common.Util.BaseHelper.getIP (
    string host ) [static]
```

Returns the IP of a given host name.

Parameters

<i>host</i>	Host name
-------------	-----------

Returns

IP of a given host name.

5.5.2.12 hasActiveClip()

```
static bool Crosstales.Common.Util.BaseHelper.hasActiveClip (  
    AudioSource source ) [static]
```

Determines if an AudioSource has an active clip.

Parameters

<i>source</i>	AudioSource to check.
---------------	-----------------------

Returns

True if the AudioSource has an active clip.

5.5.2.13 HSVToRGB()

```
static Color Crosstales.Common.Util.BaseHelper.HSVToRGB (  
    float h,  
    float s,  
    float v,  
    float a = 1f ) [static]
```

Generate nice HSV colors. Based on <https://gist.github.com/rje/6206099>

Parameters

<i>h</i>	Hue
<i>s</i>	Saturation
<i>v</i>	Value
<i>a</i>	Alpha (optional)

Returns

True if the current platform is supported.

5.5.2.14 isValidURL()

```
static bool Crosstales.Common.Util.BaseHelper.isValidURL (
    string url ) [static]
```

Checks if the URL is valid.

Parameters

<i>url</i>	URL to check
------------	--------------

Returns

True if the URL is valid.

5.5.2.15 OpenFile()

```
static void Crosstales.Common.Util.BaseHelper.OpenFile (
    string file ) [static]
```

Opens a file with the OS default application. NOTE: only works for standalone platforms

Parameters

<i>file</i>	File path
-------------	-----------

5.5.2.16 RemoteCertificateValidationCallback()

```
static bool Crosstales.Common.Util.BaseHelper.RemoteCertificateValidationCallback (
    System.Object sender,
    System.Security.Cryptography.X509Certificates.X509Certificate certificate,
    System.Security.Cryptography.X509Certificates.X509Chain chain,
    System.Net.Security.SslPolicyErrors sslPolicyErrors ) [static]
```

HTTPS-certification callback.

5.5.2.17 ShowFileLocation()

```
static void Crosstales.Common.Util.BaseHelper.ShowFileLocation (
    string file ) [static]
```

Shows the location of a path or file in OS file explorer. NOTE: only works for standalone platforms

Parameters

<i>file</i>	File path
-------------	-----------

5.5.2.18 SplitStringToLines()

```
static System.Collections.Generic.List<string> Crosstales.Common.Util.BaseHelper.SplitStringToLines (
    string text,
    bool ignoreCommentedLines = true,
    int skipHeaderLines = 0,
    int skipFooterLines = 0 ) [static]
```

Split the given text to lines and return it as list.

Parameters

<i>text</i>	Complete text fragment
<i>ignoreCommentedLines</i>	Ignore commente lines (default: true, optional)
<i>skipHeaderLines</i>	Number of skipped header lines (default: 0, optional)
<i>skipFooterLines</i>	Number of skipped footer lines (default: 0, optional)

Returns

Splitted lines as array

5.5.2.19 ValidateFile()

```
static string Crosstales.Common.Util.BaseHelper.ValidateFile (
    string path ) [static]
```

Validates a given file.

Parameters

<i>path</i>	File to validate
-------------	------------------

Returns

Valid file path

5.5.2.20 ValidatePath()

```
static string Crosstales.Common.Util.BaseHelper.ValidatePath (
    string path,
    bool addEndDelimiter = true ) [static]
```

Validates a given path and add missing slash.

Parameters

<i>path</i>	Path to validate
<i>addEndDelimiter</i>	Add delimiter at the end of the path (optional, default: true)

Returns

Valid path

5.5.2.21 ValidURLFromFilePath()

```
static string Crosstales.Common.Util.BaseHelper.ValidURLFromFilePath (
    string path ) [static]
```

Validates a given file.

Parameters

<i>path</i>	File to validate
-------------	------------------

Returns

Valid file path

5.5.3 Member Data Documentation

5.5.3.1 BaseCulture

```
readonly System.Globalization.CultureInfo Crosstales.Common.Util.BaseHelper.BaseCulture [static]
```

Initial value:

```
=
    new System.Globalization.CultureInfo("en-US")
```

5.5.3.2 cleanSpacesRegex

```
readonly System.Text.RegularExpressions.Regex Crosstales.Common.Util.BaseHelper.cleanSpaces↵  
Regex [static], [protected]
```

Initial value:

```
=  
    new System.Text.RegularExpressions.Regex(@"\s+")
```

5.5.3.3 cleanTagsRegex

```
readonly System.Text.RegularExpressions.Regex Crosstales.Common.Util.BaseHelper.cleanTagsRegex  
[static], [protected]
```

Initial value:

```
=  
    new System.Text.RegularExpressions.Regex(@"<.*?>")
```

5.5.3.4 lineEndingsRegex

```
readonly System.Text.RegularExpressions.Regex Crosstales.Common.Util.BaseHelper.lineEndings↵  
Regex [static], [protected]
```

Initial value:

```
=  
    new System.Text.RegularExpressions.Regex(@"\r\n|\r|\n")
```

5.5.4 Property Documentation

5.5.4.1 CurrentPlatform

```
Model.Enum.Platform? Crosstales.Common.Util.BaseHelper.CurrentPlatform [static], [get]
```

Returns the current platform.

Returns

The current platform.

5.5.4.2 isAndroidPlatform

```
bool Crosstales.Common.Util.BaseHelper.isAndroidPlatform [static], [get]
```

Checks if the current platform is Android.

Returns

True if the current platform is Android.

5.5.4.3 isAppleBasedPlatform

```
bool Crosstales.Common.Util.BaseHelper.isAppleBasedPlatform [static], [get]
```

Checks if the current platform is Apple-based (macOS standalone, iOS or tvOS).

Returns

True if the current platform is Apple-based (macOS standalone, iOS or tvOS).

5.5.4.4 isEditor

```
bool Crosstales.Common.Util.BaseHelper.isEditor [static], [get]
```

Checks if we are inside the Editor.

Returns

True if we are inside the Editor.

5.5.4.5 isEditorMode

```
bool Crosstales.Common.Util.BaseHelper.isEditorMode [static], [get]
```

Checks if we are in Editor mode.

Returns

True if in Editor mode.

5.5.4.6 isIL2CPP

```
bool Crosstales.Common.Util.BaseHelper.isIL2CPP [static], [get]
```

Checks if the current build target uses IL2CPP.

Returns

True if the current build target uses IL2CPP.

5.5.4.7 isInternetAvailable

```
bool Crosstales.Common.Util.BaseHelper.isInternetAvailable [static], [get]
```

Checks if an Internet connection is available.

Returns

True if an Internet connection is available.

5.5.4.8 isIOSBasedPlatform

```
bool Crosstales.Common.Util.BaseHelper.isIOSBasedPlatform [static], [get]
```

Checks if the current platform is iOS-based (iOS or tvOS).

Returns

True if the current platform is iOS-based (iOS or tvOS).

5.5.4.9 isIOSPlatform

```
bool Crosstales.Common.Util.BaseHelper.isIOSPlatform [static], [get]
```

Checks if the current platform is iOS.

Returns

True if the current platform is iOS.

5.5.4.10 isLinuxEditor

```
bool Crosstales.Common.Util.BaseHelper.isLinuxEditor [static], [get]
```

Checks if we are inside the Linux Editor.

Returns

True if we are inside the Linux Editor.

5.5.4.11 isLinuxPlatform

```
bool Crosstales.Common.Util.BaseHelper.isLinuxPlatform [static], [get]
```

Checks if the current platform is Linux.

Returns

True if the current platform is Linux.

5.5.4.12 isMacOSEditor

```
bool Crosstales.Common.Util.BaseHelper.isMacOSEditor [static], [get]
```

Checks if we are inside the macOS Editor.

Returns

True if we are inside the macOS Editor.

5.5.4.13 isMacOSPlatform

```
bool Crosstales.Common.Util.BaseHelper.isMacOSPlatform [static], [get]
```

Checks if the current platform is OSX.

Returns

True if the current platform is OSX.

5.5.4.14 isPS4Platform

```
bool Crosstales.Common.Util.BaseHelper.isPS4Platform [static], [get]
```

Checks if the current platform is PS4.

Returns

True if the current platform is PS4.

5.5.4.15 isStandalonePlatform

```
bool Crosstales.Common.Util.BaseHelper.isStandalonePlatform [static], [get]
```

Checks if the current platform is standalone (Windows, macOS or Linux).

Returns

True if the current platform is standalone (Windows, macOS or Linux).

5.5.4.16 isTvOSPlatform

```
bool Crosstales.Common.Util.BaseHelper.isTvOSPlatform [static], [get]
```

Checks if the current platform is tvOS.

Returns

True if the current platform is tvOS.

5.5.4.17 isWebGLPlatform

```
bool Crosstales.Common.Util.BaseHelper.isWebGLPlatform [static], [get]
```

Checks if the current platform is WebGL.

Returns

True if the current platform is WebGL.

5.5.4.18 isWebPlatform

```
bool Crosstales.Common.Util.BaseHelper.isWebPlatform [static], [get]
```

Checks if the current platform is Web (WebPlayer or WebGL).

Returns

True if the current platform is Web (WebPlayer or WebGL).

5.5.4.19 isWindowsBasedPlatform

```
bool Crosstales.Common.Util.BaseHelper.isWindowsBasedPlatform [static], [get]
```

Checks if the current platform is Windows-based (Windows standalone, WSA or XboxOne).

Returns

True if the current platform is Windows-based (Windows standalone, WSA or XboxOne).

5.5.4.20 isWindowsEditor

```
bool Crosstales.Common.Util.BaseHelper.isWindowsEditor [static], [get]
```

Checks if we are inside the Windows Editor.

Returns

True if we are inside the Windows Editor.

5.5.4.21 isWindowsPlatform

```
bool Crosstales.Common.Util.BaseHelper.isWindowsPlatform [static], [get]
```

Checks if the current platform is Windows.

Returns

True if the current platform is Windows.

5.5.4.22 isWSABasedPlatform

```
bool Crosstales.Common.Util.BaseHelper.isWSABasedPlatform [static], [get]
```

Checks if the current platform is WSA-based (WSA or XboxOne).

Returns

True if the current platform is WSA-based (WSA or XboxOne).

5.5.4.23 isWSAPlatform

```
bool Crosstales.Common.Util.BaseHelper.isWSAPlatform [static], [get]
```

Checks if the current platform is WSA.

Returns

True if the current platform is WSA.

5.5.4.24 isXboxOnePlatform

```
bool Crosstales.Common.Util.BaseHelper.isXboxOnePlatform [static], [get]
```

Checks if the current platform is XboxOne.

Returns

True if the current platform is XboxOne.

5.5.4.25 StreamingAssetsPath

```
string Crosstales.Common.Util.BaseHelper.StreamingAssetsPath [static], [get]
```

Returns the path to the the "Streaming Assets".

Returns

The path to the the "Streaming Assets".

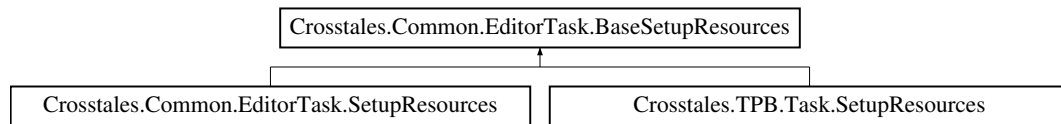
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/BaseHelper.cs

5.6 Crosstales.Common.EditorTask.BaseSetupResources Class Reference

Base for copying all resources to 'Editor Default Resources'.

Inheritance diagram for Crosstales.Common.EditorTask.BaseSetupResources:



Static Protected Member Functions

- static void **setupResources** (string source, string sourceFolder, string target, string targetFolder, string metafile)

5.6.1 Detailed Description

Base for copying all resources to 'Editor Default Resources'.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Editor/Task/BaseSetupResources.cs

5.7 Crosstales.TPB.Builder Class Reference

Platform builder.

Static Public Member Functions

- static bool **Build** (BuildTarget target, string path=null, string name=null)
Builds the given target.
- static bool **BuildAll** (string path=null, string name=null)
Builds all selected targets.
- static void **BuildAllCLI** ()
Builds all selected targets via CLI.
- static void **BuildCLI** ()
Builds the targets via CLI.
- static void **BuildTPS** ()
Builds the current target via TPS.
- static void **SayHello** ()
Test building with an execute method.
- static void **MethodBeforeBuilding** ()
Test method (before building).
- static void **MethodAfterBuilding** ()
Test method (after building).
- static void **MethodBeforeBuild** ()
Test method (before a build).
- static void **MethodAfterBuild** ()
Test method (after a build).

Static Public Attributes

- static BuildTarget [CurrentBuildTarget](#) = BuildTarget.NoTarget
The current build target.

5.7.1 Detailed Description

Platform builder.

5.7.2 Member Function Documentation

5.7.2.1 Build()

```
static bool Crosstales.TPB.Builder.Build (  
    BuildTarget target,  
    string path = null,  
    string name = null ) [static]
```

Builds the given target.

Parameters

<i>target</i>	Build target
<i>path</i>	Build path (optional)
<i>name</i>	Name of the build artifact (optional)

Returns

True if the build was successful.

5.7.2.2 BuildAll()

```
static bool Crosstales.TPB.Builder.BuildAll (  
    string path = null,  
    string name = null ) [static]
```

Builds all selected targets.

Parameters

<i>path</i>	Build path (optional)
<i>name</i>	Name of the build artifact (optional)

Returns

True if the builds were successful.

5.7.2.3 BuildAllCLI()

```
static void Crosstales.TPB.Builder.BuildAllCLI ( ) [static]
```

Builds all selected targets via CLI.

5.7.2.4 BuildCLI()

```
static void Crosstales.TPB.Builder.BuildCLI ( ) [static]
```

Builds the targets via CLI.

5.7.2.5 BuildTPS()

```
static void Crosstales.TPB.Builder.BuildTPS ( ) [static]
```

Builds the current target via TPS.

5.7.2.6 MethodAfterBuild()

```
static void Crosstales.TPB.Builder.MethodAfterBuild ( ) [static]
```

Test method (after a build).

5.7.2.7 MethodAfterBuilding()

```
static void Crosstales.TPB.Builder.MethodAfterBuilding ( ) [static]
```

Test method (after building).

5.7.2.8 MethodBeforeBuild()

```
static void Crosstales.TPB.Builder.MethodBeforeBuild ( ) [static]
```

Test method (before a build).

5.7.2.9 MethodBeforeBuilding()

```
static void Crosstales.TPB.Builder.MethodBeforeBuilding ( ) [static]
```

Test method (before building).

5.7.2.10 SayHello()

```
static void Crosstales.TPB.Builder.SayHello ( ) [static]
```

Test building with an execute method.

5.7.3 Member Data Documentation

5.7.3.1 CurrentBuildTarget

```
BuildTarget Crosstales.TPB.Builder.CurrentBuildTarget = BuildTarget.NoTarget [static]
```

The current build target.

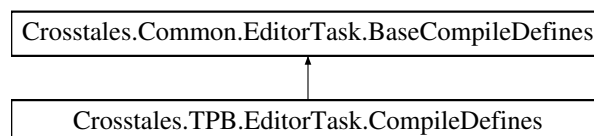
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/Builder.↔
cs

5.8 Crosstales.TPB.EditorTask.CompileDefines Class Reference

Adds the given define symbols to PlayerSettings define symbols.

Inheritance diagram for Crosstales.TPB.EditorTask.CompileDefines:



Additional Inherited Members

5.8.1 Detailed Description

Adds the given define symbols to PlayerSettings define symbols.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↔
Task/CompileDefines.cs

5.9 Crosstales.TPB.Util.Config Class Reference

Configuration for the asset.

Static Public Member Functions

- static void [Reset](#) ()
Resets all changeable variables to their default value.
- static void [Load](#) ()
Loads the all changeable variables.
- static void [Save](#) ()
Saves the all changeable variables.

Static Public Attributes

- static bool [CUSTOM_PATH_BUILD](#) = Constants.DEFAULT_CUSTOM_PATH_BUILD
Enable or disable custom location for the cache.
- static int [VCS](#) = Constants.DEFAULT_VCS
Selected VCS-system (default: 0, 0 = none, 1 = git, 2 = SVN, 3 Mercurial, 4 = Collab, 5 = PlasticSCM).
- static bool [ADD_NAME_TO_PATH](#) = Constants.DEFAULT_ADD_NAME_TO_PATH
Enable or disable adding the product name to the build path.
- static bool [ADD_DATE_TO_PATH](#) = Constants.DEFAULT_ADD_DATE_TO_PATH
Enable or disable adding the current date and time to the build path.
- static string [EXECUTE_METHOD_PRE_BUILDING](#) = string.Empty
Execute static method 'ClassName.MethodName' in Unity before building.
- static string [EXECUTE_METHOD_POST_BUILDING](#) = string.Empty
Execute static method 'ClassName.MethodName' in Unity after building.
- static string [EXECUTE_METHOD_PRE_BUILD](#) = string.Empty
Execute static method 'ClassName.MethodName' in Unity before a build.
- static string [EXECUTE_METHOD_POST_BUILD](#) = string.Empty
Execute static method 'ClassName.MethodName' in Unity after a build.
- static bool [DELETE_LOCKFILE](#) = Constants.DEFAULT_DELETE_LOCKFILE
Enable or disable deleting the 'UnityLockfile'.
- static bool [CONFIRM_BUILD](#) = Constants.DEFAULT_CONFIRM_BUILD
Enable or disable the build confirmation dialog.
- static bool [DEBUG](#) = Constants.DEFAULT_DEBUG

- Enable or disable debug logging for the asset.*

 - static bool [UPDATE_CHECK](#) = Constants.DEFAULT_UPDATE_CHECK
- Enable or disable update-checks for the asset.*

 - static bool [PLATFORM_WINDOWS](#)

Enable or disable the Windows platform.

 - static bool [PLATFORM_MAC](#)

Enable or disable the macOS platform.

 - static bool [PLATFORM_LINUX](#)

Enable or disable the Linux platform.

 - static bool [PLATFORM_ANDROID](#)

Enable or disable the Android platform.

 - static bool [PLATFORM_IOS](#)

Enable or disable the iOS platform.

 - static bool [PLATFORM_WSA](#)

Enable or disable the WSA platform.

 - static bool [PLATFORM_WEBGL](#)

Enable or disable the WebGL platform.

 - static bool [PLATFORM_TVOS](#)

Enable or disable the tvOS platform.

 - static bool [PLATFORM_PS4](#)

Enable or disable the PS4 platform.

 - static bool [PLATFORM_XBOXONE](#)

Enable or disable the XboxOne platform.

 - static bool [PLATFORM_SWITCH](#)

Enable or disable the Nintendo Switch platform.

 - static bool [PLATFORM_WIIU](#)

Enable or disable the WiiU platform.

 - static bool [PLATFORM_3DS](#)

Enable or disable the 3DS platform.

 - static bool [PLATFORM_PSP2](#)

Enable or disable the PSP2 (Vita) platform.

 - static int [ARCH_WINDOWS](#) = Constants.DEFAULT_ARCH_WINDOWS

Architecture of the Windows platform.

 - static int [ARCH_LINUX](#) = Constants.DEFAULT_ARCH_LINUX

Architecture of the Linux platform.

 - static int [TEX_ANDROID](#) = Constants.DEFAULT_TEX_ANDROID

Texture format of the Android platform.

 - static bool [BO_SHOW_BUILT_PLAYER](#) = Constants.DEFAULT_BO_SHOW_BUILT_PLAYER

Enable or disable 'BuildOptions.ShowBuiltPlayer'.

 - static bool [BO_DEVELOPMENT](#) = Constants.DEFAULT_BO_DEVELOPMENT

Enable or disable 'BuildOptions.Development'.

 - static bool [BO_PROFILER](#) = Constants.DEFAULT_BO_PROFILER

Enable or disable 'BuildOptions.ConnectWithProfiler'.

 - static bool [BO_SCRIPTDEBUG](#) = Constants.DEFAULT_BO_SCRIPTDEBUG

Enable or disable 'BuildOptions.AllowDebugging'.

 - static bool [SHOW_COLUMN_PLATFORM](#) = Constants.DEFAULT_SHOW_COLUMN_PLATFORM

Shows or hides the column for the platform.

 - static bool [SHOW_COLUMN_PLATFORM_LOGO](#) = Constants.DEFAULT_SHOW_COLUMN_PLATFORM_LOGO

Shows or hides the column for the platform.

- static bool [SHOW_COLUMN_ARCHITECTURE](#) = Constants.DEFAULT_SHOW_COLUMN_ARCHITECTURE
Shows or hides the column for the architecture.
- static bool [isLoading](#) = false
Is the configuration loaded?

Properties

- static string? [PATH_BUILD](#) [get, set]
- static string [ASSET_PATH](#) [get]
Returns the path to the asset inside the Unity project.

5.9.1 Detailed Description

Configuration for the asset.

5.9.2 Member Function Documentation

5.9.2.1 Load()

