

Release 3.6.0: webvis Migration-Guide

Migration Guide

This release includes several API cleanups, refactorings and changes which will be addressed in the following. The document includes general information about the changes necessary for the migration and a detailed list of API changes.

The global webvis-object

The global webvis-object did not conform with best practices and lead to questions regarding its usage as it was a namespace and an automatically created instance of the ContextAPI at the same time.

In this version we improve the design of the API by strictly separating the webvis-namespace and the instantiation of the ContextAPI.

The global webvis-object now acts as a pure namespace to group all webvis-related types, enumerations, events and functions to create and retrieve instances of the ContextAPI.

```
/**
 * Simple example which creates a Context and a Viewer and adds a Model.
 */
const myContext : webvis.ContextAPI = await webvis.requestContext("myContext"),
      myViewer   : webvis.ViewerAPI   = myContext.createViewer("myViewer", myCanvasElement),
      myModel    : number             = myContext.add("urn:x-13d:shape:418");

myContext.setProperty(myModel, webvis.Property.ENABLED, true);
```

The Legacy Mode

To reduce migration efforts after the upgrade unaltered applications will automatically run in legacy mode, which emulates the previous versions' behavior of the global webvis-object.

Nonetheless, it is recommended to migrate as soon as possible, as the legacy mode is not best practice and will not be supported in the long term.

To disable the legacy mode the keyword "next" can be attached as an URL parameter to the URL of the webvis-library:

```
<script src="https://{HUB_URL}/repo/webvis/webvis.js?next"></script>
```

The global webvisUI-Object

For better separation of concerns UI-related functionality was split from the core API. Besides the global webvis-object which comes from webvis-core, an additional global webvisUI-object which comes from the webvis ui was introduced and provides various UI-related functionalities e.g. changing UISettings, open dialogs, etc.

More information is available in the [documentation](#).

Working with webvis WebComponents

If using one of the provided WebComponents (e.g. <webvis-full> or <webvis-viewer>), the underlying instances of the ContextAPI and the ViewerAPI can be requested directly.

```
const theContext : webvis.ContextAPI = await document.querySelector("webvis-viewer").requestContext();

const theViewer : webvis.ViewerAPI = await document.querySelector("webvis-viewer").requestViewer();
```

glMatrix

To not be dependent on a particular math library, glMatrix is not included in the webvisAPI anymore. This makes it possible to use any desired library. To further use glMatrix the library has to be included additionally, either by the node module (<https://www.npmjs.com/package/gl-matrix>) or linked directly from the source (<https://glmatrix.net/>).

General notice

Drawings as first-class Objects

The new first-class object "Drawing" has been introduced to replace the previously used CustomNode of subtype "webvisPaint". This makes it possible to access and change these mark-ups on an API layer. See new [DrawingAPI](#).

No automatic generated name property

If the property "name" of our first-class objects (ClipPlanes, Snapshots, etc.) is not specified at creation time, it is no longer set to an automatically generated string (e.g. "ClipPlane 1"). This functionality must be handled by the application now.

Per App configurations

To simplify per app configurations, the current version is now looking for a webvis.config.json file located next to the application.

webvis configuration

In order to accommodate a better separation of API domains, webvis' settings were split up into different categories and a new application-specific configuration file was added for additional customization. Learn more in the [configuration tutorial](#).

LocalStorage

Changes to specific settings via API are no longer stored automatically in the browsers' local storage. Storing and restoring of changed settings must be handled by the application now.

API changes

The following tables contain API changes which might be subject for migration efforts. Most alterations were performed to provide a more streamlined experience when working with the API and come only with minimal need for manual intervention from application developers.

This includes general renaming and moving of enum members to be consistent with the other enums. Furthermore, several signature changes are listed. We recommend using the provided webvis.d.ts and webvis.ui.d.ts types combined with the typescript compiler to ease the migration of signatures.

