

# 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 screen that contain the given screen items.
selectScreenItems	query	Return a <a href="#">screenItems</a> property with the elements that are used in the screen.
selectUsers	query	Return a <a href="#">users</a> property with users that the screen is shared with.
selectUserGroups	query	Return a <a href="#">userGroups</a> property with user groups that the screen is shared with.
sortfield	string/array	Sort the result by the given properties. Possible values are: <code>screenid</code> and <code>name</code> .
countOutput	boolean	These parameters being common for all get methods are described in detail in the <a href="#">reference commentary</a> 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",
    "templateid": "0",
    "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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