```
static void Crosstales.TPB.Util.Config.Load ( ) [static]
```

Loads the all changeable variables.

5.9.2.2 Reset()

```
static void Crosstales.TPB.Util.Config.Reset ( ) [static]
```

Resets all changeable variables to their default value.

5.9.2.3 Save()

```
static void Crosstales.TPB.Util.Config.Save ( ) [static]
```

Saves the all changeable variables.

5.9.3 Member Data Documentation

5.9.3.1 ADD_DATE_TO_PATH

```
bool Crosstales.TPB.Util.Config.ADD_DATE_TO_PATH = Constants.DEFAULT_ADD_DATE_TO_PATH [static]
```

Enable or disable adding the current date and time to the build path.

5.9.3.2 ADD_NAME_TO_PATH

```
bool Crosstales.TPB.Util.Config.ADD_NAME_TO_PATH = Constants.DEFAULT_ADD_NAME_TO_PATH [static]
```

Enable or disable adding the product name to the build path.

5.9.3.3 ARCH_LINUX

```
int Crosstales.TPB.Util.Config.ARCH_LINUX = Constants.DEFAULT_ARCH_LINUX [static]
```

Architecture of the Linux platform.

5.9.3.4 ARCH_WINDOWS

```
int Crosstales.TPB.Util.Config.ARCH_WINDOWS = Constants.DEFAULT_ARCH_WINDOWS [static]
```

Architecture of the Windows platform.

5.9.3.5 BO_DEVELOPMENT

```
bool Crosstales.TPB.Util.Config.BO_DEVELOPMENT = Constants.DEFAULT_BO_DEVELOPMENT [static]
```

Enable or disable 'BuildOptions.Development'.

5.9.3.6 BO_PROFILER

```
bool Crosstales.TPB.Util.Config.BO_PROFILER = Constants.DEFAULT_BO_PROFILER [static]
```

Enable or disable 'BuildOptions.ConnectWithProfiler'.

5.9.3.7 BO_SCRIPTDEBUG

```
bool Crosstales.TPB.Util.Config.BO_SCRIPTDEBUG = Constants.DEFAULT_BO_SCRIPTDEBUG [static]
```

Enable or disable 'BuildOptions.AllowDebugging'.

5.9.3.8 BO_SHOW_BUILT_PLAYER

```
bool Crosstales.TPB.Util.Config.BO_SHOW_BUILT_PLAYER = Constants.DEFAULT_BO_SHOW_BUILT_PLAYER  
[static]
```

Enable or disable 'BuildOptions.ShowBuiltPlayer'.

5.9.3.9 CONFIRM_BUILD

```
bool Crosstales.TPB.Util.Config.CONFIRM_BUILD = Constants.DEFAULT_CONFIRM_BUILD [static]
```

Enable or disable the build confirmation dialog.

5.9.3.10 CUSTOM_PATH_BUILD

```
bool Crosstales.TPB.Util.Config.CUSTOM_PATH_BUILD = Constants.DEFAULT_CUSTOM_PATH_BUILD [static]
```

Enable or disable custom location for the cache.

5.9.3.11 DEBUG

```
bool Crosstales.TPB.Util.Config.DEBUG = Constants.DEFAULT_DEBUG [static]
```

Enable or disable debug logging for the asset.

5.9.3.12 DELETE_LOCKFILE

```
bool Crosstales.TPB.Util.Config.DELETE_LOCKFILE = Constants.DEFAULT_DELETE_LOCKFILE [static]
```

Enable or disable deleting the 'UnityLockfile'.

5.9.3.13 EXECUTE_METHOD_POST_BUILD

```
string Crosstales.TPB.Util.Config.EXECUTE_METHOD_POST_BUILD = string.Empty [static]
```

Execute static method 'ClassName.MethodName>' in Unity after a build.

5.9.3.14 EXECUTE_METHOD_POST_BUILDING

```
string Crosstales.TPB.Util.Config.EXECUTE_METHOD_POST_BUILDING = string.Empty [static]
```

Execute static method 'ClassName.MethodName' in Unity after building.

5.9.3.15 EXECUTE_METHOD_PRE_BUILD

```
string Crosstales.TPB.Util.Config.EXECUTE_METHOD_PRE_BUILD = string.Empty [static]
```

Execute static method 'ClassName.MethodName' in Unity before a build.

5.9.3.16 EXECUTE_METHOD_PRE_BUILDING

```
string Crosstales.TPB.Util.Config.EXECUTE_METHOD_PRE_BUILDING = string.Empty [static]
```

Execute static method 'ClassName.MethodName' in Unity before building.

5.9.3.17 isLoaded

```
bool Crosstales.TPB.Util.Config.isLoaded = false [static]
```

Is the configuration loaded?

5.9.3.18 PLATFORM_3DS

```
bool Crosstales.TPB.Util.Config.PLATFORM_3DS [static]
```

Enable or disable the 3DS platform.

5.9.3.19 PLATFORM_ANDROID

```
bool Crosstales.TPB.Util.Config.PLATFORM_ANDROID [static]
```

Enable or disable the Android platform.

5.9.3.20 PLATFORM_IOS

```
bool Crosstales.TPB.Util.Config.PLATFORM_IOS [static]
```

Enable or disable the iOS platform.

5.9.3.21 PLATFORM_LINUX

```
bool Crosstales.TPB.Util.Config.PLATFORM_LINUX [static]
```

Enable or disable the Linux platform.

5.9.3.22 PLATFORM_MAC

```
bool Crosstales.TPB.Util.Config.PLATFORM_MAC [static]
```

Enable or disable the macOS platform.

5.9.3.23 PLATFORM_PS4

```
bool Crosstales.TPB.Util.Config.PLATFORM_PS4 [static]
```

Enable or disable the PS4 platform.

5.9.3.24 PLATFORM_PSP2

```
bool Crosstales.TPB.Util.Config.PLATFORM_PSP2 [static]
```

Enable or disable the PSP2 (Vita) platform.

5.9.3.25 PLATFORM_SWITCH

```
bool Crosstales.TPB.Util.Config.PLATFORM_SWITCH [static]
```

Enable or disable the Nintendo Switch platform.

5.9.3.26 PLATFORM_TVOS

```
bool Crosstales.TPB.Util.Config.PLATFORM_TVOS [static]
```

Enable or disable the tvOS platform.

5.9.3.27 PLATFORM_WEBGL

```
bool Crosstales.TPB.Util.Config.PLATFORM_WEBGL [static]
```

Enable or disable the WebGL platform.

5.9.3.28 PLATFORM_WIIU

```
bool Crosstales.TPB.Util.Config.PLATFORM_WIIU [static]
```

Enable or disable the WiiU platform.

5.9.3.29 PLATFORM_WINDOWS

```
bool Crosstales.TPB.Util.Config.PLATFORM_WINDOWS [static]
```

Enable or disable the Windows platform.

5.9.3.30 PLATFORM_WSA

```
bool Crosstales.TPB.Util.Config.PLATFORM_WSA [static]
```

Enable or disable the WSA platform.

5.9.3.31 PLATFORM_XBOXONE

```
bool Crosstales.TPB.Util.Config.PLATFORM_XBOXONE [static]
```

Enable or disable the XboxOne platform.

5.9.3.32 SHOW_COLUMN_ARCHITECTURE

```
bool Crosstales.TPB.Util.Config.SHOW_COLUMN_ARCHITECTURE = Constants.DEFAULT_SHOW_COLUMN_ARCHITECTURE [static]
```

Shows or hides the column for the architecture.

5.9.3.33 SHOW_COLUMN_PLATFORM

```
bool Crosstales.TPB.Util.Config.SHOW_COLUMN_PLATFORM = Constants.DEFAULT_SHOW_COLUMN_PLATFORM [static]
```

Shows or hides the column for the platform.

5.9.3.34 SHOW_COLUMN_PLATFORM_LOGO

```
bool Crosstales.TPB.Util.Config.SHOW_COLUMN_PLATFORM_LOGO = Constants.DEFAULT_SHOW_COLUMN_PLATFORM_LOGO [static]
```

Shows or hides the column for the platform.

5.9.3.35 TEX_ANDROID

```
int Crosstales.TPB.Util.Config.TEX_ANDROID = Constants.DEFAULT_TEX_ANDROID [static]
```

Texture format of the Android platform.

5.9.3.36 UPDATE_CHECK

```
bool Crosstales.TPB.Util.Config.UPDATE_CHECK = Constants.DEFAULT_UPDATE_CHECK [static]
```

Enable or disable update-checks for the asset.

5.9.3.37 VCS

```
int Crosstales.TPB.Util.Config.VCS = Constants.DEFAULT_VCS [static]
```

Selected VCS-system (default: 0, 0 = none, 1 = git, 2 = SVN, 3 Mercurial, 4 = Collab, 5 = PlasticSCM).

5.9.4 Property Documentation

5.9.4.1 ASSET_PATH

```
string Crosstales.TPB.Util.Config.ASSET_PATH [static], [get]
```

Returns the path to the asset inside the Unity project.

Returns

The path to the asset inside the Unity project.

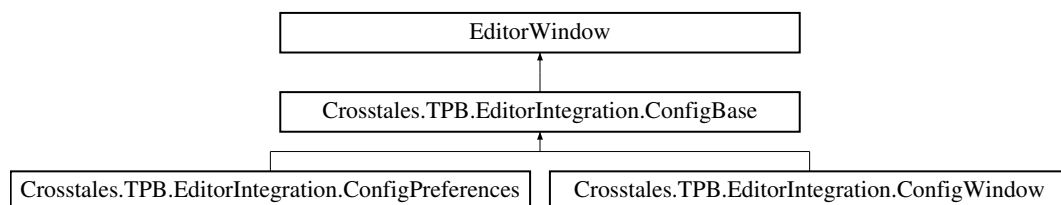
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↵ Util/Config.cs

5.10 Crosstales.TPB.EditorIntegration.ConfigBase Class Reference

Base class for editor windows.

Inheritance diagram for Crosstales.TPB.EditorIntegration.ConfigBase:



Protected Member Functions

- void **showBuild** ()
- void **showConfiguration** ()
- void **showHelp** ()
- void **showAbout** ()
- void **tpsBanner** ()

Static Protected Member Functions

- static void **init** ()
- static void **save** ()

5.10.1 Detailed Description

Base class for editor windows.

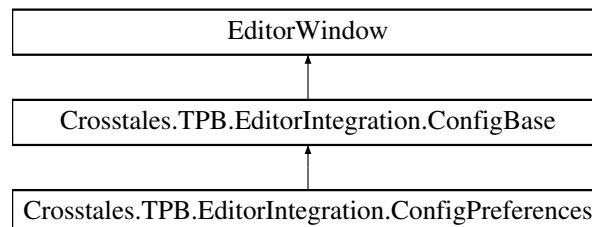
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↵ Integration/ConfigBase.cs

5.11 Crosstales.TPB.EditorIntegration.ConfigPreferences Class Reference

Unity "Preferences" extension.

Inheritance diagram for Crosstales.TPB.EditorIntegration.ConfigPreferences:



Additional Inherited Members

5.11.1 Detailed Description

Unity "Preferences" extension.

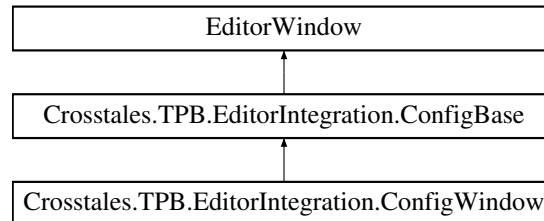
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↵ Integration/ConfigPreferences.cs

5.12 Crosstales.TPB.EditorIntegration.ConfigWindow Class Reference

Editor window extension.

Inheritance diagram for Crosstales.TPB.EditorIntegration.ConfigWindow:



Public Member Functions

- void **OnEnable** ()
- void **OnDestroy** ()
- void **OnLostFocus** ()
- void **OnGUI** ()
- void **OnInspectorUpdate** ()

Static Public Member Functions

- static void **ShowWindow** ()
- static void **ShowWindow** (int tab)

Additional Inherited Members

5.12.1 Detailed Description

Editor window extension.

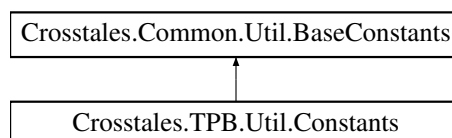
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↔ Integration/ConfigWindow.cs

5.13 Crosstales.TPB.Util.Constants Class Reference

Collected constants of very general utility for the asset.

Inheritance diagram for Crosstales.TPB.Util.Constants:



Static Public Attributes

- const string **ASSET_NAME** = "Turbo Builder PRO"
Name of the asset.
- const string **ASSET_NAME_SHORT** = "TPB PRO"
Short name of the asset.
- const string **ASSET_VERSION** = "2020.2.1"
Version of the asset.
- const int **ASSET_BUILD** = 20200415
Build number of the asset.
- static readonly System.DateTime **ASSET_CREATED** = new System.DateTime(2018, 3, 4)
Create date of the asset (YYYY, MM, DD).
- static readonly System.DateTime **ASSET_CHANGED** = new System.DateTime(2020, 4, 15)
Change date of the asset (YYYY, MM, DD).
- const string **ASSET_PRO_URL** = "https://www.assetstore.unity3d.com/#!/content/98714?aid=1011INGT"
URL of the PRO asset in UAS.
- const string **ASSET_UPDATE_CHECK_URL** = "https://www.crosstales.com/media/assets/tpb_versions.txt"
URL for update-checks of the asset
- const string **ASSET_CONTACT** = "tpb@crosstales.com"
Contact to the owner of the asset.
- const string **ASSET_MANUAL_URL** = "https://www.crosstales.com/media/data/assets/TurboBuilder/TurboBuilder-doc.pdf"
URL of the asset manual.
- const string **ASSET_API_URL** = "https://www.crosstales.com/media/data/assets/TurboBuilder/api/"
URL of the asset API.
- const string **ASSET_FORUM_URL** = "https://forum.unity.com/threads/turbo-builder-fast-build-solution.644425/"
URL of the asset forum.
- const string **ASSET_3P_ROCKTOMATE** = "https://assetstore.unity.com/packages/slug/156311?aid=1011INGT"
URL of the asset in crosstales.
- const string **ASSET_WEB_URL** = "https://www.crosstales.com/en/portfolio/TurboBuilder/"
URL of the asset in crosstales.
- const string **KEY_VCS** = "CT_CFG_VCS"
- const string **KEY_CUSTOM_PATH_BUILD** = KEY_PREFIX + "CUSTOM_PATH_BUILD"
- const string **KEY_PATH_BUILD** = KEY_PREFIX + "PATH_BUILD"
- const string **KEY_ADD_NAME_TO_PATH** = KEY_PREFIX + "ADD_NAME_TO_PATH"
- const string **KEY_ADD_DATE_TO_PATH** = KEY_PREFIX + "ADD_DATE_TO_PATH"
- const string **KEY_EXECUTE_METHOD_PRE_BUILDING** = KEY_PREFIX + "EXECUTE_METHOD_PRE_BUILDING"
- const string **KEY_EXECUTE_METHOD_POST_BUILDING** = KEY_PREFIX + "EXECUTE_METHOD_POST_BUILDING"
- const string **KEY_EXECUTE_METHOD_PRE_BUILD** = KEY_PREFIX + "EXECUTE_METHOD_PRE_BUILD"
- const string **KEY_EXECUTE_METHOD_POST_BUILD** = KEY_PREFIX + "EXECUTE_METHOD_POST_BUILD"
- const string **KEY_DELETE_LOCKFILE** = KEY_PREFIX + "DELETE_LOCKFILE"
- const string **KEY_CONFIRM_BUILD** = KEY_PREFIX + "CONFIRM_BUILD"
- const string **KEY_DEBUG** = KEY_PREFIX + "DEBUG"
- const string **KEY_UPDATE_CHECK** = KEY_PREFIX + "UPDATE_CHECK"
- const string **KEY_TARGETS** = KEY_PREFIX + "TARGETS"
- const string **KEY_BATCHMODE** = KEY_PREFIX + "BATCHMODE"
- const string **KEY_PLATFORM_WINDOWS** = KEY_PREFIX + "PLATFORM_WINDOWS"

- const string **KEY_PLATFORM_MAC** = KEY_PREFIX + "PLATFORM_MAC"
- const string **KEY_PLATFORM_LINUX** = KEY_PREFIX + "PLATFORM_LINUX"
- const string **KEY_PLATFORM_ANDROID** = KEY_PREFIX + "PLATFORM_ANDROID"
- const string **KEY_PLATFORM_IOS** = KEY_PREFIX + "PLATFORM_IOS"
- const string **KEY_PLATFORM_WSA** = KEY_PREFIX + "PLATFORM_WSA"
- const string **KEY_PLATFORM_WEBGL** = KEY_PREFIX + "PLATFORM_WEBGL"
- const string **KEY_PLATFORM_TVOS** = KEY_PREFIX + "PLATFORM_TVOS"
- const string **KEY_PLATFORM_PS4** = KEY_PREFIX + "PLATFORM_PS4"
- const string **KEY_PLATFORM_XBOXONE** = KEY_PREFIX + "PLATFORM_XBOXONE"
- const string **KEY_PLATFORM_SWITCH** = KEY_PREFIX + "PLATFORM_SWITCH"
- const string **KEY_PLATFORM_WIIU** = KEY_PREFIX + "PLATFORM_WIIU"
- const string **KEY_PLATFORM_3DS** = KEY_PREFIX + "PLATFORM_3DS"
- const string **KEY_PLATFORM_PSP2** = KEY_PREFIX + "PLATFORM_PSP2"
- const string **KEY_ARCH_WINDOWS** = KEY_PREFIX + "ARCH_WINDOWS"
- const string **KEY_ARCH_LINUX** = KEY_PREFIX + "ARCH_LINUX"
- const string **KEY_TEX_ANDROID** = KEY_PREFIX + "TEX_ANDROID"
- const string **KEY_BO_SHOW_BUILT_PLAYER** = KEY_PREFIX + "BO_SHOW_BUILT_PLAYER"
- const string **KEY_BO_DEVELOPMENT** = KEY_PREFIX + "BO_DEVELOPMENT"
- const string **KEY_BO_PROFILER** = KEY_PREFIX + "BO_PROFILER"
- const string **KEY_BO_SCRIPTDEBUG** = KEY_PREFIX + "BO_SCRIPTDEBUG"
- const string **KEY_SHOW_COLUMN_PLATFORM** = KEY_PREFIX + "SHOW_COLUMN_PLATFORM"
- const string **KEY_SHOW_COLUMN_ARCHITECTURE** = KEY_PREFIX + "SHOW_COLUMN_ARCHITECTURE"
- const string **KEY_UPDATE_DATE** = KEY_PREFIX + "UPDATE_DATE"
- const string **KEY_LAUNCH** = KEY_PREFIX + "LAUNCH"
- const string **BUILD_DIRNAME** = "Builds"
- static readonly string **PATH** = [Helper.ValidatePath](#)(Application.dataPath.Substring(0, Application.dataPath.LastIndexOf("/") + 1))
Application path.
- const string **DEFAULT_ASSET_PATH** = "/Plugins/crosstales/TurboBuilder/"
- static readonly string **DEFAULT_PATH_CACHE** = [Helper.ValidatePath](#)(**PATH** + **BUILD_DIRNAME**)
- const bool **DEFAULT_CUSTOM_PATH_BUILD** = false
- const int **DEFAULT_VCS** = 1
- const bool **DEFAULT_ADD_NAME_TO_PATH** = false
- const bool **DEFAULT_ADD_DATE_TO_PATH** = false
- const bool **DEFAULT_DELETE_LOCKFILE** = true
- const bool **DEFAULT_CONFIRM_BUILD** = true
- const bool **DEFAULT_UPDATE_CHECK** = false
- const int **DEFAULT_ARCH_WINDOWS** = 1
- const int **DEFAULT_ARCH_LINUX** = 1
- const int **DEFAULT_TEX_ANDROID** = 0
- const bool **DEFAULT_BO_SHOW_BUILT_PLAYER** = false
- const bool **DEFAULT_BO_DEVELOPMENT** = false
- const bool **DEFAULT_BO_PROFILER** = false
- const bool **DEFAULT_BO_SCRIPTDEBUG** = false
- const bool **DEFAULT_SHOW_COLUMN_PLATFORM** = true
- const bool **DEFAULT_SHOW_COLUMN_PLATFORM_LOGO** = false
- const bool **DEFAULT_SHOW_COLUMN_ARCHITECTURE** = true
- const string **TEXT_NO_BUILDS** = "no builds"

Properties

- static string [ASSET_URL](#) [get]
Returns the URL of the asset in UAS.
- static string [ASSET_ID](#) [get]
Returns the ID of the asset in UAS.
- static System.Guid [ASSET_UID](#) [get]
Returns the UID of the asset.

5.13.1 Detailed Description

Collected constants of very general utility for the asset.

5.13.2 Member Data Documentation

5.13.2.1 ASSET_3P_ROCKTOMATE