Legend:

Changed	Removed
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Globals

Function name	Description
webvisContext	Replaced by getContext
webvisViewer	Replaced by ContextAPI.getViewer

ContextAPI

Function name	Description
changeSetting	changeSetting no longer takes additional attributes or the persistent flag as third and fourth parameters, as persistent settings must now be implemented in the application logic.
collectL3DResourcesWithAuxStructure	Replaced by InstanceGraphAPI.requestAuxRootNodeIds
connectToSession	The third and fourth parameter of this function are no longer supported.
createBoxVolume	Both parameters must now be supplied as tuples of three numbers instead of typed arrays (Float32Array).
createClippingRoom	This function no longer returns a number. Referring to the created object happens implicitly when changeClippingRoom or removeClippingRoom is called since there can be at most one clipping room at a time.
getCurrentSceneVolume	Replaced by InstanceGraphAPI.requestActiveSceneVolume
getFullSceneVolume	Replaced by InstanceGraphAPI.requestFullSceneVolume
getID	Replaced by ContextAPI.getName
getL3DResourceID	Replaced by InstanceGraphAPI.getRootNodeID
getRenderSetupList	Replaced by HubAPI.requestSupportedRenderSetups
getResourceRootID	Replaced by InstanceGraphAPI.getRootNodeID
requestContentTypes	Replaced by HubAPI.requestSupportedContentTypes
remove	The second parameter "silent" is no longer supported, as removing nodes without triggering the event can lead to unforeseeable issues.
requestL3DResourceData	Replaced by InstanceGraphAPI.requestL3DInformation
requestResource	Replaced by SessionStorageAPI.importSession
setEnabledLayerFilters	Replaced by LayerFilterAPI.setLayerFilterEnabled
storeSession	This function no longer supports passing user-defined tags to be stored with the session as the first argument. Additionally, the function passed as a callback parameter is expected to handle parameters individually instead of as a complex object.
takeScreenshot	Replaced by ViewerAPI.requestScreenshot
exportSession	Not supported in webvis anymore.
addTranslation	Not supported in webvis anymore.
appendURL	Can be implemented with standard JS functions.
boxVolumeToString	You can replace this function by the following code: <code>Arrays.toString(boxVolumeArray)</code>
clearSnapshots	Replaced by SnapshotAPI.getSnapshots().forEach(s => SnapshotAPI.removeSnapshot(s))
copyToClipboard	Can be implemented with standard JS functions.
createCollectionFromQueryString	Not supported in webvis anymore.
createWebSocket	Can be implemented with standard JS functions.
doRequest	Can be implemented with standard JS functions.
fetchContent	Can be implemented with standard JS functions.
getAllInteractionData	Not supported in webvis anymore.
getBoosterConnectionState	Not supported in webvis anymore.
getDataInfoValue	Not supported in webvis anymore.
getFileSuffix	Can be implemented with standard JS functions.
getInteractionDataCount	Not supported in webvis anymore.

