

Web Client Messages

This is a list of messages supported by the Bim Portal and Explorer

To Web Application

PinSelected

Select a pin

Message PinSelected

Parameters

- id <_string_><**mandatory**> Id of the selected pin

ObjectSelected

Select an object or all objects for a given topology node

Message ObjectSelected

Parameters

- Id <_string_><**optional**> Id of the selected object or topology node
- multiSelect <_boolean_><**optional**> Activates same behaviour as pressing the ctrl key
- blockProperties <_boolean_><**optional**> Disable the object properties menu

ObjectsSelected

Select several objects or all objects for given topology nodes

Message ObjectsSelected

Parameters

- ids <_array of strings_><**optional**> Ids of the selected objects or topology nodes
- multiSelect <_boolean_><**optional**> If **true** objects will be appended to the list of selected objects, if **false** currently selected objects will be replaced with objects from this message
- blockProperties <_boolean_><**optional**> Disable the object properties menu

ObjectsIsolated

Isolate several objects or all objects for given topology nodes

Message ObjectsIsolated

Parameters

- ids <_array of strings_><**optional**> Ids of the objects or topology nodes

CenterObject

Move camera to look at an object

Message CenterObject

Parameters

- id <_string_><**mandatory**> Id of the object
- flyTo <_boolean_><**optional**> Use fly to animation for transition

ZoomToFit

Zoom camera to fit all objects onto the screen

Message ZoomToFit

Parameters

- ids <_array of strings_><**optional**> Ids of the objects or topology nodes

CheckAlive

This causes the Bim Explorer to send a CheckAlive message back if the instance is still alive

Message CheckAlive

Parameters

None

ResetView

Reset the view state

Message ResetView

Parameters

None

FilterSelected

Select a filter in the object navigator

Message FilterSelected

Parameters

- id <_string_><**mandatory**> Id of the filter
- layerId <_string_><**mandatory**> Layer id for the filter (Building,Room,etc.)
- showAll <_boolean_><**optional**> Show all nodes in filter tree
- expandAll <_boolean_><**optional**> Expand all nodes in filter tree
- hideUnreferencedTopology <_boolean_><**optional**> Set all topology nodes invisible which doesn't have a filtered object
- isolate <_boolean_><**optional**> Show filtered objects isolated
- visibleNodes <_array of strings_><**optional**> Set given structure nodes visible

StructureSelected

Select a structure in the structure manager **Message** StructureSelected

Parameters

- id <_string_><**mandatory**> Id of the filter
- showAll <_boolean_><**optional**> Show all nodes in filter tree
- expandAll <_boolean_><**optional**> Expand all nodes in filter tree
- hideUnreferencedTopology <_boolean_><**optional**> Set all topology nodes invisible which doesn't have a filtered object
- isolate <_boolean_><**optional**> Show filtered objects isolated
- visibleNodes <_array of strings_><**optional**> Set given structure nodes visible

From Web Application

PinSelected

A pin has been selected

Message PinSelected

Parameters

- id <_string_><**mandatory**> Id of the selected pin

ObjectSelected

An object or multiple objects have been selected

Message ObjectSelected

Parameters

- ids <_array of strings_><**optional**> Ids of the selected objects or topology nodes
- multiSelect <_boolean_><**optional**> Activates same behaviour as pressing the ctrl key

CheckAlive

This message is returned as response of a received CheckAlive message

Message CheckAlive

Parameters

- client <_string_><mandatory> client code

TeamChanged

Team has been changed

Message TeamChanged

Parameters

- id <_string_><mandatory> Id of the team

IssueSelected

Task has been selected **Message** IssueSelected

Parameters

- id <_string_><mandatory> Id of the selected task

DataLoaded

This message is sent after loading has been completed

Message DataLoaded

Parameters

None

ClickedHyperlink

A hyperling has been clicked

Message ClickedHyperlink

Parameters

- url <_string_><mandatory> Url of the hyperlink