```
const string Crosstales.TPB.Util.Constants.ASSET_3P_ROCKTOMATE = "https://assetstore.unity.↵  
com/packages/slug/156311?aid=10111NGT" [static]
```

URL of the asset in crosstales.

5.13.2.2 ASSET_API_URL

```
const string Crosstales.TPB.Util.Constants.ASSET_API_URL = "https://www.crosstales.com/media/data/assets/Turbo↵  
Builder/api/" [static]
```

URL of the asset API.

5.13.2.3 ASSET_BUILD

```
const int Crosstales.TPB.Util.Constants.ASSET_BUILD = 20200415 [static]
```

Build number of the asset.

5.13.2.4 ASSET_CHANGED

```
readonly System.DateTime Crosstales.TPB.Util.Constants.ASSET_CHANGED = new System.DateTime(2020, 4, 15) [static]
```

Change date of the asset (YYYY, MM, DD).

5.13.2.5 ASSET_CONTACT

```
const string Crosstales.TPB.Util.Constants.ASSET_CONTACT = "tpb@crosstales.com" [static]
```

Contact to the owner of the asset.

5.13.2.6 ASSET_CREATED

```
readonly System.DateTime Crosstales.TPB.Util.Constants.ASSET_CREATED = new System.DateTime(2018, 3, 4) [static]
```

Create date of the asset (YYYY, MM, DD).

5.13.2.7 ASSET_FORUM_URL

```
const string Crosstales.TPB.Util.Constants.ASSET_FORUM_URL = "https://forum.unity.com/threads/turbo-builder-fa644425/" [static]
```

URL of the asset forum.

5.13.2.8 ASSET_MANUAL_URL

```
const string Crosstales.TPB.Util.Constants.ASSET_MANUAL_URL = "https://www.crosstales.com/media/data/assets/TurboBuilder/TurboBuilder-doc.pdf" [static]
```

URL of the asset manual.

5.13.2.9 ASSET_NAME

```
const string Crosstales.TPB.Util.Constants.ASSET_NAME = "Turbo Builder PRO" [static]
```

Name of the asset.

5.13.2.10 ASSET_NAME_SHORT

```
const string Crosstales.TPB.Util.Constants.ASSET_NAME_SHORT = "TPB PRO" [static]
```

Short name of the asset.

5.13.2.11 ASSET_PRO_URL

```
const string Crosstales.TPB.Util.Constants.ASSET_PRO_URL = "https://www.assetstore.unity3d.com/#!/content/98714?aid=10111NGT" [static]
```

URL of the PRO asset in UAS.

5.13.2.12 ASSET_UPDATE_CHECK_URL

```
const string Crosstales.TPB.Util.Constants.ASSET_UPDATE_CHECK_URL = "https://www.crosstales.com/media/assets/tpb_versions.txt" [static]
```

URL for update-checks of the asset

5.13.2.13 ASSET_VERSION

```
const string Crosstales.TPB.Util.Constants.ASSET_VERSION = "2020.2.1" [static]
```

Version of the asset.

5.13.2.14 ASSET_WEB_URL

```
const string Crosstales.TPB.Util.Constants.ASSET_WEB_URL = "https://www.crosstales.com/en/portfolio/TurboBuilder/" [static]
```

URL of the asset in crosstales.

5.13.2.15 PATH

```
readonly string Crosstales.TPB.Util.Constants.PATH = Helper.ValidatePath(Application.dataPath.Substring(0, Application.dataPath.LastIndexOf('/') + 1)) [static]
```

Application path.

5.13.3 Property Documentation

5.13.3.1 ASSET_ID

```
string Crosstales.TPB.Util.Constants.ASSET_ID [static], [get]
```

Returns the ID of the asset in UAS.

Returns

The ID of the asset in UAS.

5.13.3.2 ASSET_UID

```
System.Guid Crosstales.TPB.Util.Constants.ASSET_UID [static], [get]
```

Returns the UID of the asset.

Returns

The UID of the asset.

5.13.3.3 ASSET_URL

```
string Crosstales.TPB.Util.Constants.ASSET_URL [static], [get]
```

Returns the URL of the asset in UAS.

Returns

The URL of the asset in UAS.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↵ Util/Constants.cs

5.14 Crosstales.TPB.Util.CTLogger Class Reference

Logger for the asset.

Static Public Member Functions

- static void **Log** (string log)
- static void **BeforeBuild** ()
- static void **AfterBuild** ()
- static void **BeforeBuilding** ()
- static void **AfterBuilding** ()

5.14.1 Detailed Description

Logger for the asset.

The documentation for this class was generated from the following file:

- D:/slauberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↔ Util/CTLogger.cs

5.15 Crosstales.Common.Util.CTPlayerPrefs Class Reference

Wrapper for the PlayerPrefs.

Static Public Member Functions

- static bool **HasKey** (string key)
Exists the key?
- static void **DeleteAll** ()
Deletes all keys.
- static void **DeleteKey** (string key)
Delete the key.
- static void **Save** ()
Saves all modifications.
- static string **GetString** (string key)
Allows to get a string from a key.
- static float **GetFloat** (string key)
Allows to get a float from a key.
- static int **GetInt** (string key)
Allows to get an int from a key.
- static bool **GetBool** (string key)
Allows to get a bool from a key.
- static System.DateTime **GetDate** (string key)
Allows to get a DateTime from a key.
- static void **SetString** (string key, string value)
Allows to set a string for a key.
- static void **SetFloat** (string key, float value)
Allows to set a float for a key.
- static void **SetInt** (string key, int value)
Allows to set an int for a key.
- static void **SetBool** (string key, bool value)
Allows to set a bool for a key.
- static void **SetDate** (string key, System.DateTime value)
Allows to set a DateTime for a key.

5.15.1 Detailed Description

Wrapper for the PlayerPrefs.

5.15.2 Member Function Documentation

5.15.2.1 DeleteAll()

```
static void Crosstales.Common.Util.CTPlayerPrefs.DeleteAll ( ) [static]
```

Deletes all keys.

5.15.2.2 DeleteKey()

```
static void Crosstales.Common.Util.CTPlayerPrefs.DeleteKey (
    string key ) [static]
```

Delete the key.

Parameters

<i>key</i>	Key to delete in the PlayerPrefs.
------------	-----------------------------------

5.15.2.3 GetBool()

```
static bool Crosstales.Common.Util.CTPlayerPrefs.GetBool (
    string key ) [static]
```

Allows to get a bool from a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
------------	--------------------------

Returns

Value for the key.

5.15.2.4 GetDate()

```
static System.DateTime Crosstales.Common.Util.CTPlayerPrefs.GetDate (
    string key ) [static]
```

Allows to get a DateTime from a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
------------	--------------------------

Returns

Value for the key.

5.15.2.5 GetFloat()

```
static float Crosstales.Common.Util.CTPlayerPrefs.GetFloat (
    string key ) [static]
```

Allows to get a float from a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
------------	--------------------------

Returns

Value for the key.

5.15.2.6 GetInt()

```
static int Crosstales.Common.Util.CTPlayerPrefs.GetInt (
    string key ) [static]
```

Allows to get an int from a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
------------	--------------------------

Returns

Value for the key.

5.15.2.7 GetString()

```
static string Crosstales.Common.Util.CTPlayerPrefs.GetString (
    string key ) [static]
```

Allows to get a string from a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
------------	--------------------------

Returns

Value for the key.

5.15.2.8 HasKey()

```
static bool Crosstales.Common.Util.CTPlayerPrefs.HasKey (
    string key ) [static]
```

Exists the key?

Parameters

<i>key</i>	Key for the PlayerPrefs.
------------	--------------------------

Returns

Value for the key.

5.15.2.9 Save()

```
static void Crosstales.Common.Util.CTPlayerPrefs.Save ( ) [static]
```

Saves all modifications.

5.15.2.10 SetBool()

```
static void Crosstales.Common.Util.CTPlayerPrefs.SetBool (
    string key,
    bool value ) [static]
```

Allows to set a bool for a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
<i>value</i>	Value for the PlayerPrefs.

5.15.2.11 SetDate()

```
static void Crosstales.Common.Util.CTPlayerPrefs.SetDate (
    string key,
    System.DateTime value ) [static]
```

Allows to set a DateTime for a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
<i>value</i>	Value for the PlayerPrefs.

5.15.2.12 SetFloat()

```
static void Crosstales.Common.Util.CTPlayerPrefs.SetFloat (
    string key,
    float value ) [static]
```

Allows to set a float for a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
<i>value</i>	Value for the PlayerPrefs.

5.15.2.13 SetInt()

```
static void Crosstales.Common.Util.CTPlayerPrefs.SetInt (
    string key,
    int value ) [static]
```

Allows to set an int for a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
<i>value</i>	Value for the PlayerPrefs.

5.15.2.14 SetString()

```
static void Crosstales.Common.Util.CTPlayerPrefs.SetString (
    string key,
    string value ) [static]
```

Allows to set a string for a key.

Parameters

<i>key</i>	Key for the PlayerPrefs.
<i>value</i>	Value for the PlayerPrefs.

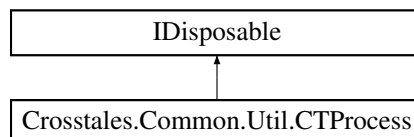
The documentation for this class was generated from the following file:

- D:/slauberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/CT↔PlayerPrefs.cs

5.16 Crosstales.Common.Util.CTProcess Class Reference

Native process class for standalone IL2CPP-builds (mimicking the missing "System.Diagnostics.Process"-class with the most important properties, methods and events).

Inheritance diagram for Crosstales.Common.Util.CTProcess:



Public Member Functions

- void **Start** ()
Starts (or reuses) the process resource that is specified by the StartInfo property of this Process component and associates it with the component.
- void **Start** (CTProcessStartInfo info)
Starts the process resource that is specified by the parameter containing process start information (for example, the file name of the process to start) and associates the resource with a new Process component..
- void **Kill** ()
Immediately stops the associated process.
- void **WaitForExit** (int milliseconds=0)
- void **BeginOutputReadLine** ()
- void **BeginErrorReadLine** ()
- void **Dispose** ()
- void **Start** ()

Starts (or reuses) the process resource that is specified by the StartInfo property of this Process component and associates it with the component.

- void **Start** (CTProcessStartInfo info)

Starts the process resource that is specified by the parameter containing process start information (for example, the file name of the process to start) and associates the resource with a new Process component..

- void **Kill** ()

Immediately stops the associated process.

- void **WaitForExit** (int milliseconds=0)
- void **BeginOutputReadLine** ()
- void **BeginErrorReadLine** ()
- void **Dispose** ()

Properties

- IntPtr **Handle** [get]

Gets the native handle of the associated process.

- int **Id** [get]

Gets the unique identifier for the associated process.

- CTProcessStartInfo **StartInfo** [get, set]

*Gets or sets the properties to pass to the **Start()** method of the Process.*

- bool **HasExited** [get]

Gets a value indicating whether the associated process has been terminated.

- uint **ExitCode** [get]

Gets the value that the associated process specified when it terminated.

- DateTime **StartTime** [get]

Gets the time that the associated process was started.

- DateTime **ExitTime** [get]

Gets the time that the associated process exited.

- System.IO.StreamReader **StandardOutput** [get]

Gets a stream used to read the textual output of the application.

- System.IO.StreamReader **StandardError** [get]

Gets a stream used to read the error output of the application.

- bool **isBusy** [get]

Gets a value indicating whether the associated process has been busy.

- EventHandler **Exited**
- System.Diagnostics.DataReceivedEventHandler **OutputDataReceived**
- System.Diagnostics.DataReceivedEventHandler **ErrorDataReceived**

5.16.1 Detailed Description

Native process class for standalone IL2CPP-builds (mimicking the missing "System.Diagnostics.Process"-class with the most important properties, methods and events).

5.16.2 Member Function Documentation

5.16.2.1 Kill() [1/2]

```
void Crosstales.Common.Util.CTProcess.Kill ( )
```

Immediately stops the associated process.

5.16.2.2 Kill() [2/2]

```
void Crosstales.Common.Util.CTProcess.Kill ( )
```

Immediately stops the associated process.

5.16.2.3 Start() [1/4]

```
void Crosstales.Common.Util.CTProcess.Start ( )
```

Starts (or reuses) the process resource that is specified by the StartInfo property of this Process component and associates it with the component.

5.16.2.4 Start() [2/4]

```
void Crosstales.Common.Util.CTProcess.Start ( )
```

Starts (or reuses) the process resource that is specified by the StartInfo property of this Process component and associates it with the component.

5.16.2.5 Start() [3/4]

```
void Crosstales.Common.Util.CTProcess.Start (
    CTProcessStartInfo info )
```

Starts the process resource that is specified by the parameter containing process start information (for example, the file name of the process to start) and associates the resource with a new Process component..

5.16.2.6 Start() [4/4]

```
void Crosstales.Common.Util.CTProcess.Start (
    CTProcessStartInfo info )
```

Starts the process resource that is specified by the parameter containing process start information (for example, the file name of the process to start) and associates the resource with a new Process component..

5.16.3 Property Documentation

5.16.3.1 ExitCode

```
uint Crosstales.Common.Util.CTProcess.ExitCode [get]
```

Gets the value that the associated process specified when it terminated.

5.16.3.2 ExitTime

```
DateTime Crosstales.Common.Util.CTProcess.ExitTime [get]
```

Gets the time that the associated process exited.

5.16.3.3 Handle

```
IntPtr Crosstales.Common.Util.CTProcess.Handle [get]
```

Gets the native handle of the associated process.

5.16.3.4 HasExited

```
bool Crosstales.Common.Util.CTProcess.HasExited [get]
```

Gets a value indicating whether the associated process has been terminated.

5.16.3.5 Id

```
int Crosstales.Common.Util.CTProcess.Id [get]
```

Gets the unique identifier for the associated process.

5.16.3.6 isBusy

```
bool Crosstales.Common.Util.CTProcess.isBusy [get]
```

Gets a value indicating whether the associated process has been busy.

5.16.3.7 StandardError

```
System.IO.StreamReader Crosstales.Common.Util.CTProcess.StandardError [get]
```

Gets a stream used to read the error output of the application.

5.16.3.8 StandardOutput

```
System.IO.StreamReader Crosstales.Common.Util.CTProcess.StandardOutput [get]
```

Gets a stream used to read the textual output of the application.

5.16.3.9 StartInfo