Function name	Description
getInteractionProgress	Not supported in webvis anymore.
getInteractionSubMode	Not supported in webvis anymore.
getLastInteractionData	Not supported in webvis anymore.
getLastSelectedNodeID	Not supported in webvis anymore.
getResourceEndpointURL	Not supported in webvis anymore.
getSessionDurationString	Not supported in webvis anymore.
getSessionPingCount	Not supported in webvis anymore.
getSettingKeys	Not supported in webvis anymore, see Enum " SettingStrings " and " ViewerSettingStrings " for full list.
getSnappingFilters	Not supported in webvis anymore.
getSnapshotCount	Use instead: SnapshotAPI.getSnapshots().length
getUnitConversionValues	Not supported in webvis anymore.
getWebvisLocation	Not supported in webvis anymore.
induceEvent	Not supported in webvis anymore.
initDownload	Not supported in webvis anymore.
isFeatureEnabled	Not supported in webvis anymore.
isServiceAvailable	Not supported in webvis anymore.
isSessionStorageAvailable	Not supported in webvis anymore.
loadScenario	Not supported in webvis anymore.
postDebug	Not supported in webvis anymore.
postError	Not supported in webvis anymore.
postFatal	Not supported in webvis anymore.
postInfo	Not supported in webvis anymore.
postTrace	Not supported in webvis anymore.
postWarning	Not supported in webvis anymore.
processInteractionClickInput	Not supported in webvis anymore.
processInteractionFromInputState	Not supported in webvis anymore.
readSettingAttributes	Not supported in webvis anymore.
removeInteractionData	Not supported in webvis anymore.
removeLastInteractionData	Not supported in webvis anymore.
requestContextMenu	Not supported in webvis anymore.
requestDerivedSessionToken	Not supported in webvis anymore.
requestExternalTopologyID	Not supported in webvis anymore.
requestResourceLinks	Not supported in webvis anymore.
requestResourceShapeInstanceRange	Not supported in webvis anymore.
requestSelectorsForExternalTopologyID	Not supported in webvis anymore.
requestService	Not supported in webvis anymore.
requestShapeData	Not supported in webvis anymore.
requestStoredSessionHandles	Not supported in webvis anymore.
requestUserData	Not supported in webvis anymore.
resetInteractionProgress	Not supported in webvis anymore.
resolve	Not supported in webvis anymore.
sendFeedback	Not supported in webvis anymore.
sendToBooster	Not supported in webvis anymore.
sendToService	Not supported in webvis anymore.
setInteractionProgress	Not supported in webvis anymore.
setLastSelectedNodeID	Not supported in webvis anymore.
toSemanticUnit	Not supported in webvis anymore.
toUnit	Not supported in webvis anymore.
translate	Not supported in webvis anymore.

ViewerAPI

Function name	Description
getValidTransformationGizmoModes	Replaced by ViewerGizmoAPI.getAvailableGizmoTransformationModes .
setTransformationGizmoMode	Replaced by ViewerGizmoAPI.setGizmoTransformationMode .
fitToClipPlane	The previous behavior can be replicated by invoking ViewerAPI.fitView with the normal of the clip plane and a fitting up vector. Originally, this function also set the projection type to an orthographic projection which can be recreated by invoking ViewerAPI.changeSetting with ViewerSettingStrings.PROJECTION_TYPE and CameraProjectionType.ORTHOGRAPHIC .
getAvailableRenderingEffects	The available render effects “colorize”, “silhouette”, and “exclusive silhouette” were moved to the Viewer settings.
getAvailableRenderingSettings	The available render setting “screen space AntiAliasing” was moved to the ViewerSettings.
setCursorMode	The cursor mode is internally chosen to reflect the current interaction mode and provide optimal user feedback. We do not recommend changing the cursor mode of the canvas manually. For styling your own UI elements, please see the cursor property of CSS.
startAreaSelection	Area selection can now be accessed jointly with other modes of interaction through the InteractionAPI. You can find the area selection mode as the member AREA_SELECTION of the InteractionMode enumeration.

Events

Class name	Description
CustomTreeIconClickedEvent	UI logic was removed from the core API and transferred into UI components. Based on the API webvis provides you can build custom UI components.
CustomUIRequestEvent	UI logic was removed from the core API and transferred into UI components. Based on the API webvis provides you can build custom UI components.
DownloadCountEvent	Please be directed to the ProgressChangedEvent which allows for introspection into various download statistics.
JobAddErrorEvent	Not supported in webvis anymore.
RenderSetupRequestEvent	This event is not exposed anymore as it has become internal UI logic. You can still listen for the ViewerSettingChangedEvent in combination with the RENDER_SETUP key in order to listen for changes to the render setup.
ScenarioLoadedEvent	Not supported in webvis anymore.
ServiceRequestEvent	Not supported in webvis anymore.
UpdateStateErrorEvent	Not supported in webvis anymore.
UpdateStateCountEvent	Not supported in webvis anymore.
WebVisReadyEvent	You can start interacting with the webvis API as soon as the script is loaded. For this you can use the load event of the corresponding script tag. Please also see the ViewerCreatedEvent and addContextCreatedListener to react to viewer and context creations.
WebVisTranscoderCommandRequestEvent	Transcoder settings are an infrastructure-level configuration and are no longer exposed in webvis.

