

zSpace ZSCore 3.0.1 Migration Guide

Coordinate Spaces

The coordinate spaces used by the zSpace ZSCore Unity package have changed. For example, viewer scale (formerly called world scale) is now incorporated into the Camera Space transformation. Please refer to [zSpace Coordinate Systems](#) for additional details about changes to the coordinate spaces.

API Changes

The following sections map functions from version 2.x to version 3.0.1.

Properties

Version 2.x	Version 3.0.1	Comments
EnableHeadTracking	Removed	Use EnableTracking or SetTrackerTargetEnabled()
EnableStylusTracking	Removed	Use EnableTracking or SetTrackerTargetEnabled()
WorldScale	ViewerScale	

Display Functions

Version 2.x	Version 3.0.1	Comments
GetDisplayOffset()	GetDisplayOffset()	Deprecated. Use inverse of GetCameraOffset() instead.
GetDisplayAngle()	GetDisplayAngle()	Pitch is now reported as 30 degrees instead of -60 degrees. The return value is now a Vector3 instead of a Vector2.

Window Functions

Version 2.x	Version 3.0.1	Comments
GetWindowX()	GetViewportPosition()	
GetWindowY()	GetViewportPosition()	
GetWindowWidth()	GetViewportSize()	
GetWindowHeight()	GetViewportSize()	

Stereo Frustum Functions

Version 2.x	Version 3.0.1	Comments
SetStereoLevel()	Removed	Use SetInterpupillaryDistance() to define stereo separation instead. For most people, a distance of 0.06 meters is equivalent to the stereo level of 1. A distance of 0 is the same as a stereo level of 0. To set a reduced stereo level, such as .5, you can multiply the current interpupillary distance by the desired stereo level and use that value for the new interpupillary distance. For example, new distance = 0.06 * 0.5
GetStereoLevel()	Removed	
SetWorldScale()	SetViewerScale()	
GetWorldScale()	GetViewerScale()	
SetZeroParallaxOffset()	Removed	
GetZeroParallaxOffset()	Removed	

Tracking Functions

Version 2.x	Version 3.0.1	Comments
SetHeadTrackingEnabled()	SetTrackerTargetEnabled()	ZSCore.TrackerTargetType.Head
IsHeadTrackingEnabled()	IsTrackerTargetEnabled()	ZSCore.TrackerTargetType.Head
SetStylusTrackingEnabled()	SetTrackerTargetEnabled()	ZSCore.TrackerTargetType.Primary
IsStylustrackingEnabled()	IsTrackerTargetEnabled()	ZSCore.TrackerTargetType.Primary

Stylus LED Functions

Version 2.x	Version 3.0.1	Comments
SetStylusLedEnabled()	SetTrackerTargetLedEnabled()	ZSCore.TrackerTargetType.Primary
IsStylusLedEnabled()	IsTrackerTargetLedEnabled()	ZSCore.TrackerTargetType.Primary
SetStylusLedColor()	SetTrackerTargetLedColor()	ZSCore.TrackerTargetType.Primary
GetStylusLedColor()	GetTrackerTargetLedColor()	ZSCore.TrackerTargetType.Primary

Stylus Vibration Functions

Version 2.x	Version 3.0.1	Comments
SetStylusVibrationEnabled()	SetTrackerTargetVibrationEnabled()	ZSCore.TrackerTargetType.Primary
IsStylusVibrationEnabled()	IsTrackerTargetVibrationEnabled()	ZSCore.TrackerTargetType.Primary
SetStylusVibrationOnPeriod()	Removed	Pass in as parameter to StartTrackerTargetVibration().
GetStylusVibrationOnPeriod()	Removed	
SetStylusVibrationOffPeriod()	Removed	Pass in as parameter to StartTrackerTargetVibration().
GetStylusVibrationOffPeriod()	Removed	
SetStylusVibrationRepeatCount()	Removed	Pass in as parameter to StartTrackerTargetVibration().
GetStylusVibrationRepeatCount()	Removed	
StartStylusVibration()	StartTrackerTargetVibration()	
StopStylusVibration()	StopTrackerTargetVibration()	

Tracker Target Functions

Version 2.x	Version 3.0.1	Comments
IsTrackerTargetPoseValid()	IsTrackerTargetVisible()	

Coordinate Space Functions

Version 2.x	Version 3.0.1	Comments
GetViewportOffset()	GetViewportOffset()	Deprecated. Use GetCoordinateSpaceTransform() instead.
GetTrackerToCameraSpaceTransform()	GetTrackerToCameraSpaceTransform()	Deprecated. Use GetCoordinateSpaceTransform() instead.