```
CTProcessStartInfo Crosstales.Common.Util.CTProcess.StartInfo [get], [set]
```

Gets or sets the properties to pass to the [Start\(\)](#) method of the Process.

5.16.3.10 StartTime

```
DateTime Crosstales.Common.Util.CTProcess.StartTime [get]
```

Gets the time that the associated process was started.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/CT↵
Process.cs

5.17 Crosstales.Common.Util.CTProcessStartInfo Class Reference

Specifies a set of values that are used when you start a process (mimicking the "System.Diagnostics.Process↵
StartInfo"-class with the most important properties).

Properties

- bool [UseThread](#) [get, set]
Gets or sets the application to be threaded.
- bool [UseCmdExecute](#) [get, set]
Gets or sets the application to be started in cmd (command prompt).
- string [FileName](#) [get, set]
Gets or sets the application or document to start.
- string [Arguments](#) [get, set]
Gets or sets the set of command-line arguments to use when starting the application.
- bool [CreateNoWindow](#) [get, set]
Gets or sets a value indicating whether to start the process in a new window.
- string [WorkingDirectory](#) [get, set]
Gets or sets the working directory for the process to be started.
- bool [RedirectStandardOutput](#) [get, set]
Gets or sets a value that indicates whether the textual output of an application is written to the StandardOutput stream.
- bool [RedirectStandardError](#) [get, set]
Gets or sets a value that indicates whether the error output of an application is written to the StandardError stream.
- System.Text.Encoding [StandardOutputEncoding](#) [get, set]
Gets or sets the preferred encoding for standard output (UTF8 per default).
- System.Text.Encoding [StandardErrorEncoding](#) [get, set]
Gets or sets the preferred encoding for error output (UTF8 per default).
- bool [UseShellExecute](#) [get, set]
Gets or sets a value indicating whether to use the operating system shell to start the process (ignored, always false).

5.17.1 Detailed Description

Specifies a set of values that are used when you start a process (mimicking the "System.Diagnostics.ProcessStartInfo"-class with the most important properties).

5.17.2 Property Documentation

5.17.2.1 Arguments

```
string Crosstales.Common.Util.CTProcessStartInfo.Arguments [get], [set]
```

Gets or sets the set of command-line arguments to use when starting the application.

5.17.2.2 CreateNoWindow

```
bool Crosstales.Common.Util.CTProcessStartInfo.CreateNoWindow [get], [set]
```

Gets or sets a value indicating whether to start the process in a new window.

5.17.2.3 FileName

```
string Crosstales.Common.Util.CTProcessStartInfo.FileName [get], [set]
```

Gets or sets the application or document to start.

5.17.2.4 RedirectStandardError

```
bool Crosstales.Common.Util.CTProcessStartInfo.RedirectStandardError [get], [set]
```

Gets or sets a value that indicates whether the error output of an application is written to the StandardError stream.

5.17.2.5 RedirectStandardOutput

```
bool Crosstales.Common.Util.CTProcessStartInfo.RedirectStandardOutput [get], [set]
```

Gets or sets a value that indicates whether the textual output of an application is written to the StandardOutput stream.

5.17.2.6 StandardErrorEncoding

```
System.Text.Encoding Crosstales.Common.Util.CTProcessStartInfo.StandardErrorEncoding [get],  
[set]
```

Gets or sets the preferred encoding for error output (UTF8 per default).

5.17.2.7 StandardOutputEncoding

```
System.Text.Encoding Crosstales.Common.Util.CTProcessStartInfo.StandardOutputEncoding [get],  
[set]
```

Gets or sets the preferred encoding for standard output (UTF8 per default).

5.17.2.8 UseCmdExecute

```
bool Crosstales.Common.Util.CTProcessStartInfo.UseCmdExecute [get], [set]
```

Gets or sets the application to be started in cmd (command prompt).

5.17.2.9 UseShellExecute

```
bool Crosstales.Common.Util.CTProcessStartInfo.UseShellExecute [get], [set]
```

Gets or sets a value indicating whether to use the operating system shell to start the process (ignored, always false).

5.17.2.10 UseThread

```
bool Crosstales.Common.Util.CTProcessStartInfo.UseThread [get], [set]
```

Gets or sets the application to be threaded.

5.17.2.11 WorkingDirectory

```
string Crosstales.Common.Util.CTProcessStartInfo.WorkingDirectory [get], [set]
```

Gets or sets the working directory for the process to be started.

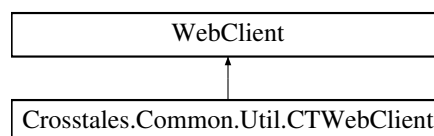
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/CT↔
Process.cs

5.18 Crosstales.Common.Util.CTWebClient Class Reference

Specialized WebClient.

Inheritance diagram for Crosstales.Common.Util.CTWebClient:



Public Member Functions

- **CTWebClient** (int timeout, int connectionLimit=20)
- System.Net.WebRequest **CTGetWebRequest** (string uri)

Protected Member Functions

- override System.Net.WebRequest **GetWebRequest** (System.Uri uri)

Properties

- int [Timeout](#) [get, set]
Timeout in milliseconds
- int [ConnectionLimit](#) [get, set]
Connection limit for all WebClients

5.18.1 Detailed Description

Specialized WebClient.

5.18.2 Property Documentation

5.18.2.1 ConnectionLimit

```
int Crosstales.Common.Util.CTWebClient.ConnectionLimit [get], [set]
```

Connection limit for all WebClients

5.18.2.2 Timeout

```
int Crosstales.Common.Util.CTWebClient.Timeout [get], [set]
```

Timeout in milliseconds

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/CT↔
WebClient.cs

5.19 Crosstales.ExtensionMethods Class Reference

Various extension methods.

Static Public Member Functions

- static string [CTToTitleCase](#) (this string str)
Extension method for strings. Converts a string to title case (first letter uppercase).
- static string [CTReverse](#) (this string str)
Extension method for strings. Reverses a string.
- static string [CTReplace](#) (this string str, string oldString, string newString, System.StringComparison comp=System.StringComparison.OrdinalIgnoreCase)
Extension method for strings. Case insensitive 'Replace'.
- static bool [CTEquals](#) (this string str, string toCheck, System.StringComparison comp=System.StringComparison.OrdinalIgnoreCase)
Extension method for strings. Case insensitive 'Equals'.
- static bool [CTContains](#) (this string str, string toCheck, System.StringComparison comp=System.StringComparison.OrdinalIgnoreCase)
Extension method for strings. Case insensitive 'Contains'.
- static bool [CTContainsAny](#) (this string str, string searchTerms, char splitChar=' ')
Extension method for strings. Contains any given string.
- static bool [CTContainsAll](#) (this string str, string searchTerms, char splitChar=' ')
Extension method for strings. Contains all given strings.
- static bool [CTIsNumeric](#) (this string str)
Extension method for strings. Checks if the string is numeric.
- static void [CTShuffle< T >](#) (this T[] array, int seed=0)
Extension method for Arrays. Shuffles an Array.
- static string [CTDump< T >](#) (this T[] array, string prefix="", string postfix="")
Extension method for Arrays. Dumps an array to a string.
- static string [CTDump](#) (this Quaternion[] array)
Extension method for Quaternion-Arrays. Dumps an array to a string.
- static string [CTDump](#) (this Vector2[] array)
Extension method for Vector2-Arrays. Dumps an array to a string.
- static string [CTDump](#) (this Vector3[] array)
Extension method for Vector3-Arrays. Dumps an array to a string.
- static string [CTDump](#) (this Vector4[] array)
Extension method for Vector4-Arrays. Dumps an array to a string.
- static string[] [CTToString< T >](#) (this T[] array)
Extension method for Arrays. Generates a string array with all entries (via ToString).
- static void [CTShuffle< T >](#) (this System.Collections.Generic.ICollection< T > list, int seed=0)
Extension method for IList. Shuffles a List.
- static string [CTDump< T >](#) (this System.Collections.Generic.ICollection< T > list, string prefix="", string postfix="")
Extension method for IList. Dumps a list to a string.
- static string [CTDump](#) (this System.Collections.Generic.ICollection< Quaternion > list)
Extension method for Quaternion-IList. Dumps a list to a string.
- static string [CTDump](#) (this System.Collections.Generic.ICollection< Vector2 > list)
Extension method for Vector2-IList. Dumps a list to a string.
- static string [CTDump](#) (this System.Collections.Generic.ICollection< Vector3 > list)
Extension method for Vector3-IList. Dumps a list to a string.
- static string [CTDump](#) (this System.Collections.Generic.ICollection< Vector4 > list)
Extension method for Vector4-IList. Dumps a list to a string.
- static System.Collections.Generic.List< string > [CTToString< T >](#) (this System.Collections.Generic.ICollection< T > list)
Extension method for IList. Generates a string list with all entries (via ToString).
- static string [CTDump< K, V >](#) (this System.Collections.Generic.IDictionary< K, V > dict, string prefix="", string postfix="")

Extension method for IDictionary. Dumps a dictionary to a string.

- static void [CTAddRange< K, V >](#) (this System.Collections.Generic.IDictionary< K, V > source, System.Collections.Generic.IDictionary< K, V > collection)

Extension method for IDictionary. Adds a dictionary to an existing one.

- static bool [CTIsVisibleFrom](#) (this Renderer renderer, Camera camera)

Extension method for Renderer. Determines if the renderer is visible from a certain camera.

- static Transform [CTDeepSearch](#) (Transform parent, string name)

Extension method for Transform. Recursively searches all children of a parent transform for specific named transform

5.19.1 Detailed Description

Various extension methods.

5.19.2 Member Function Documentation

5.19.2.1 CTAddRange< K, V >()

```
static void Crosstales.ExtensionMethods.CTAddRange< K, V > (  
    this System.Collections.Generic.IDictionary< K, V > source,  
    System.Collections.Generic.IDictionary< K, V > collection ) [static]
```

Extension method for IDictionary. Adds a dictionary to an existing one.

Parameters

<i>source</i>	IDictionary-instance.
<i>collection</i>	Dictionary to add.

5.19.2.2 CTContains()

```
static bool Crosstales.ExtensionMethods.CTContains (  
    this string str,  
    string toCheck,  
    System.StringComparison comp = System.StringComparison.OrdinalIgnoreCase ) [static]
```

Extension method for strings. Case insensitive 'Contains'.

Parameters

<i>str</i>	String-instance.
<i>toCheck</i>	String to check.
<i>comp</i>	StringComparison-method (default: StringComparison.OrdinalIgnoreCase, optional)

Returns

True if the string contains the given string.

5.19.2.3 CTContainsAll()

```
static bool Crosstales.ExtensionMethods.CTContainsAll (
    this string str,
    string searchTerms,
    char splitChar = ' ' ) [static]
```

Extension method for strings. Contains all given strings.

Parameters

<i>str</i>	String-instance.
<i>searchTerms</i>	Search terms separated by the given split-character.
<i>splitChar</i>	Split-character (default: ' ', optional)

Returns

True if the string contains all parts of the given string.

5.19.2.4 CTContainsAny()

```
static bool Crosstales.ExtensionMethods.CTContainsAny (
    this string str,
    string searchTerms,
    char splitChar = ' ' ) [static]
```

Extension method for strings. Contains any given string.

Parameters

<i>str</i>	String-instance.
<i>searchTerms</i>	Search terms separated by the given split-character.
<i>splitChar</i>	Split-character (default: ' ', optional)

Returns

True if the string contains any parts of the given string.

5.19.2.5 CTDeepSearch()

```
static Transform Crosstales.ExtensionMethods.CTDeepSearch (
    Transform parent,
    string name ) [static]
```

Extension method for Transform. Recursively searches all children of a parent transform for specific named transform

Parameters

<i>parent</i>	Parent of the current children.
<i>name</i>	Name of the transform.

Returns

True if the renderer is visible by the given camera.

5.19.2.6 CTDump() [1/8]

```
static string Crosstales.ExtensionMethods.CTDump (
    this Quaternion[] array ) [static]
```

Extension method for Quaternion-Arrays. Dumps an array to a string.

Parameters

<i>array</i>	Quaternion-Array-instance to dump.
--------------	------------------------------------

Returns

String with lines for all array entries.

5.19.2.7 CTDump() [2/8]

```
static string Crosstales.ExtensionMethods.CTDump (
    this System.Collections.Generic.IList< Quaternion > list ) [static]
```

Extension method for Quaternion-IList. Dumps a list to a string.

Parameters

<i>list</i>	Quaternion-IList-instance to dump.
-------------	------------------------------------

Returns

String with lines for all list entries.

5.19.2.8 CTDump() [3/8]

```
static string Crosstales.ExtensionMethods.CTDump (  
    this System.Collections.Generic.IList< Vector2 > list ) [static]
```

Extension method for Vector2-IList. Dumps a list to a string.

Parameters

<i>list</i>	Vector2-IList-instance to dump.
-------------	---------------------------------

Returns

String with lines for all list entries.

5.19.2.9 CTDump() [4/8]

```
static string Crosstales.ExtensionMethods.CTDump (  
    this System.Collections.Generic.IList< Vector3 > list ) [static]
```

Extension method for Vector3-IList. Dumps a list to a string.

Parameters

<i>list</i>	Vector3-IList-instance to dump.
-------------	---------------------------------

Returns

String with lines for all list entries.

5.19.2.10 CTDump() [5/8]

```
static string Crosstales.ExtensionMethods.CTDump (  
    this System.Collections.Generic.IList< Vector4 > list ) [static]
```

Extension method for Vector4-IList. Dumps a list to a string.

Parameters

<i>list</i>	Vector4-IList-instance to dump.
-------------	---------------------------------

Returns

String with lines for all list entries.

5.19.2.11 CTDump() [6/8]

```
static string Crosstales.ExtensionMethods.CTDump (  
    this Vector2[] array ) [static]
```

Extension method for Vector2-Arrays. Dumps an array to a string.

Parameters

<i>array</i>	Vector2-Array-instance to dump.
--------------	---------------------------------

Returns

String with lines for all array entries.

5.19.2.12 CTDump() [7/8]

```
static string Crosstales.ExtensionMethods.CTDump (  
    this Vector3[] array ) [static]
```

Extension method for Vector3-Arrays. Dumps an array to a string.

Parameters

<i>array</i>	Vector3-Array-instance to dump.
--------------	---------------------------------

Returns

String with lines for all array entries.

5.19.2.13 CTDump() [8/8]

```
static string Crosstales.ExtensionMethods.CTDump (  
    this Vector4[] array ) [static]
```

Extension method for Vector4-Arrays. Dumps an array to a string.

Parameters

<i>array</i>	Vector4-Array-instance to dump.
--------------	---------------------------------

Returns

String with lines for all array entries.

5.19.2.14 CTDump< K, V >()

```
static string Crosstales.ExtensionMethods.CTDump< K, V > (  
    this System.Collections.Generic.IDictionary< K, V > dict,  
    string prefix = "",  
    string postfix = "" ) [static]
```

Extension method for IDictionary. Dumps a dictionary to a string.

Parameters

<i>dict</i>	IDictionary-instance to dump.
<i>prefix</i>	Prefix for every element (default: empty, optional).
<i>postfix</i>	Postfix for every element (default: empty, optional).

Returns

String with lines for all dictionary entries.

5.19.2.15 CTDump< T >() [1/2]

```
static string Crosstales.ExtensionMethods.CTDump< T > (  
    this System.Collections.Generic.IList< T > list,  
    string prefix = "",  
    string postfix = "" ) [static]
```

Extension method for IList. Dumps a list to a string.

Parameters

<i>list</i>	IList-instance to dump.
<i>prefix</i>	Prefix for every element (default: empty, optional).
<i>postfix</i>	Postfix for every element (default: empty, optional).

Returns

String with lines for all list entries.

5.19.2.16 CTDump< T >() [2/2]

```
static string Crosstales.ExtensionMethods.CTDump< T > (
    this T[] array,
    string prefix = "",
    string postfix = "" ) [static]
```

Extension method for Arrays. Dumps an array to a string.

Parameters

<i>array</i>	Array-instance to dump.
<i>prefix</i>	Prefix for every element (default: empty, optional).
<i>postfix</i>	Postfix for every element (default: empty, optional).

Returns

String with lines for all array entries.

5.19.2.17 CTEquals()

```
static bool Crosstales.ExtensionMethods.CTEquals (
    this string str,
    string toCheck,
    System.StringComparison comp = System.StringComparison.OrdinalIgnoreCase ) [static]
```

Extension method for strings. Case insensitive 'Equals'.

Parameters

<i>str</i>	String-instance.
<i>toCheck</i>	String to check.
<i>comp</i>	StringComparison-method (default: StringComparison.OrdinalIgnoreCase, optional)

Returns

True if the string contains the given string.

5.19.2.18 CTisNumeric()

```
static bool Crosstales.ExtensionMethods.CTisNumeric (
    this string str ) [static]
```

Extension method for strings. Checks if the string is numeric.

Parameters

<i>str</i>	String-instance.
------------	------------------

Returns

True if the string is numeric.

5.19.2.19 CTIsVisibleFrom()

```
static bool Crosstales.ExtensionMethods.CTIsVisibleFrom (
    this Renderer renderer,
    Camera camera ) [static]
```

Extension method for Renderer. Determines if the renderer is visible from a certain camera.

Parameters

<i>renderer</i>	Renderer to test the visibility.
<i>camera</i>	Camera for the test.

Returns

True if the renderer is visible by the given camera.

5.19.2.20 CTReplace()

```
static string Crosstales.ExtensionMethods.CTReplace (
    this string str,
    string oldString,
    string newString,
    System.StringComparison comp = System.StringComparison.OrdinalIgnoreCase ) [static]
```

Extension method for strings. Case insensitive 'Replace'.

Parameters

<i>str</i>	String-instance.
<i>oldString</i>	String to replace.
<i>newString</i>	New replacement string.
<i>comp</i>	StringComparison-method (default: StringComparison.OrdinalIgnoreCase, optional)

Returns

Replaced string.

5.19.2.21 CTReverse()

```
static string Crosstales.ExtensionMethods.CTReverse (
    this string str ) [static]
```

Extension method for strings. Reverses a string.

Parameters

<i>str</i>	String-instance.
------------	------------------

Returns

Reversed string.

5.19.2.22 CTShuffle< T >() [1/2]

```
static void Crosstales.ExtensionMethods.CTShuffle< T > (
    this System.Collections.Generic.IList< T > list,
    int seed = 0 ) [static]
```

Extension method for IList. Shuffles a List.

Parameters

<i>list</i>	IList-instance to shuffle.
<i>seed</i>	Seed for the PRNG (default: 0 (=standard), optional)

5.19.2.23 CTShuffle< T >() [2/2]