Enums

Member name	Description
ImageAdapterConnectionState	The ImageAdapterConnectionState was replaced by the more generic StreamConnectionState .
L3DResourceClientState	This enumeration was replaced by the string enum NodeResourceState .
TransformationGizmoMode	This enumeration was replaced by the string enum GizmoTransformationMode .
PropID	This enumeration was replaced by the string enum Property .
BoosterConnectionState	webvis no longer exposes this enumeration.
CursorMode	The cursor mode is internally chosen to reflect the current interaction mode and provide optimal user feedback. We do not recommend changing the cursor mode of the canvas manually. For styling your own UI elements, please see the cursor property of CSS.
Feature	Not supported in webvis anymore.
PrintLayout	This enumeration is now part of the webvisUI object .
PrintQuality	This enumeration is now part of the webvisUI object .
ProgressStatus	This enumeration was previously used when storing a session. The StoreSessionProgressCallback is now only called with primitive types making this enumeration obsolete.
SnappingTarget	webvis no longer exposes this enumeration.
WebVisConfigPriority	webvis no longer exposes this priority. More information regarding the configuration and order of configuration is available in a separate tutorial .
WebVisStateTarget	webvis no longer exposes this enumeration.

EventType

EventType	Description
CONTEXT_MENU_INTERACTION	Not supported in webvis anymore.
CUSTOM_TREE_ICON_CLICKED	See Events.
CUSTOM_UI_REQUEST	See Events.
DOWNLOAD_COUNT	See Events.
JOBADD_ERROR	See Events.
RENDER_SETUP_REQUEST	See Events.
SCENARIO_LOADED	See Events.
SERVICE_REQUEST	See Events.
TRANSCODER_COMMAND_REQUESTED	Not supported in webvis anymore.
UPDATESTATE_COUNT	See Events.
UPDATESTATE_ERROR	See Events.
WEBVIS_READY	See Events.

GizmoType

CLIP_PLANE	See below.
CLIP_ROOM_BOX	See below.
COR	See below.
NONE	See below.
ROTATION_SPHERE	See below.
SELECTION_BOX	See below.
TRANSFORMATION	See below.
TRANSFORMATION_BOX	See below.
ClippingBoxGizmo	Replaced by CLIP_ROOM_BOX
ClipPlaneGizmo	Replaced by CLIP_PLANE
CORGizmo	Replaced by COR
None	Replaced by NONE
RotationSphereGizmo	Replaced by ROTATION_SPHERE
SelectionBoxGizmo	Replaced by SELECTION_BOX
SelectionTransformationGizmo	Replaced by TRANSFORMATION_BOX

InteractionMode

Member name	Description
SELECTION_TRANSFORMATION	This mode was replaced by the newly added TRANSFORMATION mode.
MEASUREMENT	This mode is not supported anymore. Please use one of the newly added measurement modes instead.
SELECTION	This mode is not supported anymore. Please use the DEFAULT mode instead to perform individual selections.

InteractionModifier

Member name	Description
MULTI_SELECT	You can use InteractionModifier.ADD in order to add a target to your selection.

NavigationMode

Member name	Description
D_CAD_OLD	The implementation is superseded by the D_CAD navigation mode.

WorldMappingStatus

Member name	Description
Extending	The identifier was renamed to EXTENDING .
Limited	The identifier was renamed to LIMITED .
Mapped	The identifier was renamed to MAPPED .
NotAvailable	The identifier was renamed to NOT_AVAILABLE .
Unknown	The identifier was renamed to UNKNOWN .

