

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	Map links to be created on the map.
selements	array	Map elements to be created on the map.
urls	array	Map URLs to be created on the map.
users	array	Map user shares to be created on the map.
userGroups	array	Map user group shares to be created on the map.
shapes	array	Map shapes to be created on the map.
lines	array	Map lines 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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<https://www.zabbix.com/documentation/5.0/> - **Zabbix Documentation 5.0**

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