```
static void Crosstales.ExtensionMethods.CTShuffle< T > (
    this T[] array,
    int seed = 0 ) [static]
```

Extension method for Arrays. Shuffles an Array.

Parameters

<i>array</i>	Array-instance to shuffle.
<i>seed</i>	Seed for the PRNG (default: 0 (=standard), optional)

5.19.2.24 CToString< T >() [1/2]

```
static System.Collections.Generic.List<string> Crosstales.ExtensionMethods.CToString< T > (  
    this System.Collections.Generic.IList< T > list ) [static]
```

Extension method for IList. Generates a string list with all entries (via ToString).

Parameters

<i>list</i>	IList-instance to ToString.
-------------	-----------------------------

Returns

String list with all entries (via ToString).

5.19.2.25 CToString< T >() [2/2]

```
static string [] Crosstales.ExtensionMethods.CToString< T > (  
    this T[] array ) [static]
```

Extension method for Arrays. Generates a string array with all entries (via ToString).

Parameters

<i>array</i>	Array-instance to ToString.
--------------	-----------------------------

Returns

String array with all entries (via ToString).

5.19.2.26 CToTitleCase()

```
static string Crosstales.ExtensionMethods.CToTitleCase (  
    this string str ) [static]
```

Extension method for strings. Converts a string to title case (first letter uppercase).

Parameters

<i>str</i>	String-instance.
------------	------------------

Returns

Converted string in title case.

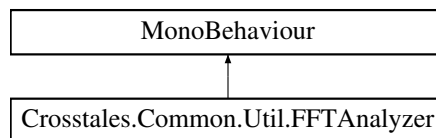
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Extension↔
Methods.cs

5.20 Crosstales.Common.Util.FFTAnalyzer Class Reference

FFT analyzer for an audio channel.

Inheritance diagram for Crosstales.Common.Util.FFTAnalyzer:



Public Member Functions

- void **Update** ()

Public Attributes

- float[] **Samples** = new float[256]
Array for the samples. More samples mean better accuracy but it also needs more performance (default: 256).
- int **Channel** = 0
summary>FFT-algorithm to analyze the audio (default: BlackmanHarris).
- FFTWindow **FFTMode** = FFTWindow.BlackmanHarris

5.20.1 Detailed Description

FFT analyzer for an audio channel.

5.20.2 Member Data Documentation

5.20.2.1 Channel

```
int Crosstales.Common.Util.FFTAnalyzer.Channel = 0
```

summary>FFT-algorithm to analyze the audio (default: BlackmanHarris).

5.20.2.2 Samples

```
float [ ] Crosstales.Common.Util.FFTAnalyzer.Samples = new float[256]
```

Array for the samples. More samples mean better accuracy but it also needs more performance (default: 256).

summary>Analyzed channel (0 = right, 1 = left, default: 0).

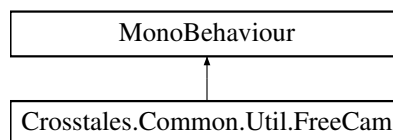
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/FFTAnalyzer.cs

5.21 Crosstales.Common.Util.FreeCam Class Reference

A simple free camera to be added to a Unity game object.

Inheritance diagram for Crosstales.Common.Util.FreeCam:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **OnDisable** ()
- void **StartLooking** ()
Enable free looking.
- void **StopLooking** ()
Disable free looking.

Public Attributes

- float **MovementSpeed** = 10f
Normal speed of camera movement.
- float **FastMovementSpeed** = 100f
Speed of camera movement when shift is held down.
- float **FreeLookSensitivity** = 3f
Sensitivity for free look.
- float **ZoomSensitivity** = 10f
Amount to zoom the camera when using the mouse wheel.
- float **FastZoomSensitivity** = 50f
Amount to zoom the camera when using the mouse wheel (fast mode).

5.21.1 Detailed Description

A simple free camera to be added to a Unity game object.

Keys: wasd / arrows - movement q/e - up/down (local space) r/f - up/down (world space) pageup/pagedown - up/down (world space) hold shift - enable fast movement mode right mouse - enable free look mouse - free look / rotation

5.21.2 Member Function Documentation

5.21.2.1 StartLooking()

```
void Crosstales.Common.Util.FreeCam.StartLooking ( )
```

Enable free looking.

5.21.2.2 StopLooking()

```
void Crosstales.Common.Util.FreeCam.StopLooking ( )
```

Disable free looking.

5.21.3 Member Data Documentation

5.21.3.1 FastMovementSpeed

```
float Crosstales.Common.Util.FreeCam.FastMovementSpeed = 100f
```

Speed of camera movement when shift is held down.

5.21.3.2 FastZoomSensitivity

```
float Crosstales.Common.Util.FreeCam.FastZoomSensitivity = 50f
```

Amount to zoom the camera when using the mouse wheel (fast mode).

5.21.3.3 FreeLookSensitivity

```
float Crosstales.Common.Util.FreeCam.FreeLookSensitivity = 3f
```

Sensitivity for free look.

5.21.3.4 MovementSpeed

```
float Crosstales.Common.Util.FreeCam.MovementSpeed = 10f
```

Normal speed of camera movement.

5.21.3.5 ZoomSensitivity

```
float Crosstales.Common.Util.FreeCam.ZoomSensitivity = 10f
```

Amount to zoom the camera when using the mouse wheel.

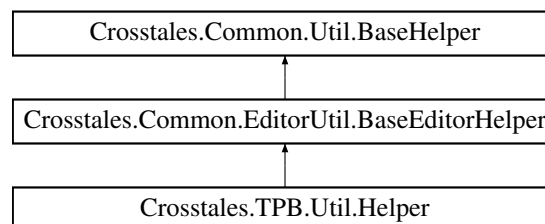
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/Free↔
Cam.cs

5.22 Crosstales.TPB.Util.Helper Class Reference

Various helper functions.

Inheritance diagram for Crosstales.TPB.Util.Helper:



Static Public Member Functions

- static void [SetupVCS](#) ()
Setup the VCS before building.
- static void [DeleteBuilds](#) ()
Delete the builds for all platforms.
- static void [ProcessBuildPipeline](#) (string target, bool batchmode=true)
Builds the target.

Static Public Attributes

- static bool **isDeleting** = false

Properties

- static Texture2D **Logo_Asset** [get]
- static Texture2D **Logo_Asset_Small** [get]
- static Texture2D **Icon_Play** [get]
- static Texture2D **Icon_Show** [get]
- static Texture2D **Logo_Windows** [get]
- static Texture2D **Logo_Mac** [get]
- static Texture2D **Logo_Linux** [get]
- static Texture2D **Logo_Ios** [get]
- static Texture2D **Logo_Android** [get]
- static Texture2D **Logo_Wsa** [get]
- static Texture2D **Logo_Webgl** [get]
- static Texture2D **Logo_Tvos** [get]
- static Texture2D **Logo_Ps4** [get]
- static Texture2D **Logo_Xboxone** [get]
- static Texture2D **Logo_Switch** [get]
- static Texture2D **Logo_Wiiu** [get]
- static Texture2D **Logo_3ds** [get]
- static Texture2D **Logo_Psp** [get]
- static Texture2D **Asset_RockTomate** [get]
- static System.Collections.Generic.List< BuildTarget > **Targets** [get]
Returns all active platforms.
- static BuildTarget **TargetWindows** [get]
Returns the active Windows platform.
- static BuildTarget **TargetMac** [get]
Returns the active macOS platform.
- static BuildTarget **TargetLinux** [get]
Returns the active Linux platform.
- static bool **hasActiveArchitecturePlatforms** [get]
Checks if the user has selected any architecture platforms.
- static string[] **ScenePaths** [get]
All active scene paths of the project.
- static bool **hasActiveScenes** [get]
Checks if a project has any active scenes.
- static bool **hasBuild** [get]
Checks if a build for the project exists.
- static string? **BuildInfo** [get]
Scans the build usage information.

Additional Inherited Members

5.22.1 Detailed Description

Various helper functions.

5.22.2 Member Function Documentation

5.22.2.1 DeleteBuilds()

```
static void Crosstales.TPB.Util.Helper.DeleteBuilds ( ) [static]
```

Delete the builds for all platforms.

5.22.2.2 ProcessBuildPipeline()

```
static void Crosstales.TPB.Util.Helper.ProcessBuildPipeline (
    string target,
    bool batchmode = true ) [static]
```

Builds the target.

Parameters

<i>target</i>	Target platform for the build
<i>batchmode</i>	Build in batch-mode (default: true, optional)

5.22.2.3 SetupVCS()

```
static void Crosstales.TPB.Util.Helper.SetupVCS ( ) [static]
```

Setup the VCS before building.

5.22.3 Property Documentation

5.22.3.1 BuildInfo

```
string? Crosstales.TPB.Util.Helper.BuildInfo [static], [get]
```

Scans the build usage information.

Returns

Build usage information.

5.22.3.2 hasActiveArchitecturePlatforms

```
bool Crosstales.TPB.Util.Helper.hasActiveArchitecturePlatforms [static], [get]
```

Checks if the user has selected any architecture platforms.

Returns

True if the user has selected any architecture platforms.

5.22.3.3 hasActiveScenes

```
bool Crosstales.TPB.Util.Helper.hasActiveScenes [static], [get]
```

Checks if a project has any active scenes.

Returns

True if a project has any active scenes.

5.22.3.4 hasBuild

```
bool Crosstales.TPB.Util.Helper.hasBuild [static], [get]
```

Checks if a build for the project exists.

Returns

True if a build for the project exists.

5.22.3.5 ScenePaths

```
string [] Crosstales.TPB.Util.Helper.ScenePaths [static], [get]
```

All active scene paths of the project.

Returns

All active scene paths of the project.

5.22.3.6 TargetLinux

```
BuildTarget Crosstales.TPB.Util.Helper.TargetLinux [static], [get]
```

Returns the active Linux platform.

Returns

Active Linux platform.

5.22.3.7 TargetMac

```
BuildTarget Crosstales.TPB.Util.Helper.TargetMac [static], [get]
```

Returns the active macOS platform.

Returns

Active macOS platform.

5.22.3.8 Targets

```
System.Collections.Generic.List<BuildTarget> Crosstales.TPB.Util.Helper.Targets [static],  
[get]
```

Returns all active platforms.

Returns

All active platforms.

5.22.3.9 TargetWindows

```
BuildTarget Crosstales.TPB.Util.Helper.TargetWindows [static], [get]
```

Returns the active Windows platform.

Returns

Active Windows platform.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↵
Util/Helper.cs

5.23 Crosstales.TPB.Task.Launch Class Reference

Show the configuration window on the first launch.

5.23.1 Detailed Description

Show the configuration window on the first launch.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↔ Task/Launch.cs

5.24 Crosstales.Common.EditorTask.NYCheck Class Reference

Checks if a 'Happy new year'-message must be displayed.

5.24.1 Detailed Description

Checks if a 'Happy new year'-message must be displayed.

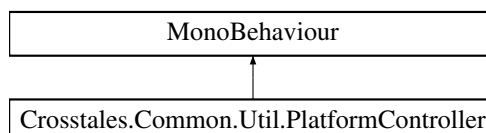
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Editor/Task/NY↔ Check.cs

5.25 Crosstales.Common.Util.PlatformController Class Reference

Enables or disable game objects for a given platform.

Inheritance diagram for Crosstales.Common.Util.PlatformController:



Public Member Functions

- virtual void **Start** ()

Public Attributes

- System.Collections.Generic.List< [Model.Enum.Platform](#) > [Platforms](#)
Selected platforms for the controller.
- bool [Active](#) = true
summary>Selected objects for the controller.
- GameObject[] **Objects**

Protected Member Functions

- void **selectPlatform** ()
- void **activateGO** ()

Protected Attributes

- [Model.Enum.Platform](#) **currentPlatform**

5.25.1 Detailed Description

Enables or disable game objects for a given platform.

5.25.2 Member Data Documentation

5.25.2.1 Active

```
bool Crosstales.Common.Util.PlatformController.Active = true
```

summary>Selected objects for the controller.

5.25.2.2 Platforms

```
System.Collections.Generic.List<Model.Enum.Platform> Crosstales.Common.Util.PlatformController.↔  
Platforms
```

Selected platforms for the controller.

summary>Enable or disable the 'Objects' for the selected 'Platforms' (default: true).

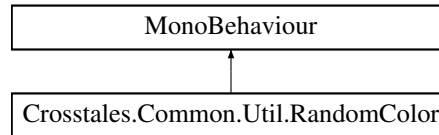
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/Platform↔
Controller.cs

5.26 Crosstales.Common.Util.RandomColor Class Reference

Random color changer.

Inheritance diagram for Crosstales.Common.Util.RandomColor:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- bool **UseInterval** = true
Use intervals to change the color (default: true).
- Vector2 **ChangeInterval** = new Vector2(5, 10)
summary> Random hue range between min (= x) and max (= y) (default: x = 0, y = 1).
- Vector2 **HueRange** = new Vector2(0f, 1f)
summary> Random saturation range between min (= x) and max (= y) (default: x = 1, y = 1).
- Vector2 **SaturationRange** = new Vector2(1f, 1f)
summary> Random value range between min (= x) and max (= y) (default: x = 1, y = 1).
- Vector2 **ValueRange** = new Vector2(1f, 1f)
summary> Random alpha range between min (= x) and max (= y) (default: x = 1, y = 1).
- Vector2 **AlphaRange** = new Vector2(1f, 1f)
summary> Use gray scale colors (default: false).
- bool **GrayScale** = false
summary> Modify the color of a material instead of the Renderer (default: not set, optional).
- Material **Material**
summary> Set the object to a random color at Start (default: false).
- bool **RandomColorAtStart** = false

5.26.1 Detailed Description

Random color changer.

5.26.2 Member Data Documentation

5.26.2.1 AlphaRange

```
Vector2 Crosstales.Common.Util.RandomColor.AlphaRange = new Vector2(1f, 1f)
```

summary>Use gray scale colors (default: false).

5.26.2.2 ChangeInterval

```
Vector2 Crosstales.Common.Util.RandomColor.ChangeInterval = new Vector2(5, 10)
```

summary>Random hue range between min (= x) and max (= y) (default: x = 0, y = 1).

5.26.2.3 GrayScale

```
bool Crosstales.Common.Util.RandomColor.GrayScale = false
```

summary>Modify the color of a material instead of the Renderer (default: not set, optional).

5.26.2.4 HueRange

```
Vector2 Crosstales.Common.Util.RandomColor.HueRange = new Vector2(0f, 1f)
```

summary>Random saturation range between min (= x) and max (= y) (default: x = 1, y = 1).

5.26.2.5 Material

```
Material Crosstales.Common.Util.RandomColor.Material
```

summary>Set the object to a random color at Start (default: false).

5.26.2.6 SaturationRange

```
Vector2 Crosstales.Common.Util.RandomColor.SaturationRange = new Vector2(1f, 1f)
```

summary>Random value range between min (= x) and max (= y) (default: x = 1, y = 1).

5.26.2.7 UseInterval

```
bool Crosstales.Common.Util.RandomColor.UseInterval = true
```

Use intervals to change the color (default: true).

summary>Random change interval between min (= x) and max (= y) in seconds (default: x = 5, y = 10).

5.26.2.8 ValueRange

```
Vector2 Crosstales.Common.Util.RandomColor.ValueRange = new Vector2(1f, 1f)
```

summary>Random alpha range between min (= x) and max (= y) (default: x = 1, y = 1).

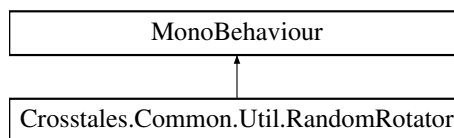
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/RandomColor.cs

5.27 Crosstales.Common.Util.RandomRotator Class Reference

Random rotation changer.

Inheritance diagram for Crosstales.Common.Util.RandomRotator:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- bool **UseInterval** = true
Use intervals to change the rotation (default: true).
- Vector2 **ChangeInterval** = new Vector2(10, 20)
summary>Minimum rotation speed per axis (default: 5 for all axis).
- Vector3 **SpeedMin** = new Vector3(5, 5, 5)
summary>Maximum rotation speed per axis (default: 15 for all axis).
- Vector3 **SpeedMax** = new Vector3(15, 15, 15)
summary>Set the object to a random rotation at Start (default: false).
- bool **RandomRotationAtStart** = false

5.27.1 Detailed Description

Random rotation changer.

5.27.2 Member Data Documentation

5.27.2.1 ChangeInterval

```
Vector2 Crosstales.Common.Util.RandomRotator.ChangeInterval = new Vector2(10, 20)
```

summary>Minimum rotation speed per axis (default: 5 for all axis).

5.27.2.2 SpeedMax

```
Vector3 Crosstales.Common.Util.RandomRotator.SpeedMax = new Vector3(15, 15, 15)
```

summary>Set the object to a random rotation at Start (default: false).

5.27.2.3 SpeedMin

```
Vector3 Crosstales.Common.Util.RandomRotator.SpeedMin = new Vector3(5, 5, 5)
```

summary>Maximum rotation speed per axis (default: 15 for all axis).

5.27.2.4 UseInterval

```
bool Crosstales.Common.Util.RandomRotator.UseInterval = true
```

Use intervals to change the rotation (default: true).

summary>Random change interval between min (= x) and max (= y) in seconds (default: x = 10, y = 20).

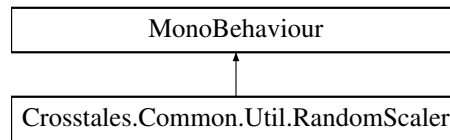
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/RandomRotator.cs

5.28 Crosstales.Common.Util.RandomScaler Class Reference

Random scale changer.

Inheritance diagram for Crosstales.Common.Util.RandomScaler:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- bool **UseInterval** = true
Use intervals to change the scale (default: true).
- Vector2 **ChangeInterval** = new Vector2(10, 20)
summary> Minimum scale per axis (default: 0.1 for all axis).
- Vector3 **ScaleMin** = new Vector3(0.1f, 0.1f, 0.1f)
summary> Maximum scale per axis (default: 0.1 for all axis).
- Vector3 **ScaleMax** = new Vector3(3, 3, 3)
summary> Uniform scaling for all axis (x-axis values will be used, default: true).
- bool **Uniform** = true
summary> Set the object to a random scale at Start (default: false).
- bool **RandomScaleAtStart** = false

5.28.1 Detailed Description

Random scale changer.

5.28.2 Member Data Documentation

5.28.2.1 ChangeInterval

```
Vector2 Crosstales.Common.Util.RandomScaler.ChangeInterval = new Vector2(10, 20)
```

summary> Minimum scale per axis (default: 0.1 for all axis).

5.28.2.2 ScaleMax

```
Vector3 Crosstales.Common.Util.RandomScaler.ScaleMax = new Vector3(3, 3, 3)
```

summary>Uniform scaling for all axis (x-axis values will be used, default: true).

5.28.2.3 ScaleMin