SettingStrings

Member name	Description
AA_SETTING_ENABLED	Moved to ViewerSettingStrings
ADD_BUTTON_ENABLED	Moved to UISetting
ALLOW_ANNOTATIONS_FROM_UNTRUSTED_SOURCE	Moved to UISetting
BACKGROUND_COLOR	Moved to ViewerSettingStrings
BOOSTER_REST_ENDPOINT	Replaced by BOOSTER_URL
BOOSTER_WS_ENDPOINT	Replaced by BOOSTER_URL
BRANDING_LABEL	Moved to UISetting

Function name	Description
BRANDING_URL	Moved to UISetting
CAMERA_FIELD_OF_VIEW	Moved to ViewerSettingStrings
CLIPPLANE_CAPPING_ENABLED	Moved to ViewerSettingStrings
CLIPPLANE_EDGE_COLOR	Moved to ViewerSettingStrings
CLIPPLANE_INNER_COLOR	Moved to ViewerSettingStrings
COLOR_COMPARISON_FIRST_COLOR	Moved to ViewerSettingStrings
COLOR_COMPARISON_MATCHING_COLOR	Moved to ViewerSettingStrings
COLOR_COMPARISON_SECOND_COLOR	Moved to ViewerSettingStrings
COLORIZE_EFFECT_ENABLED	Moved to ViewerSettingStrings
CONTEXT_MENU_ENABLED	Moved to UISetting
COORDINATE_SYSTEM	Moved to ViewerSettingStrings
CUSTOM_TREE_ICON_MAP	Moved to UISetting
DATA_UNIT	Moved to UISetting
DOUBLE_CLICK_TIME_WINDOW	Moved to ViewerSettingStrings
DYNAMIC_AUX_CONTRAST_ENABLED	Moved to ViewerSettingStrings
DYNAMIC_COR_ENABLED	Moved to ViewerSettingStrings
EXPAND_ON_VIEWER_SELECTION	Moved to ViewerSettingStrings
FACE_SELECTION_COLOR	Moved to ViewerSettingStrings
FLY_NAVIGATION_SPEED	Moved to ViewerSettingStrings
FLYTO_ON_DOUBLECLICK_ENABLED	Moved to ViewerSettingStrings
FRUSTUM_CULLING	Moved to ViewerSettingStrings
GIZMO_SCALING_FACTOR	Moved to ViewerSettingStrings
GIZMOS_ENABLED	Moved to ViewerSettingStrings
GPU_MEMORY_RELEASE_FACTOR	Moved to ViewerSettingStrings
HOVERING_LABEL_MODE	Moved to UISetting
INIT_VIEW	Moved to ViewerSettingStrings
INITIAL_FIT	Moved to ViewerSettingStrings
INVERT_ZOOM_DIRECTION	Moved to ViewerSettingStrings
LABEL_TOOLTIP_ENABLED	Moved to UISetting
LABEL_TOOLTIP_FUNCTION	Moved to UISetting
MAX_DYNAMIC_CLIP_DIST	Moved to ViewerSettingStrings
MAX_GPU_MEMORY	Moved to ViewerSettingStrings
MAX_SRC_MEMORY	Moved to ViewerSettingStrings
MEASUREMENT_HIGHLIGHT_FACE_COLOR	Moved to ViewerSettingStrings
MEASUREMENT_HIGHLIGHT_LINE_COLOR	Moved to ViewerSettingStrings
NAVIGATION_MODE	Moved to ViewerSettingStrings
NAVIGATION_PERFORMANCE	Moved to ViewerSettingStrings
NAVIGATION_SAMPLING	Moved to ViewerSettingStrings
NAVIGATION_SPEED_FACTOR	Moved to ViewerSettingStrings
NAVIGATION_SPEED_THROTTLE_FACTOR	Moved to ViewerSettingStrings
PAINT_COLOR	Moved to ViewerSettingStrings
PAINT_SIZE	Moved to ViewerSettingStrings
PRE_SELECTION_COLOR	Moved to ViewerSettingStrings
PRINT_LAYOUT	Moved to UISetting
PRINT_QUALITY	Moved to UISetting
RENDER_SETUP	Moved to ViewerSettingStrings
SCENE_DIRECTION_NAME_SCHEME	Moved to ViewerSettingStrings
SCREEN_SPACE_COVERAGE_CALCULATION_METHOD	Moved to ViewerSettingStrings
SELECTION_COLOR	Moved to ViewerSettingStrings
SILHOUETTE_EFFECT_BUTTON_ENABLED	Moved to ViewerSettingStrings
SILHOUETTE_EFFECT_COLOR	Moved to ViewerSettingStrings
SILHOUETTE_EFFECT_ENABLED	Moved to ViewerSettingStrings
SILHOUETTE_EFFECT_EXCLUSIVE_ENABLED	Moved to ViewerSettingStrings
SMALL_FEATURE_CULLING	Moved to ViewerSettingStrings
SMALL_FEATURE_PIXEL_THRESHOLD	Moved to ViewerSettingStrings
SOFTWARE_OCCLUSION_CULLING	Moved to ViewerSettingStrings
SPACEMOUSE_MULTIPLIER	Moved to ViewerSettingStrings
TOPO_GEOMETRY_COLOR	Moved to ViewerSettingStrings
TOPO_GEOMETRY_SECONDARY_COLOR	Moved to ViewerSettingStrings
TREEVIEW_FILTER_FUNCTION	Moved to UISetting
TURNTABLE_LOWER_VERTICAL_LIMIT	Moved to ViewerSettingStrings

