

Classes & Functions Parameters

Controls

| | |
|---|-------|
| constructor | speed |
| Creates controls for the 3D environment. Default speed is 100. Movement is disabled by default. | |
| setSpeed | speed |
| Sets the movement speed for walking through the 3D environment. | |
| enableMovement | |
| Enables movement in the 3D environment. | |
| disableMovement | |
| Disables movement in the 3D environment. | |

VRElement

| | | | |
|---|-------------|-------|---|
| setWidth | width | | |
| Sets the width of the current element. | | | |
| setHeight | height | | |
| Sets the height of the current element | | | |
| setPosition | x | y | z |
| Sets the position of the current element. | | | |
| addPosition | x | y | z |
| Increases or decreases the position of the current element. | | | |
| setRotation | x | y | z |
| Sets the rotation of the current element. | | | |
| addRotation | x | y | z |
| Increases or decreases the rotation of the current element. | | | |
| setScale | x | y | z |
| Sets the scale of the current element. | | | |
| addScale | x | y | z |
| Increases or decreases the scale of the current element. | | | |
| setVisible | input | | |
| Either makes the current element visible or not visible based on input. Input can only be true or false. | | | |
| addEventListener | interaction | event | |
| Adds an user interaction to the current element. Possible interactions are: click, contextmenu, dblclick, mousedown, mouseenter, mouseleave, mousemove, mouseout, moveover, mouseup. Event either is a function or refers to a function. | | | |
| removeEventListener | interaction | event | |
| Removes an added user interaction to the current element. Possible interactions are: click, contextmenu, dblclick, mousedown, mouseenter, mouseleave, mousemove, mouseout, moveover, mouseup. Event either is a function or refers to a function. | | | |

VRText : extends VRElement

| | |
|--|-------|
| constructor | text |
| Creates an 3D text element. Will give a warning if no text has been set yet. | |
| setText | text |
| Changes the text. | |
| setColor | color |
| Changes the color of the text. | |

VRImage : extends VRElement

| | |
|---|------|
| constructor | path |
| Creates a 3D image. Will give a warning if the path to the image is not set or incorrect. | |
| setImage | path |
| Sets a new 3D image. Will give an error if the path to the image is incorrect. | |

VRModel : extends VRElement

| | | |
|--|----------|----------|
| constructor | model | material |
| Creates a 3D model. Will give a warning if the path to the model & material are not set. | | |
| setModel | model | |
| Sets the path to the model. | | |
| setMaterial | material | |
| Sets the path to the model's material. | | |