```
Vector3 Crosstales.Common.Util.RandomScaler.ScaleMin = new Vector3(0.1f, 0.1f, 0.1f)
```

summary>Maximum scale per axis (default: 0.1 for all axis).

5.28.2.4 Uniform

```
bool Crosstales.Common.Util.RandomScaler.Uniform = true
```

summary>Set the object to a random scale at Start (default: false).

5.28.2.5 UseInterval

```
bool Crosstales.Common.Util.RandomScaler.UseInterval = true
```

Use intervals to change the scale (default: true).

summary>Random change interval between min (= x) and max (= y) in seconds (default: x = 10, y = 20).

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/Random↔
Scaler.cs

5.29 Crosstales.Common.Util.SerializableDictionary< TKey, TVal > Class Template Reference

Serializable Dictionary-class for XML.

Inheritance diagram for Crosstales.Common.Util.SerializableDictionary< TKey, TVal >:



Public Member Functions

- **SerializableDictionary** (System.Collections.Generic.IDictionary< TKey, TVal > dictionary)
- **SerializableDictionary** (System.Collections.Generic.IEqualityComparer< TKey > comparer)
- **SerializableDictionary** (int capacity)
- **SerializableDictionary** (System.Collections.Generic.IDictionary< TKey, TVal > dictionary, System.Collections.Generic.IEqualityComparer< TKey > comparer)
- **SerializableDictionary** (int capacity, System.Collections.Generic.IEqualityComparer< TKey > comparer)

Protected Member Functions

- **SerializableDictionary** (System.Runtime.Serialization.SerializationInfo info, System.Runtime.Serialization.StreamingContext context)

5.29.1 Detailed Description

Serializable Dictionary-class for XML.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/SerializableDictionary.cs

5.30 Crosstales.Common.Util.SerializeDeSerialize Class Reference

Serialize and deserialize objects to/from binary files.

Static Public Member Functions

- static void [SerializeToFile< T >](#) (T obj, string filename)
Serialize an object to a byte-array.
- static byte[] [SerializeToByteArray< T >](#) (T obj)
Serialize an object to a byte-array.
- static T [DeserializeFromFile< T >](#) (string filename)
Deserialize a binary-file to an object.
- static T [DeserializeFromByteArray< T >](#) (byte[] data)
Deserialize a byte-array to an object.

5.30.1 Detailed Description

Serialize and deserialize objects to/from binary files.

5.30.2 Member Function Documentation

5.30.2.1 DeserializeFromByteArray< T >()

```
static T Crosstales.Common.Util.SerializeDeSerialize.DeserializeFromByteArray< T > (
    byte[] data ) [static]
```

Deserialize a byte-array to an object.

Parameters

<i>data</i>	Byte-array of the object
-------------	--------------------------

Returns

Object

5.30.2.2 DeserializeFromFile< T >()

```
static T Crosstales.Common.Util.SerializeDeSerialize.DeserializeFromFile< T > (  
    string filename ) [static]
```

Deserialize a binary-file to an object.

Parameters

<i>filename</i>	Binary-file of the object
-----------------	---------------------------

Returns

Object

5.30.2.3 SerializeToByteArray< T >()

```
static byte [] Crosstales.Common.Util.SerializeDeSerialize.SerializeToByteArray< T > (  
    T obj ) [static]
```

Serialize an object to a byte-array.

Parameters

<i>obj</i>	Object to serialize.
------------	----------------------

Returns

Byte-array of the object

5.30.2.4 SerializeToFile< T >()

```
static void Crosstales.Common.Util.SerializeDeSerialize.SerializeToFile< T > (  
    T obj,  
    string filename ) [static]
```

Serialize an object to a byte-array.

Parameters

<i>obj</i>	Object to serialize.
<i>filename</i>	Binary-file for the object

Returns

Byte-array of the object

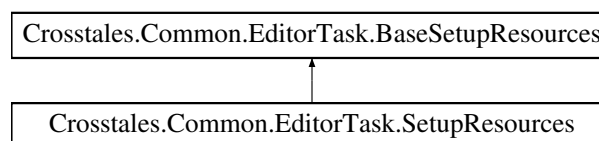
The documentation for this class was generated from the following file:

- [D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/Serialize↔DeSerialize.cs](#)

5.31 Crosstales.Common.EditorTask.SetupResources Class Reference

Copies all resources to 'Editor Default Resources'.

Inheritance diagram for Crosstales.Common.EditorTask.SetupResources:



Additional Inherited Members

5.31.1 Detailed Description

Copies all resources to 'Editor Default Resources'.

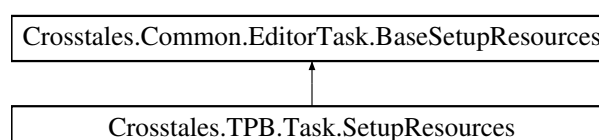
The documentation for this class was generated from the following file:

- [D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Editor/Task/Setup↔Resources.cs](#)

5.32 Crosstales.TPB.Task.SetupResources Class Reference

Copies all resources to 'Editor Default Resources'.

Inheritance diagram for Crosstales.TPB.Task.SetupResources:



Additional Inherited Members

5.32.1 Detailed Description

Copies all resources to 'Editor Default Resources'.

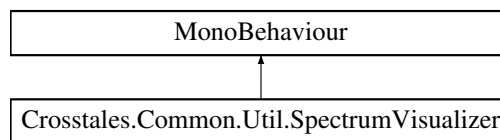
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/↔ Task/SetupResources.cs

5.33 Crosstales.Common.Util.SpectrumVisualizer Class Reference

Simple spectrum visualizer.

Inheritance diagram for Crosstales.Common.Util.SpectrumVisualizer:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- [FFTAnalyzer Analyzer](#)
FFT-analyzer with the spectrum data.
- GameObject [VisualPrefab](#)
summary> Width per prefab.
- float [Width](#) = 0.075f
summary> Gain-power for the frequency.
- float [Gain](#) = 70f
summary> Frequency band from left-to-right (default: true).
- bool [LeftToRight](#) = true
summary> Opacity of the material of the prefab (default: 1).
- float **Opacity** = 1f

5.33.1 Detailed Description

Simple spectrum visualizer.

5.33.2 Member Data Documentation

5.33.2.1 Analyzer

`FFTAnalyzer` `Crosstales.Common.Util.SpectrumVisualizer.Analyzer`

FFT-analyzer with the spectrum data.

summary>Prefab for the frequency representation.

5.33.2.2 Gain

`float` `Crosstales.Common.Util.SpectrumVisualizer.Gain` = 70f

summary>Frequency band from left-to-right (default: true).

5.33.2.3 LeftToRight

`bool` `Crosstales.Common.Util.SpectrumVisualizer.LeftToRight` = true

summary>Opacity of the material of the prefab (default: 1).

5.33.2.4 VisualPrefab

`GameObject` `Crosstales.Common.Util.SpectrumVisualizer.VisualPrefab`

summary>Width per prefab.

5.33.2.5 Width

`float` `Crosstales.Common.Util.SpectrumVisualizer.Width` = 0.075f

summary>Gain-power for the frequency.

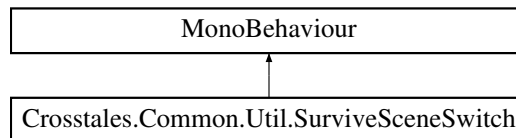
The documentation for this class was generated from the following file:

- `D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/SpectrumVisualizer.cs`

5.34 Crosstales.Common.Util.SurviveSceneSwitch Class Reference

Allows any Unity gameobject to survive a scene switch. This is especially useful to keep the music playing while loading a new scene.

Inheritance diagram for Crosstales.Common.Util.SurviveSceneSwitch:



Public Member Functions

- void **OnEnable** ()
- void **Start** ()
- void **Update** ()

Public Attributes

- GameObject[] **Survivors**
Objects which have to survive a scene switch.
- bool **DontDestroy** = true
Don't destroy gameobject during scene switches (default: true).

5.34.1 Detailed Description

Allows any Unity gameobject to survive a scene switch. This is especially useful to keep the music playing while loading a new scene.

5.34.2 Member Data Documentation

5.34.2.1 DontDestroy

```
bool Crosstales.Common.Util.SurviveSceneSwitch.DontDestroy = true
```

Don't destroy gameobject during scene switches (default: true).

5.34.2.2 Survivors

`GameObject [] Crosstales.Common.Util.SurviveSceneSwitch.Survivors`

Objects which have to survive a scene switch.

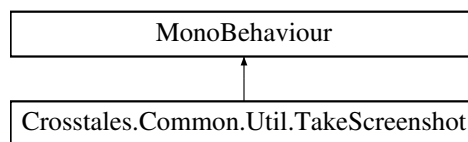
The documentation for this class was generated from the following file:

- `D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Tool/SurviveSceneSwitch.cs`

5.35 Crosstales.Common.Util.TakeScreenshot Class Reference

Take screen shots inside an application.

Inheritance diagram for `Crosstales.Common.Util.TakeScreenshot`:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **Capture** ()
Capture the screen.
- void **Start** ()

Public Attributes

- string **Prefix** = "CT_Screenshot"
Prefix for the generate file names.
- int **Scale** = 1
summary>Key-press to capture the screen (default: F8).
- KeyCode **KeyCode** = KeyCode.F8
summary>Show file location (default: true).
- bool **ShowFileLocation** = true

5.35.1 Detailed Description

Take screen shots inside an application.

5.35.2 Member Function Documentation

5.35.2.1 Capture()

```
void Crosstales.Common.Util.TakeScreenshot.Capture ( )
```

Capture the screen.

5.35.3 Member Data Documentation

5.35.3.1 KeyCode

```
KeyCode Crosstales.Common.Util.TakeScreenshot.KeyCode = KeyCode.F8
```

summary>Show file location (default: true).

5.35.3.2 Prefix

```
string Crosstales.Common.Util.TakeScreenshot.Prefix = "CT_Screenshot"
```

Prefix for the generate file names.

summary>Factor by which to increase resolution (default: 1).

5.35.3.3 Scale

```
int Crosstales.Common.Util.TakeScreenshot.Scale = 1
```

summary>Key-press to capture the screen (default: F8).

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Tool/TakeScreenshot.cs

5.36 Crosstales.TPB.Example.TPBMenu Class Reference

[Example](#) editor integration of Turbo [Builder](#) for your own scripts.

Static Public Member Functions

- static void **BuildWindows** ()
- static void **BuildAndroid** ()
- static void **BuildAll** ()

5.36.1 Detailed Description

[Example](#) editor integration of Turbo [Builder](#) for your own scripts.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Example Integration/Editor/TPBMenu.cs

5.37 Crosstales.TPB.Task.UpdateCheck Class Reference

Checks for updates of the asset.

Static Public Member Functions

- static void **UpdateCheckForEditor** (out string result, out [UpdateStatus](#) st)

Static Public Attributes

- const string **TEXT_NOT_CHECKED** = "Not checked."
- const string **TEXT_NO_UPDATE** = "No update available - you are using the latest version."

5.37.1 Detailed Description

Checks for updates of the asset.

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/TurboBuilder/Editor/[↵](#) Task/UpdateCheck.cs

5.38 Crosstales.Common.Util.XmlHelper Class Reference

Helper-class for XML.

Static Public Member Functions

- static void [SerializeToFile< T >](#) (T obj, string filename)
Serialize an object to an XML-file.
- static T [DeserializeFromFile< T >](#) (string filename, bool skipBOM=false)
Deserialize a XML-file to an object.
- static string [SerializeToString< T >](#) (T obj)
Serialize an object to an XML-string.
- static T [DeserializeFromString< T >](#) (string xmlAsString, bool skipBOM=true)
Deserialize a XML-string to an object.
- static T [DeserializeFromResource< T >](#) (string resourceName, bool skipBOM=true)
Deserialize a Unity XML resource (TextAsset) to an object.

5.38.1 Detailed Description

Helper-class for XML.

5.38.2 Member Function Documentation

5.38.2.1 [DeserializeFromFile< T >\(\)](#)

```
static T Crosstales.Common.Util.XmlHelper.DeserializeFromFile< T > (  
    string filename,  
    bool skipBOM = false ) [static]
```

Deserialize a XML-file to an object.

Parameters

<i>filename</i>	XML-file of the object
<i>skipBOM</i>	Skip BOM (optional, default: false)

Returns

Object

5.38.2.2 [DeserializeFromResource< T >\(\)](#)

```
static T Crosstales.Common.Util.XmlHelper.DeserializeFromResource< T > (  
    string resourceName,  
    bool skipBOM = true ) [static]
```

Deserialize a Unity XML resource (TextAsset) to an object.

Parameters

<i>resourceName</i>	Name of the resource
<i>skipBOM</i>	Skip BOM (optional, default: true)

Returns

Object

5.38.2.3 DeserializeFromString< T >()

```
static T Crosstales.Common.Util.XmlHelper.DeserializeFromString< T > (  
    string xmlAsString,  
    bool skipBOM = true ) [static]
```

Deserialize a XML-string to an object.

Parameters

<i>xmlAsString</i>	XML of the object
<i>skipBOM</i>	Skip BOM (optional, default: true)

Returns

Object

5.38.2.4 SerializeToFile< T >()

```
static void Crosstales.Common.Util.XmlHelper.SerializeToFile< T > (  
    T obj,  
    string filename ) [static]
```

Serialize an object to an XML-file.

Parameters

<i>obj</i>	Object to serialize.
<i>filename</i>	File name of the XML.

5.38.2.5 SerializeToString< T >()

```
static string Crosstales.Common.Util.XmlHelper.SerializeToString< T > (  

```