Function name	Description
TURNTABLE_UPPER_VERTICAL_LIMIT	Moved to ViewerSettingStrings
UI_UNIT	Moved to UISetting
VERTEX_COLORS_ENABLED	Moved to ViewerSettingStrings
WEBGL_PRESERVE_DRAWINGBUFFER	Moved to ViewerSettingStrings
ANNOTATION_EDITING_ENABLED	Moved to UISetting
CONTEXT_MENU_FUNCTION	Moved to UISetting
CUSTOM_ICON_MAP	Moved to UISetting
CUSTOM_TOOLBAR_ICON_MAP	Moved to UISetting
LANGUAGE	Moved to UISetting
MODELVIEW_PRINT_CONTENT_FUNCTION	Moved to UISetting
MODELVIEW_PRINT_RESOURCE_NAME_FUNCTION	Moved to UISetting
APP_ID	Not supported anymore.
AUTOPLAY	Not supported anymore.
AUX_MODE_AVAILABLE	Not supported anymore.
BACKGROUND_DOWNLOAD_INTERVAL	Not supported anymore.
CAPPING_CREATION_ENABLED	Not supported anymore.
CHILD_INSTANCE_CREATIONS_PER_FRAME	Not supported anymore.
CLIPPLANE_SPINNER_INCREMENT	Not supported anymore.
COLOR_COMPARISON_AVAILABLE	Not supported anymore.
COLOR_DIALOG_ENABLE_HTML_COLOR_CODE	Not supported anymore.
CONFIG_FILE_PATH	Not supported anymore.
CONSOLE_ENABLED	Not supported anymore.
CUSTOM_CSS_MAP	Not supported anymore.
DEACTIVATE_PMI_ON_RESOURCE_DEACTIVATION	Not supported anymore.
DEBUG	Not supported anymore.
DECOUPLED_TRAVERSAL_ENABLED	Not supported anymore.
DOMAIN_GATEWAYS	Not supported anymore.
ENABLE_FILE_UPLOAD	Not supported anymore.
EXT_REF_MAX_NUM_PARALLEL_REQUESTS	Not supported anymore.
EXT_REF_PROCESSING_BLOCK_SIZE	Not supported anymore.
EXT_REF_PROCESSING_BUDGET	Not supported anymore.
FILE_UPLOAD_URL	Not supported anymore.
GARBAGE_COLLECTION_CYCLE	Not supported anymore.
GATEWAY_MAPPING	Not supported anymore.
HOVER_BLEND_FACTOR	Not supported anymore.
HUB_INTERFACE_VERSION	Not supported anymore.
IGNORE_BOOSTER	Not supported anymore.
INIT_DATA	Not supported anymore.
INTERNAL_SESSION_DEVICE_TAGS	Not supported anymore.
L3D_INTERFACE	Not supported anymore.
L3D_REPRESENTATION_DEFAULTS	Not supported anymore.
LOCAL_CACHE_SERVICE_WORKER	Not supported anymore.
MARK_EXPERIMENTAL_CONTENT_TYPES	Not supported anymore.
MAX_RENDER_SERVICE_CONNECTION_RETRIES	Not supported anymore.
MAX_RENDER_SERVICE_PING_RETRIES	Not supported anymore.
MAX_SESSION_HANDLER_SERVICE_CONNECTION_RETRIES	Not supported anymore.
MEASUREMENT_SERVICE_PING_INTERVAL	Not supported anymore.
MERGE_TO_PARENT_ON_ADD	Not supported anymore.
OFFLINE_MODE	Not supported anymore.
OVERLAY_LINE_COLOR	Not supported anymore.
OVERLAY_LINE_WIDTH	Not supported anymore.
PAINT_MODE_AVAILABLE	Not supported anymore.
PAINT_OCCLUDER_ENABLED	Not supported anymore.
PROXY_BOX_LEVEL	Not supported anymore.
PSEUDO_SESSION_MODE	Not supported anymore.
QUERY	Not supported anymore.
RECURSIVE_UI_SEARCH	Not supported anymore.
RENDER_SERVICE_CONNECTION_INTERVAL	Not supported anymore.
RENDER_SERVICE_PING_INTERVAL	Not supported anymore.
RENDER_SERVICE_URL	Not supported anymore.
RENDER_SERVICE_UUID	Not supported anymore.

