

screen.get

Description

integer/array `screen.get(object parameters)`

The method allows to retrieve screens according to the given parameters.

Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
screenids	string/array	Return only screens with the given IDs.
userids	string/array	Return only screens that belong to the given user IDs.
screenitemids	string/array	Return only screens that contain the given screen items.
selectUsers	query	Returns users that the screen is shared with in users property.
selectUserGroups	query	Returns user groups that the screen is shared with in userGroups property.
selectScreenItems	query	Return the screen items that are used in the screen.
sortfield	string/array	Sort the result by the given properties. Possible values are: screenid and name.
countOutput	boolean	These parameters being common for all get methods are described in detail in the reference commentary page.
editable	boolean	
excludeSearch	boolean	
filter	object	
limit	integer	
output	query	
preservekeys	boolean	
search	object	
searchByAny	boolean	
searchWildcardsEnabled	boolean	
sortorder	string/array	
startSearch	boolean	

Return values

(integer/array) Returns either:

- an array of objects;
- the count of retrieved objects, if the countOutput parameter has been used.

Examples

Retrieving a screen by ID

Retrieve all data about screen "26" and its screen items.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "screen.get",
  "params": {
    "output": "extend",
    "selectScreenItems": "extend",
    "selectUsers": "extend",
    "selectUserGroups": "extend",
    "screenids": "26"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "screenitems": [
        {
          "screenitemid": "67",
          "screenid": "26",
          "resourcetype": "0",
          "resourceid": "612",
          "width": "320",
          "height": "200",
          "x": "0",
          "y": "0",
          "colspan": "0",
          "rowspan": "0",
          "elements": "25",
          "valign": "0",
          "halign": "0",
          "style": "0",
          "url": "",
          "dynamic": "0",
          "sort_triggers": "0"
        }
      ]
    }
  ]
}
```

```
    ],
    "users": [
      {
        "sysmapuserid": "1",
        "userid": "2",
        "permission": "2"
      }
    ],
    "userGroups": [
      {
        "screenusrgrp": "1",
        "usrgrp": "7",
        "permission": "3"
      }
    ],
    "screenid": "26",
    "name": "CPU Graphs",
    "hsize": "3",
    "vsize": "2",
    "userid": "1",
    "private": "1"
  }
],
"id": 1
}
```

See also

- [Screen item](#)
- [Screen user](#)
- [Screen user group](#)

Source

CScreen::get() in *frontends/php/include/classes/api/services/CScreen.php*.

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<https://www.zabbix.com/documentation/4.0/> - **Zabbix Documentation 4.0**

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