```
T obj ) [static]
```

Serialize an object to an XML-string.

Parameters

<i>obj</i>	Object to serialize.
------------	----------------------

Returns

Object as XML-stringValid path

The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/TurboBuilder/TurboBuilder/Assets/Plugins/crosstales/Common/Scripts/Util/XmlHelper.cs↵

Chapter 6

More information

6.1 Homepage

<https://www.crosstales.com/en/portfolio/TurboBuilder/>

6.2 AssetStore

<https://assetstore.unity.com/packages/slug/98714?aid=10111NGT>

6.3 Forum

<https://forum.unity.com/threads/turbo-builder-fast-build-solution.644425/>

6.4 Documentation

<https://www.crosstales.com/media/data/assets/TurboBuilder/TurboBuilder-doc.pdf>

6.5 Discord

<https://discord.gg/ZbZ2sh4>

6.6 Videos

<https://www.youtube.com/c/Crosstales>

Index

- Active
 - Crosstales.Common.Util.PlatformController, [105](#)
- ADD_DATE_TO_PATH
 - Crosstales.TPB.Util.Config, [54](#)
- ADD_NAME_TO_PATH
 - Crosstales.TPB.Util.Config, [55](#)
- AddSymbolsToAllTargets
 - Crosstales.Common.EditorTask.BaseCompileDefines, [14](#)
- AlphaRange
 - Crosstales.Common.Util.RandomColor, [106](#)
- Analyzer
 - Crosstales.Common.Util.SpectrumVisualizer, [116](#)
- APPLICATION_PATH
 - Crosstales.Common.Util.BaseConstants, [25](#)
- ARCH_LINUX
 - Crosstales.TPB.Util.Config, [55](#)
- ARCH_WINDOWS
 - Crosstales.TPB.Util.Config, [55](#)
- Arguments
 - Crosstales.Common.Util.CTProcessStartInfo, [80](#)
- ASSET_3P_PLAYMAKER
 - Crosstales.Common.Util.BaseConstants, [17](#)
- ASSET_3P_ROCKTOMATE
 - Crosstales.TPB.Util.Constants, [66](#)
- ASSET_API_URL
 - Crosstales.TPB.Util.Constants, [66](#)
- ASSET_AUTHOR
 - Crosstales.Common.Util.BaseConstants, [18](#)
- ASSET_AUTHOR_URL
 - Crosstales.Common.Util.BaseConstants, [18](#)
- ASSET_BUILD
 - Crosstales.TPB.Util.Constants, [66](#)
- ASSET_BWF
 - Crosstales.Common.Util.BaseConstants, [18](#)
- ASSET_CHANGED
 - Crosstales.TPB.Util.Constants, [66](#)
- ASSET_CONTACT
 - Crosstales.TPB.Util.Constants, [67](#)
- ASSET_CREATED
 - Crosstales.TPB.Util.Constants, [67](#)
- ASSET_CT_URL
 - Crosstales.Common.Util.BaseConstants, [18](#)
- ASSET_DJ
 - Crosstales.Common.Util.BaseConstants, [18](#)
- ASSET_FB
 - Crosstales.Common.Util.BaseConstants, [18](#)
- ASSET_FORUM_URL
 - Crosstales.TPB.Util.Constants, [67](#)
- ASSET_ID
 - Crosstales.TPB.Util.Constants, [69](#)
- ASSET_MANUAL_URL
 - Crosstales.TPB.Util.Constants, [67](#)
- ASSET_NAME
 - Crosstales.TPB.Util.Constants, [67](#)
- ASSET_NAME_SHORT
 - Crosstales.TPB.Util.Constants, [67](#)
- ASSET_OC
 - Crosstales.Common.Util.BaseConstants, [19](#)
- ASSET_PATH
 - Crosstales.TPB.Util.Config, [61](#)
- ASSET_PRO_URL
 - Crosstales.TPB.Util.Constants, [68](#)
- ASSET_RADIO
 - Crosstales.Common.Util.BaseConstants, [19](#)
- ASSET_RTV
 - Crosstales.Common.Util.BaseConstants, [19](#)
- ASSET_SOCIAL_DISCORD
 - Crosstales.Common.Util.BaseConstants, [19](#)
- ASSET_SOCIAL_FACEBOOK
 - Crosstales.Common.Util.BaseConstants, [19](#)
- ASSET_SOCIAL_LINKEDIN
 - Crosstales.Common.Util.BaseConstants, [19](#)
- ASSET_SOCIAL_TWITTER
 - Crosstales.Common.Util.BaseConstants, [20](#)
- ASSET_SOCIAL_YOUTUBE
 - Crosstales.Common.Util.BaseConstants, [20](#)
- ASSET_TB
 - Crosstales.Common.Util.BaseConstants, [20](#)
- ASSET_TPB
 - Crosstales.Common.Util.BaseConstants, [20](#)
- ASSET_TPS
 - Crosstales.Common.Util.BaseConstants, [20](#)
- ASSET_TR
 - Crosstales.Common.Util.BaseConstants, [20](#)
- ASSET_UID
 - Crosstales.TPB.Util.Constants, [69](#)
- ASSET_UPDATE_CHECK_URL
 - Crosstales.TPB.Util.Constants, [68](#)
- ASSET_URL
 - Crosstales.TPB.Util.Constants, [69](#)
- ASSET_VERSION
 - Crosstales.TPB.Util.Constants, [68](#)
- ASSET_WEB_URL
 - Crosstales.TPB.Util.Constants, [68](#)
- BaseCulture
 - Crosstales.Common.Util.BaseHelper, [40](#)
- BO_DEVELOPMENT

- Crosstales.TPB.Util.Config, [55](#)
- BO_PROFILER
 - Crosstales.TPB.Util.Config, [55](#)
- BO_SCRIPTDEBUG
 - Crosstales.TPB.Util.Config, [55](#)
- BO_SHOW_BUILT_PLAYER
 - Crosstales.TPB.Util.Config, [56](#)
- Build
 - Crosstales.TPB.Builder, [49](#)
- BuildAll
 - Crosstales.TPB.Builder, [49](#)
- BuildAllCLI
 - Crosstales.TPB.Builder, [50](#)
- BuildCLI
 - Crosstales.TPB.Builder, [50](#)
- BuildInfo
 - Crosstales.TPB.Util.Helper, [101](#)
- BuildTPS
 - Crosstales.TPB.Builder, [50](#)
- Capture
 - Crosstales.Common.Util.TakeScreenshot, [119](#)
- ChangeInterval
 - Crosstales.Common.Util.RandomColor, [107](#)
 - Crosstales.Common.Util.RandomRotator, [109](#)
 - Crosstales.Common.Util.RandomScaler, [110](#)
- Channel
 - Crosstales.Common.Util.FFTAnalyzer, [96](#)
- cleanSpacesRegex
 - Crosstales.Common.Util.BaseHelper, [40](#)
- cleanTagsRegex
 - Crosstales.Common.Util.BaseHelper, [41](#)
- CleanUrl
 - Crosstales.Common.Util.BaseHelper, [33](#)
- ClearLineEndings
 - Crosstales.Common.Util.BaseHelper, [33](#)
- ClearSpaces
 - Crosstales.Common.Util.BaseHelper, [34](#)
- ClearTags
 - Crosstales.Common.Util.BaseHelper, [34](#)
- CMD_WINDOWS_PATH
 - Crosstales.Common.Util.BaseConstants, [21](#)
- CONFIRM_BUILD
 - Crosstales.TPB.Util.Config, [56](#)
- ConnectionLimit
 - Crosstales.Common.Util.CTWebClient, [83](#)
- CreateNoWindow
 - Crosstales.Common.Util.CTProcessStartInfo, [80](#)
- CreateString
 - Crosstales.Common.Util.BaseHelper, [34](#)
- Crosstales, [7](#)
- Crosstales.Common, [7](#)
- Crosstales.Common.EditorTask, [7](#)
- Crosstales.Common.EditorTask.BaseCompileDefines, [14](#)
 - AddSymbolsToAllTargets, [14](#)
 - RemoveSymbolsFromAllTargets, [15](#)
- Crosstales.Common.EditorTask.BaseSetupResources, [48](#)
- Crosstales.Common.EditorTask.NYCheck, [104](#)
- Crosstales.Common.EditorTask.SetupResources, [114](#)
- Crosstales.Common.EditorUtil, [7](#)
- Crosstales.Common.EditorUtil.BaseEditorHelper, [25](#)
 - FindAssetsByType< T >, [27](#)
 - getBuildNameFromBuildTarget, [27](#)
 - getBuildTargetForBuildName, [28](#)
 - getCLIArgument, [28](#)
 - InvokeMethod, [28](#)
 - isValidBuildTarget, [29](#)
 - ReadOnlyTextField, [29](#)
 - RefreshAssetDatabase, [29](#)
 - RestartUnity, [29](#)
 - SeparatorUI, [30](#)
- Crosstales.Common.Model, [8](#)
- Crosstales.Common.Model.Enum, [8](#)
 - Platform, [8](#)
 - SampleRate, [8](#)
- Crosstales.Common.Util, [8](#)
- Crosstales.Common.Util.BackgroundController, [13](#)
 - Objects, [13](#)
- Crosstales.Common.Util.BaseConstants, [15](#)
 - APPLICATION_PATH, [25](#)
 - ASSET_3P_PLAYMAKER, [17](#)
 - ASSET_AUTHOR, [18](#)
 - ASSET_AUTHOR_URL, [18](#)
 - ASSET_BWF, [18](#)
 - ASSET_CT_URL, [18](#)
 - ASSET_DJ, [18](#)
 - ASSET_FB, [18](#)
 - ASSET_OC, [19](#)
 - ASSET_RADIO, [19](#)
 - ASSET_RTV, [19](#)
 - ASSET_SOCIAL_DISCORD, [19](#)
 - ASSET_SOCIAL_FACEBOOK, [19](#)
 - ASSET_SOCIAL_LINKEDIN, [19](#)
 - ASSET_SOCIAL_TWITTER, [20](#)
 - ASSET_SOCIAL_YOUTUBE, [20](#)
 - ASSET_TB, [20](#)
 - ASSET_TPB, [20](#)
 - ASSET_TPS, [20](#)
 - ASSET_TR, [20](#)
 - CMD_WINDOWS_PATH, [21](#)
 - DEV_DEBUG, [21](#)
 - FACTOR_GB, [21](#)
 - FACTOR_KB, [21](#)
 - FACTOR_MB, [21](#)
 - FLOAT_32768, [21](#)
 - FLOAT_TOLERANCE, [22](#)
 - FORMAT_NO_DECIMAL_PLACES, [22](#)
 - FORMAT_PERCENT, [22](#)
 - FORMAT_TWO_DECIMAL_PLACES, [22](#)
 - PATH_DELIMITER_UNIX, [22](#)
 - PATH_DELIMITER_WINDOWS, [22](#)
 - PREFIX_FILE, [25](#)
 - PROCESS_KILL_TIME, [23](#)
 - SHOW_BWF_BANNER, [23](#)
 - SHOW_DJ_BANNER, [23](#)

- SHOW_FB_BANNER, [23](#)
- SHOW_OC_BANNER, [23](#)
- SHOW_RADIO_BANNER, [23](#)
- SHOW_RTV_BANNER, [24](#)
- SHOW_TB_BANNER, [24](#)
- SHOW_TPB_BANNER, [24](#)
- SHOW_TPS_BANNER, [24](#)
- SHOW_TR_BANNER, [24](#)
- Crosstales.Common.Util.BaseHelper, [30](#)
 - BaseCulture, [40](#)
 - cleanSpacesRegex, [40](#)
 - cleanTagsRegex, [41](#)
 - CleanUrl, [33](#)
 - ClearLineEndings, [33](#)
 - ClearSpaces, [34](#)
 - ClearTags, [34](#)
 - CreateString, [34](#)
 - CurrentPlatform, [41](#)
 - FileCopy, [35](#)
 - FormatBytesToHRF, [35](#)
 - FormatSecondsToHourMinSec, [35](#)
 - GetDirectories, [35](#)
 - GetFiles, [36](#)
 - getIP, [36](#)
 - hasActiveClip, [37](#)
 - HSVToRGB, [37](#)
 - isAndroidPlatform, [41](#)
 - isAppleBasedPlatform, [42](#)
 - isEditor, [42](#)
 - isEditorMode, [42](#)
 - isIL2CPP, [42](#)
 - isInternetAvailable, [43](#)
 - isIOSBasedPlatform, [43](#)
 - isIOSPlatform, [43](#)
 - isLinuxEditor, [43](#)
 - isLinuxPlatform, [44](#)
 - isMacOSEditor, [44](#)
 - isMacOSPlatform, [44](#)
 - isPS4Platform, [44](#)
 - isStandalonePlatform, [45](#)
 - isTvOSPlatform, [45](#)
 - isValidURL, [37](#)
 - isWebGLPlatform, [45](#)
 - isWebPlatform, [45](#)
 - isWindowsBasedPlatform, [46](#)
 - isWindowsEditor, [46](#)
 - isWindowsPlatform, [46](#)
 - isWSABasedPlatform, [46](#)
 - isWSAPlatform, [47](#)
 - isXboxOnePlatform, [47](#)
 - lineEndingsRegex, [41](#)
 - OpenFile, [38](#)
 - RemoteCertificateValidationCallback, [38](#)
 - ShowFileLocation, [38](#)
 - SplitStringToLines, [39](#)
 - StreamingAssetsPath, [47](#)
 - ValidateFile, [39](#)
 - ValidatePath, [39](#)
 - ValidURLFromFilePath, [40](#)
- Crosstales.Common.Util.CTPlayerPrefs, [70](#)
 - DeleteAll, [71](#)
 - DeleteKey, [71](#)
 - GetBool, [71](#)
 - GetDate, [71](#)
 - GetFloat, [72](#)
 - GetInt, [72](#)
 - GetString, [73](#)
 - HasKey, [73](#)
 - Save, [73](#)
 - SetBool, [73](#)
 - SetDate, [74](#)
 - SetFloat, [74](#)
 - SetInt, [74](#)
 - SetString, [75](#)
- Crosstales.Common.Util.CTProcess, [75](#)
 - ExitCode, [78](#)
 - ExitTime, [78](#)
 - Handle, [78](#)
 - HasExited, [78](#)
 - Id, [78](#)
 - isBusy, [78](#)
 - Kill, [76, 77](#)
 - StandardError, [79](#)
 - StandardOutput, [79](#)
 - Start, [77](#)
 - StartInfo, [79](#)
 - StartTime, [79](#)
- Crosstales.Common.Util.CTProcessStartInfo, [79](#)
 - Arguments, [80](#)
 - CreateNoWindow, [80](#)
 - FileName, [80](#)
 - RedirectStandardError, [81](#)
 - RedirectStandardOutput, [81](#)
 - StandardErrorEncoding, [81](#)
 - StandardOutputEncoding, [81](#)
 - UseCmdExecute, [81](#)
 - UseShellExecute, [81](#)
 - UseThread, [82](#)
 - WorkingDirectory, [82](#)
- Crosstales.Common.Util.CTWebClient, [82](#)
 - ConnectionLimit, [83](#)
 - Timeout, [83](#)
- Crosstales.Common.Util.FFTAnalyzer, [96](#)
 - Channel, [96](#)
 - Samples, [96](#)
- Crosstales.Common.Util.FreeCam, [97](#)
 - FastMovementSpeed, [98](#)
 - FastZoomSensitivity, [98](#)
 - FreeLookSensitivity, [98](#)
 - MovementSpeed, [99](#)
 - StartLooking, [98](#)
 - StopLooking, [98](#)
 - ZoomSensitivity, [99](#)
- Crosstales.Common.Util.PlatformController, [104](#)
 - Active, [105](#)
 - Platforms, [105](#)

- Crosstales.Common.Util.RandomColor, [106](#)
 - AlphaRange, [106](#)
 - ChangeInterval, [107](#)
 - GrayScale, [107](#)
 - HueRange, [107](#)
 - Material, [107](#)
 - SaturationRange, [107](#)
 - UseInterval, [107](#)
 - ValueRange, [108](#)
- Crosstales.Common.Util.RandomRotator, [108](#)
 - ChangeInterval, [109](#)
 - SpeedMax, [109](#)
 - SpeedMin, [109](#)
 - UseInterval, [109](#)
- Crosstales.Common.Util.RandomScaler, [110](#)
 - ChangeInterval, [110](#)
 - ScaleMax, [110](#)
 - ScaleMin, [111](#)
 - Uniform, [111](#)
 - UseInterval, [111](#)
- Crosstales.Common.Util.SerializableDictionary< TKey, TVal >, [111](#)
- Crosstales.Common.Util.SerializeDeSerialize, [112](#)
 - DeserializeFromByteArray< T >, [112](#)
 - DeserializeFromFile< T >, [113](#)
 - SerializeToByteArray< T >, [113](#)
 - SerializeToFile< T >, [113](#)
- Crosstales.Common.Util.SpectrumVisualizer, [115](#)
 - Analyzer, [116](#)
 - Gain, [116](#)
 - LeftToRight, [116](#)
 - VisualPrefab, [116](#)
 - Width, [116](#)
- Crosstales.Common.Util.SurviveSceneSwitch, [117](#)
 - DontDestroy, [117](#)
 - Survivors, [117](#)
- Crosstales.Common.Util.TakeScreenshot, [118](#)
 - Capture, [119](#)
 - KeyCode, [119](#)
 - Prefix, [119](#)
 - Scale, [119](#)
- Crosstales.Common.Util.XmlHelper, [120](#)
 - DeserializeFromFile< T >, [121](#)
 - DeserializeFromResource< T >, [121](#)
 - DeserializeFromString< T >, [122](#)
 - SerializeToFile< T >, [122](#)
 - SerializeToString< T >, [122](#)
- Crosstales.ExtensionMethods, [83](#)
 - CTAddRange< K, V >, [85](#)
 - CTContains, [85](#)
 - CTContainsAll, [86](#)
 - CTContainsAny, [86](#)
 - CTDeepSearch, [86](#)
 - CTDump, [87–89](#)
 - CTDump< K, V >, [91](#)
 - CTDump< T >, [91, 92](#)
 - CTEquals, [92](#)
 - CTIsNumeric, [92](#)
 - CTIsVisibleFrom, [93](#)
 - CTReplace, [93](#)
 - CTReverse, [94](#)
 - CTShuffle< T >, [94](#)
 - CTToString< T >, [95](#)
 - CTToTitleCase, [95](#)
- Crosstales.TPB, [9](#)
- Crosstales.TPB.Builder, [48](#)
 - Build, [49](#)
 - BuildAll, [49](#)
 - BuildAllCLI, [50](#)
 - BuildCLI, [50](#)
 - BuildTPS, [50](#)
 - CurrentBuildTarget, [51](#)
 - MethodAfterBuild, [50](#)
 - MethodAfterBuilding, [50](#)
 - MethodBeforeBuild, [50](#)
 - MethodBeforeBuilding, [51](#)
 - SayHello, [51](#)
- Crosstales.TPB.EditorIntegration, [9](#)
- Crosstales.TPB.EditorIntegration.ConfigBase, [61](#)
- Crosstales.TPB.EditorIntegration.ConfigPreferences, [62](#)
- Crosstales.TPB.EditorIntegration.ConfigWindow, [63](#)
- Crosstales.TPB.EditorTask, [10](#)
- Crosstales.TPB.EditorTask.CompileDefines, [51](#)
- Crosstales.TPB.Example, [10](#)
- Crosstales.TPB.Example.TPBMenu, [119](#)
- Crosstales.TPB.Task, [10](#)
 - UpdateStatus, [10](#)
- Crosstales.TPB.Task.Launch, [104](#)
- Crosstales.TPB.Task.SetupResources, [114](#)
- Crosstales.TPB.Task.UpdateCheck, [120](#)
- Crosstales.TPB.Util, [11](#)
- Crosstales.TPB.Util.Config, [52](#)
 - ADD_DATE_TO_PATH, [54](#)
 - ADD_NAME_TO_PATH, [55](#)
 - ARCH_LINUX, [55](#)
 - ARCH_WINDOWS, [55](#)
 - ASSET_PATH, [61](#)
 - BO_DEVELOPMENT, [55](#)
 - BO_PROFILER, [55](#)
 - BO_SCRIPTDEBUG, [55](#)
 - BO_SHOW_BUILT_PLAYER, [56](#)
 - CONFIRM_BUILD, [56](#)
 - CUSTOM_PATH_BUILD, [56](#)
 - DEBUG, [56](#)
 - DELETE_LOCKFILE, [56](#)
 - EXECUTE_METHOD_POST_BUILD, [56](#)
 - EXECUTE_METHOD_POST_BUILDING, [57](#)
 - EXECUTE_METHOD_PRE_BUILD, [57](#)
 - EXECUTE_METHOD_PRE_BUILDING, [57](#)
 - isLoaded, [57](#)
 - Load, [54](#)
 - PLATFORM_3DS, [57](#)
 - PLATFORM_ANDROID, [57](#)
 - PLATFORM_IOS, [58](#)
 - PLATFORM_LINUX, [58](#)
 - PLATFORM_MAC, [58](#)

- PLATFORM_PS4, [58](#)
- PLATFORM_PSP2, [58](#)
- PLATFORM_SWITCH, [58](#)
- PLATFORM_TVOS, [59](#)
- PLATFORM_WEBGL, [59](#)
- PLATFORM_WIIU, [59](#)
- PLATFORM_WINDOWS, [59](#)
- PLATFORM_WSA, [59](#)
- PLATFORM_XBOXONE, [59](#)
- Reset, [54](#)
- Save, [54](#)
- SHOW_COLUMN_ARCHITECTURE, [60](#)
- SHOW_COLUMN_PLATFORM, [60](#)
- SHOW_COLUMN_PLATFORM_LOGO, [60](#)
- TEX_ANDROID, [60](#)
- UPDATE_CHECK, [60](#)
- VCS, [60](#)