Function name	Description
SCENARIO_TEMPLATE	Not supported anymore.
SEARCH_REQUEST_CONTENT_TYPE	Not supported anymore.
SELECTED_RENDER_CONFIGURATION	Not supported anymore.
SEND_LOG_TO_SERVER	Not supported anymore.
SESSION_COUNTER	Not supported anymore.
SESSION_EXPORT_ENABLED	Not supported anymore.
SESSION_HANDLER_RETRY_DELAY	Not supported anymore.
SESSION_ID	Not supported anymore.
SESSION_REMOTE_SETTINGS	Not supported anymore.
SESSION_STORAGE_ENABLED	Not supported anymore.
SESSION_SYNC_POLLING_INTERVAL	Not supported anymore.
SHARE_SESSION_ENABLED	Not supported anymore.
SHOW_EXPERIMENTAL_RENDERSETUPS	Not supported anymore.
SHOW_TOOL_WINDOWS	Not supported anymore.
SHOW_VERSION_INFO	Not supported anymore.
SHOW_WELCOME_DIALOG	Not supported anymore.
SNAPSHOT_ICON_RESTORE_VIEW	Not supported anymore.
SNAPSHOT_ICON_SAVE	Not supported anymore.
SPACE_DOMAIN	Not supported anymore.
STREAM_PUBLISH_LIST	Not supported anymore.
TOPO_POINTS_ENABLED	Not supported anymore.
TRACKING_LEGACY_MODE	Not supported anymore.
TRACKING_PIPELINE	Not supported anymore.
TRACKING_SERVICE_OPTIONS	Not supported anymore.
TRANSCODER_CMD_SELECTION_METHOD	Not supported anymore.
TRANSFORMATION_DIALOG_ENABLED	Not supported anymore.
TRANSFORMATION_GIZMO_ENABLED	Not supported anymore.
TURNTABLE_VERTICAL_LIMITS_ENABLED	Not supported anymore.
UI_SMART_SNAPPING_ENABLED	Not supported anymore.
UPDATE_STATE_ELEMENT_COUNT	Not supported anymore.
UPDATE_STATE_MAX_NUM_PARALLEL_REQUESTS	Not supported anymore.
UPDATE_STATE_MAX_NUM_WAITING_QUERIES_THRESHOLD	Not supported anymore.
UPDATE_STATE_POLLING_INTERVAL	Not supported anymore.
UPDATE_STATE_PROCESSING_BLOCK_SIZE	Not supported anymore.
UPDATE_STATE_PROCESSING_BUDGET	Not supported anymore.
USER_INPUT_MAP	Not supported anymore.
WEBGL_VERSION	Not supported anymore.
XHR_POOLING_ENABLED	Not supported anymore.

ViewerSettingStrings

Member name	Description
TOPO_ENABLED	Not supported anymore.