

# map.create

## Description

object `map.create(object/array maps)`

This method allows to create new maps.

## Parameters

(object/array) Maps to create.

Additionally to the [standard map properties](#), the method accepts the following parameters.

Parameter	Type	Description
links	array	<a href="#">Map links</a> to be created on the map.
selements	array	<a href="#">Map elements</a> to be created on the map.
urls	array	<a href="#">Map URLs</a> to be created on the map.
users	array	<a href="#">Map user shares</a> to be created on the map.
userGroups	array	<a href="#">Map user group shares</a> to be created on the map.
shapes	array	<a href="#">Map shapes</a> to be created on the map.
lines	array	<a href="#">Map lines</a> to be created on the map.

To create map links you'll need to set a map element `selementid` to an arbitrary value and then use this value to reference this element in the `links selementid1` or `selementid2` properties. When the element is created, this value will be replaced with the correct ID generated by Zabbix. [See example](#).

## Return values

(object) Returns an object containing the IDs of the created maps under the `sysmapids` property. The order of the returned IDs matches the order of the passed maps.

## Examples

### Create an empty map

Create a map with no elements.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "map.create",
  "params": {
    "name": "Map",
    "width": 600,
  }
}
```

```
    "height": 600
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "sysmapids": [
      "8"
    ]
  },
  "id": 1
}
```

## Create a host map

Create a map with two host elements and a link between them. Note the use of temporary "selementid1" and "selementid2" values in the map link object to refer to map elements.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "map.create",
  "params": {
    "name": "Host map",
    "width": 600,
    "height": 600,
    "selements": [
      {
        "selementid": "1",
        "elements": [
          {"hostid": "1033"}
        ],
        "elementtype": 0,
        "iconid_off": "2"
      },
      {
        "selementid": "2",
        "elements": [
          {"hostid": "1037"}
        ],

```

```
        "elementtype": 0,
        "iconid_off": "2"
      }
    ],
    "links": [
      {
        "selementid1": "1",
        "selementid2": "2"
      }
    ]
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "sysmapids": [
      "9"
    ]
  },
  "id": 1
}
```

## Create a trigger map

Create a map with trigger element, which contains two triggers.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "map.create",
  "params": {
    "name": "Trigger map",
    "width": 600,
    "height": 600,
    "selements": [
      {
        "elements": [
          {"triggerid": "12345"},
          {"triggerid": "67890"}
        ],
        "elementtype": 2,
        "iconid_off": "2"
      }
    ]
  }
}
```

```
    ],  
    "auth": "038e1d7b1735c6a5436ee9eae095879e",  
    "id": 1  
}
```

Response:

```
{  
  "jsonrpc": "2.0",  
  "result": {  
    "sysmapids": [  
      10  
    ]  
  },  
  "id": 1  
}
```

## Map sharing

Create a map with two types of sharing (user and user group).

Request:

```
{  
  "jsonrpc": "2.0",  
  "method": "map.create",  
  "params": {  
    "name": "Map sharing",  
    "width": 600,  
    "height": 600,  
    "users": [  
      {  
        "userid": "4",  
        "permission": "3"  
      }  
    ],  
    "userGroups": [  
      {  
        "usrgrpid": "7",  
        "permission": "2"  
      }  
    ]  
  },  
  "auth": "038e1d7b1735c6a5436ee9eae095879e",  
  "id": 1  
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "sysmapids": [
      "9"
    ]
  },
  "id": 1
}
```

## Map shapes

Create a map with map name title.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "map.create",
  "params": {
    "name": "Host map",
    "width": 600,
    "height": 600,
    "shapes": [
      {
        "type": 0,
        "x": 0,
        "y": 0,
        "width": 600,
        "height": 11,
        "text": "{MAP.NAME}"
      }
    ]
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "sysmapids": [
      "10"
    ]
  },
}
```

```
"id": 1  
}
```

## Map lines

Create a map line.

Request:

```
{  
  "jsonrpc": "2.0",  
  "method": "map.create",  
  "params": {  
    "name": "Map API lines",  
    "width": 500,  
    "height": 500,  
    "lines": [  
      {  
        "x1": 30,  
        "y1": 10,  
        "x2": 100,  
        "y2": 50,  
        "line_type": 1,  
        "line_width": 10,  
        "line_color": "009900"  
      }  
    ]  
  },  
  "auth": "038e1d7b1735c6a5436ee9eae095879e",  
  "id": 1  
}
```

Response:

```
{  
  "jsonrpc": "2.0",  
  "result": {  
    "sysmapids": [  
      "11"  
    ]  
  },  
  "id": 1  
}
```

## See also

- [Map element](#)
- [Map link](#)
- [Map URL](#)
- [Map user](#)
- [Map user group](#)
- [Map shape](#)
- [Map line](#)

## Source

CMap::create() in *frontends/php/include/classes/api/services/CMap.php*.

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