- Crosstales.TPB.Util.Constants, [63](#)
 - ASSET_3P_ROCKTOMATE, [66](#)
 - ASSET_API_URL, [66](#)
 - ASSET_BUILD, [66](#)
 - ASSET_CHANGED, [66](#)
 - ASSET_CONTACT, [67](#)
 - ASSET_CREATED, [67](#)
 - ASSET_FORUM_URL, [67](#)
 - ASSET_ID, [69](#)
 - ASSET_MANUAL_URL, [67](#)
 - ASSET_NAME, [67](#)
 - ASSET_NAME_SHORT, [67](#)
 - ASSET_PRO_URL, [68](#)
 - ASSET_UID, [69](#)
 - ASSET_UPDATE_CHECK_URL, [68](#)
 - ASSET_URL, [69](#)
 - ASSET_VERSION, [68](#)
 - ASSET_WEB_URL, [68](#)
 - PATH, [68](#)
- Crosstales.TPB.Util.CTLogger, [69](#)
- Crosstales.TPB.Util.Helper, [99](#)
 - BuildInfo, [101](#)
 - DeleteBuilds, [101](#)
 - hasActiveArchitecturePlatforms, [101](#)
 - hasActiveScenes, [102](#)
 - hasBuild, [102](#)
 - ProcessBuildPipeline, [101](#)
 - ScenePaths, [102](#)
 - SetupVCS, [101](#)
 - TargetLinux, [102](#)
 - TargetMac, [103](#)
 - Targets, [103](#)
 - TargetWindows, [103](#)
- CTAddRange< K, V >
 - Crosstales.ExtensionMethods, [85](#)
- CTContains
 - Crosstales.ExtensionMethods, [85](#)
- CTContainsAll
 - Crosstales.ExtensionMethods, [86](#)
- CTContainsAny
 - Crosstales.ExtensionMethods, [86](#)
- CTDeepSearch
 - Crosstales.ExtensionMethods, [86](#)
- CTDump
 - Crosstales.ExtensionMethods, [87–89](#)
- CTDump< K, V >
 - Crosstales.ExtensionMethods, [91](#)
- CTDump< T >
 - Crosstales.ExtensionMethods, [91](#), [92](#)
- CTEquals
 - Crosstales.ExtensionMethods, [92](#)
- CTIsNumeric
 - Crosstales.ExtensionMethods, [92](#)
- CTIsVisibleFrom
 - Crosstales.ExtensionMethods, [93](#)
- CTReplace
 - Crosstales.ExtensionMethods, [93](#)
- CTReverse
 - Crosstales.ExtensionMethods, [94](#)
- CTShuffle< T >
 - Crosstales.ExtensionMethods, [94](#)
- CTToString< T >
 - Crosstales.ExtensionMethods, [95](#)
- CTToTitleCase
 - Crosstales.ExtensionMethods, [95](#)
- CurrentBuildTarget
 - Crosstales.TPB.Builder, [51](#)
- CurrentPlatform
 - Crosstales.Common.Util.BaseHelper, [41](#)
- CUSTOM_PATH_BUILD
 - Crosstales.TPB.Util.Config, [56](#)
- DEBUG
 - Crosstales.TPB.Util.Config, [56](#)
- DELETE_LOCKFILE
 - Crosstales.TPB.Util.Config, [56](#)
- DeleteAll
 - Crosstales.Common.Util.CTPlayerPrefs, [71](#)
- DeleteBuilds
 - Crosstales.TPB.Util.Helper, [101](#)
- DeleteKey
 - Crosstales.Common.Util.CTPlayerPrefs, [71](#)
- DeserializeFromByteArray< T >
 - Crosstales.Common.Util.SerializeDeSerialize, [112](#)
- DeserializeFromFile< T >
 - Crosstales.Common.Util.SerializeDeSerialize, [113](#)
 - Crosstales.Common.Util.XmlHelper, [121](#)
- DeserializeFromResource< T >
 - Crosstales.Common.Util.XmlHelper, [121](#)
- DeserializeFromString< T >
 - Crosstales.Common.Util.XmlHelper, [122](#)
- DEV_DEBUG
 - Crosstales.Common.Util.BaseConstants, [21](#)
- DontDestroy
 - Crosstales.Common.Util.SurviveSceneSwitch, [117](#)
- EXECUTE_METHOD_POST_BUILD
 - Crosstales.TPB.Util.Config, [56](#)
- EXECUTE_METHOD_POST_BUILDING
 - Crosstales.TPB.Util.Config, [57](#)

- EXECUTE_METHOD_PRE_BUILD
 - Crosstales.TPB.Util.Config, [57](#)
- EXECUTE_METHOD_PRE_BUILDING
 - Crosstales.TPB.Util.Config, [57](#)
- ExitCode
 - Crosstales.Common.Util.CTProcess, [78](#)
- ExitTime
 - Crosstales.Common.Util.CTProcess, [78](#)
- FACTOR_GB
 - Crosstales.Common.Util.BaseConstants, [21](#)
- FACTOR_KB
 - Crosstales.Common.Util.BaseConstants, [21](#)
- FACTOR_MB
 - Crosstales.Common.Util.BaseConstants, [21](#)
- FastMovementSpeed
 - Crosstales.Common.Util.FreeCam, [98](#)
- FastZoomSensitivity
 - Crosstales.Common.Util.FreeCam, [98](#)
- FileCopy
 - Crosstales.Common.Util.BaseHelper, [35](#)
- FileName
 - Crosstales.Common.Util.CTProcessStartInfo, [80](#)
- FindAssetsByType< T >
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [27](#)
- FLOAT_32768
 - Crosstales.Common.Util.BaseConstants, [21](#)
- FLOAT_TOLERANCE
 - Crosstales.Common.Util.BaseConstants, [22](#)
- FORMAT_NO_DECIMAL_PLACES
 - Crosstales.Common.Util.BaseConstants, [22](#)
- FORMAT_PERCENT
 - Crosstales.Common.Util.BaseConstants, [22](#)
- FORMAT_TWO_DECIMAL_PLACES
 - Crosstales.Common.Util.BaseConstants, [22](#)
- FormatBytesToHRF
 - Crosstales.Common.Util.BaseHelper, [35](#)
- FormatSecondsToHourMinSec
 - Crosstales.Common.Util.BaseHelper, [35](#)
- FreeLookSensitivity
 - Crosstales.Common.Util.FreeCam, [98](#)
- Gain
 - Crosstales.Common.Util.SpectrumVisualizer, [116](#)
- GetBool
 - Crosstales.Common.Util.CTPlayerPrefs, [71](#)
- getBuildNameFromBuildTarget
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [27](#)
- getBuildTargetForBuildName
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [28](#)
- getCLIArgument
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [28](#)
- GetDate
 - Crosstales.Common.Util.CTPlayerPrefs, [71](#)
- GetDirectories
 - Crosstales.Common.Util.BaseHelper, [35](#)
- GetFiles
 - Crosstales.Common.Util.BaseHelper, [36](#)
- GetFloat
 - Crosstales.Common.Util.CTPlayerPrefs, [72](#)
- GetInt
 - Crosstales.Common.Util.CTPlayerPrefs, [72](#)
- getIP
 - Crosstales.Common.Util.BaseHelper, [36](#)
- GetString
 - Crosstales.Common.Util.CTPlayerPrefs, [73](#)
- GrayScale
 - Crosstales.Common.Util.RandomColor, [107](#)
- Handle
 - Crosstales.Common.Util.CTProcess, [78](#)
- hasActiveArchitecturePlatforms
 - Crosstales.TPB.Util.Helper, [101](#)
- hasActiveClip
 - Crosstales.Common.Util.BaseHelper, [37](#)
- hasActiveScenes
 - Crosstales.TPB.Util.Helper, [102](#)
- hasBuild
 - Crosstales.TPB.Util.Helper, [102](#)
- HasExited
 - Crosstales.Common.Util.CTProcess, [78](#)
- HasKey
 - Crosstales.Common.Util.CTPlayerPrefs, [73](#)
- HSVToRGB
 - Crosstales.Common.Util.BaseHelper, [37](#)
- HueRange
 - Crosstales.Common.Util.RandomColor, [107](#)
- Id
 - Crosstales.Common.Util.CTProcess, [78](#)
- InvokeMethod
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [28](#)
- isAndroidPlatform
 - Crosstales.Common.Util.BaseHelper, [41](#)
- isAppleBasedPlatform
 - Crosstales.Common.Util.BaseHelper, [42](#)
- isBusy
 - Crosstales.Common.Util.CTProcess, [78](#)
- isEditor
 - Crosstales.Common.Util.BaseHelper, [42](#)
- isEditorMode
 - Crosstales.Common.Util.BaseHelper, [42](#)
- isIL2CPP
 - Crosstales.Common.Util.BaseHelper, [42](#)
- isInternetAvailable
 - Crosstales.Common.Util.BaseHelper, [43](#)
- isIOSBasedPlatform
 - Crosstales.Common.Util.BaseHelper, [43](#)
- isIOSPlatform
 - Crosstales.Common.Util.BaseHelper, [43](#)
- isLinuxEditor
 - Crosstales.Common.Util.BaseHelper, [43](#)
- isLinuxPlatform

Crosstales.Common.Util.BaseHelper, [44](#)
 isLoading
 Crosstales.TPB.Util.Config, [57](#)
 isMacOSEditor
 Crosstales.Common.Util.BaseHelper, [44](#)
 isMacOSPlatform
 Crosstales.Common.Util.BaseHelper, [44](#)
 isPS4Platform
 Crosstales.Common.Util.BaseHelper, [44](#)
 isStandalonePlatform
 Crosstales.Common.Util.BaseHelper, [45](#)
 isTvOSPlatform
 Crosstales.Common.Util.BaseHelper, [45](#)
 isValidBuildTarget
 Crosstales.Common.EditorUtil.BaseEditorHelper,
 [29](#)
 isValidURL
 Crosstales.Common.Util.BaseHelper, [37](#)
 isWebGLPlatform
 Crosstales.Common.Util.BaseHelper, [45](#)
 isWebPlatform
 Crosstales.Common.Util.BaseHelper, [45](#)
 isWindowsBasedPlatform
 Crosstales.Common.Util.BaseHelper, [46](#)
 isWindowsEditor
 Crosstales.Common.Util.BaseHelper, [46](#)
 isWindowsPlatform
 Crosstales.Common.Util.BaseHelper, [46](#)
 isWSABasedPlatform
 Crosstales.Common.Util.BaseHelper, [46](#)
 isWSAPlatform
 Crosstales.Common.Util.BaseHelper, [47](#)
 isXboxOnePlatform
 Crosstales.Common.Util.BaseHelper, [47](#)

 KeyCode
 Crosstales.Common.Util.TakeScreenshot, [119](#)
 Kill
 Crosstales.Common.Util.CTPProcess, [76](#), [77](#)

 LeftToRight
 Crosstales.Common.Util.SpectrumVisualizer, [116](#)
 lineEndingsRegex
 Crosstales.Common.Util.BaseHelper, [41](#)
 Load
 Crosstales.TPB.Util.Config, [54](#)

 Material
 Crosstales.Common.Util.RandomColor, [107](#)
 MethodAfterBuild
 Crosstales.TPB.Builder, [50](#)
 MethodAfterBuilding
 Crosstales.TPB.Builder, [50](#)
 MethodBeforeBuild
 Crosstales.TPB.Builder, [50](#)
 MethodBeforeBuilding
 Crosstales.TPB.Builder, [51](#)
 MovementSpeed
 Crosstales.Common.Util.FreeCam, [99](#)

Objects
 Crosstales.Common.Util.BackgroundController, [13](#)
 OpenFile
 Crosstales.Common.Util.BaseHelper, [38](#)

 PATH
 Crosstales.TPB.Util.Constants, [68](#)
 PATH_DELIMITER_UNIX
 Crosstales.Common.Util.BaseConstants, [22](#)
 PATH_DELIMITER_WINDOWS
 Crosstales.Common.Util.BaseConstants, [22](#)
 Platform
 Crosstales.Common.Model.Enum, [8](#)
 PLATFORM_3DS
 Crosstales.TPB.Util.Config, [57](#)
 PLATFORM_ANDROID
 Crosstales.TPB.Util.Config, [57](#)
 PLATFORM_IOS
 Crosstales.TPB.Util.Config, [58](#)
 PLATFORM_LINUX
 Crosstales.TPB.Util.Config, [58](#)
 PLATFORM_MAC
 Crosstales.TPB.Util.Config, [58](#)
 PLATFORM_PS4
 Crosstales.TPB.Util.Config, [58](#)
 PLATFORM_PSP2
 Crosstales.TPB.Util.Config, [58](#)
 PLATFORM_SWITCH
 Crosstales.TPB.Util.Config, [58](#)
 PLATFORM_TVOS
 Crosstales.TPB.Util.Config, [59](#)
 PLATFORM_WEBGL
 Crosstales.TPB.Util.Config, [59](#)
 PLATFORM_WIIU
 Crosstales.TPB.Util.Config, [59](#)
 PLATFORM_WINDOWS
 Crosstales.TPB.Util.Config, [59](#)
 PLATFORM_WSA
 Crosstales.TPB.Util.Config, [59](#)
 PLATFORM_XBOXONE
 Crosstales.TPB.Util.Config, [59](#)
 Platforms
 Crosstales.Common.Util.PlatformController, [105](#)
 Prefix
 Crosstales.Common.Util.TakeScreenshot, [119](#)
 PREFIX_FILE
 Crosstales.Common.Util.BaseConstants, [25](#)
 PROCESS_KILL_TIME
 Crosstales.Common.Util.BaseConstants, [23](#)
 ProcessBuildPipeline
 Crosstales.TPB.Util.Helper, [101](#)

 ReadOnlyTextField
 Crosstales.Common.EditorUtil.BaseEditorHelper,
 [29](#)
 RedirectStandardError
 Crosstales.Common.Util.CTPProcessStartInfo, [81](#)
 RedirectStandardOutput
 Crosstales.Common.Util.CTPProcessStartInfo, [81](#)

- RefreshAssetDatabase
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [29](#)
- RemoteCertificateValidationCallback
 - Crosstales.Common.Util.BaseHelper, [38](#)
- RemoveSymbolsFromAllTargets
 - Crosstales.Common.EditorTask.BaseCompileDefinesSHOW_FB_BANNER [15](#)
- Reset
 - Crosstales.TPB.Util.Config, [54](#)
- RestartUnity
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [29](#)
- SampleRate
 - Crosstales.Common.Model.Enum, [8](#)
- Samples
 - Crosstales.Common.Util.FFTAnalyzer, [96](#)
- SaturationRange
 - Crosstales.Common.Util.RandomColor, [107](#)
- Save
 - Crosstales.Common.Util.CTPlayerPrefs, [73](#)
 - Crosstales.TPB.Util.Config, [54](#)
- SayHello
 - Crosstales.TPB.Builder, [51](#)
- Scale
 - Crosstales.Common.Util.TakeScreenshot, [119](#)
- ScaleMax
 - Crosstales.Common.Util.RandomScaler, [110](#)
- ScaleMin
 - Crosstales.Common.Util.RandomScaler, [111](#)
- ScenePaths
 - Crosstales.TPB.Util.Helper, [102](#)
- SeparatorUI
 - Crosstales.Common.EditorUtil.BaseEditorHelper, [30](#)
- SerializeToByteArray< T >
 - Crosstales.Common.Util.SerializeDeSerialize, [113](#)
- SerializeToFile< T >
 - Crosstales.Common.Util.SerializeDeSerialize, [113](#)
 - Crosstales.Common.Util.XmlHelper, [122](#)
- SerializeToString< T >
 - Crosstales.Common.Util.XmlHelper, [122](#)
- SetBool
 - Crosstales.Common.Util.CTPlayerPrefs, [73](#)
- SetDate
 - Crosstales.Common.Util.CTPlayerPrefs, [74](#)
- SetFloat
 - Crosstales.Common.Util.CTPlayerPrefs, [74](#)
- SetInt
 - Crosstales.Common.Util.CTPlayerPrefs, [74](#)
- SetString
 - Crosstales.Common.Util.CTPlayerPrefs, [75](#)
- SetupVCS
 - Crosstales.TPB.Util.Helper, [101](#)
- SHOW_BWF_BANNER
 - Crosstales.Common.Util.BaseConstants, [23](#)
- SHOW_COLUMN_ARCHITECTURE
 - Crosstales.TPB.Util.Config, [60](#)
- SHOW_COLUMN_PLATFORM
 - Crosstales.TPB.Util.Config, [60](#)
- SHOW_COLUMN_PLATFORM_LOGO
 - Crosstales.TPB.Util.Config, [60](#)
- SHOW_DJ_BANNER
 - Crosstales.Common.Util.BaseConstants, [23](#)
- SHOW_FB_BANNER
 - Crosstales.Common.Util.BaseConstants, [23](#)
- SHOW_OC_BANNER
 - Crosstales.Common.Util.BaseConstants, [23](#)
- SHOW_RADIO_BANNER
 - Crosstales.Common.Util.BaseConstants, [23](#)
- SHOW_RTV_BANNER
 - Crosstales.Common.Util.BaseConstants, [24](#)
- SHOW_TB_BANNER
 - Crosstales.Common.Util.BaseConstants, [24](#)
- SHOW_TPB_BANNER
 - Crosstales.Common.Util.BaseConstants, [24](#)
- SHOW_TPS_BANNER
 - Crosstales.Common.Util.BaseConstants, [24](#)
- SHOW_TR_BANNER
 - Crosstales.Common.Util.BaseConstants, [24](#)
- ShowFileLocation
 - Crosstales.Common.Util.BaseHelper, [38](#)
- SpeedMax
 - Crosstales.Common.Util.RandomRotator, [109](#)
- SpeedMin
 - Crosstales.Common.Util.RandomRotator, [109](#)
- SplitStringToLines
 - Crosstales.Common.Util.BaseHelper, [39](#)
- StandardError
 - Crosstales.Common.Util.CTProcess, [79](#)
- StandardErrorEncoding
 - Crosstales.Common.Util.CTProcessStartInfo, [81](#)
- StandardOutput
 - Crosstales.Common.Util.CTProcess, [79](#)
- StandardOutputEncoding
 - Crosstales.Common.Util.CTProcessStartInfo, [81](#)
- Start
 - Crosstales.Common.Util.CTProcess, [77](#)
- StartInfo
 - Crosstales.Common.Util.CTProcess, [79](#)
- StartLooking
 - Crosstales.Common.Util.FreeCam, [98](#)
- StartTime
 - Crosstales.Common.Util.CTProcess, [79](#)
- StopLooking
 - Crosstales.Common.Util.FreeCam, [98](#)
- StreamingAssetsPath
 - Crosstales.Common.Util.BaseHelper, [47](#)
- Survivors
 - Crosstales.Common.Util.SurviveSceneSwitch, [117](#)
- TargetLinux
 - Crosstales.TPB.Util.Helper, [102](#)
- TargetMac
 - Crosstales.TPB.Util.Helper, [103](#)
- Targets
 - Crosstales.TPB.Util.Helper, [103](#)

TargetWindows
 Crosstales.TPB.Util.Helper, [103](#)

TEX_ANDROID
 Crosstales.TPB.Util.Config, [60](#)

Timeout
 Crosstales.Common.Util.CTWebClient, [83](#)

Uniform
 Crosstales.Common.Util.RandomScaler, [111](#)

UPDATE_CHECK
 Crosstales.TPB.Util.Config, [60](#)

UpdateStatus
 Crosstales.TPB.Task, [10](#)

UseCmdExecute
 Crosstales.Common.Util.CTProcessStartInfo, [81](#)

UseInterval
 Crosstales.Common.Util.RandomColor, [107](#)
 Crosstales.Common.Util.RandomRotator, [109](#)
 Crosstales.Common.Util.RandomScaler, [111](#)

UseShellExecute
 Crosstales.Common.Util.CTProcessStartInfo, [81](#)

UseThread
 Crosstales.Common.Util.CTProcessStartInfo, [82](#)

ValidateFile
 Crosstales.Common.Util.BaseHelper, [39](#)

ValidatePath
 Crosstales.Common.Util.BaseHelper, [39](#)

ValidURLFromFilePath
 Crosstales.Common.Util.BaseHelper, [40](#)

ValueRange
 Crosstales.Common.Util.RandomColor, [108](#)

VCS
 Crosstales.TPB.Util.Config, [60](#)

VisualPrefab
 Crosstales.Common.Util.SpectrumVisualizer, [116](#)

Width
 Crosstales.Common.Util.SpectrumVisualizer, [116](#)

WorkingDirectory
 Crosstales.Common.Util.CTProcessStartInfo, [82](#)

ZoomSensitivity
 Crosstales.Common.Util.FreeCam, [99](#)