

# screenitem.get

## Description

integer/array screenitem.get(object **parameters**)

The method allows to retrieve screen items according to the given parameters.

## Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
screenitemids	string/array	Return only screen items with the given IDs.
screenids	string/array	Return only screen items that belong to the given screen.
sortfield	string/array	Sort the result by the given properties. Possible values are: screenitemid and screenid.
countOutput	boolean	These parameters being common for all get methods are described in detail in the <a href="#">reference commentary page</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 screen items from screen

Retrieve all screen items from the given screen.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "screenitem.get",
  "params": {
    "output": "extend",
    "screenids": "3"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "screenitemid": "20",
      "screenid": "3",
      "resourcetype": "0",
      "resourceid": "433",
      "width": "500",
      "height": "120",
      "x": "0",
      "y": "0",
      "colspan": "1",
      "rowspan": "1",
      "elements": "0",
      "valign": "1",
      "halign": "0",
      "style": "0",
      "url": "",
      "dynamic": "0",
      "sort_triggers": "0",
      "application": "",
      "max_columns": "3"
    },
    {
      "screenitemid": "21",
      "screenid": "3",
      "resourcetype": "0",
      "resourceid": "387",
      "width": "500",
      "height": "100",
      "x": "0",
      "y": "1",

```

```
    "colspan": "1",
    "rowspan": "1",
    "elements": "0",
    "valign": "1",
    "halign": "0",
    "style": "0",
    "url": "",
    "dynamic": "0",
    "sort_triggers": "0",
    "application": "",
    "max_columns": "3"
  },
  {
    "screenitemid": "22",
    "screenid": "3",
    "resourcetype": "1",
    "resourceid": "10013",
    "width": "500",
    "height": "148",
    "x": "1",
    "y": "0",
    "colspan": "1",
    "rowspan": "1",
    "elements": "0",
    "valign": "1",
    "halign": "0",
    "style": "0",
    "url": "",
    "dynamic": "0",
    "sort_triggers": "0",
    "application": "",
    "max_columns": "3"
  },
  {
    "screenitemid": "23",
    "screenid": "3",
    "resourcetype": "1",
    "resourceid": "22181",
    "width": "500",
    "height": "184",
    "x": "1",
    "y": "1",
    "colspan": "1",
    "rowspan": "1",
    "elements": "0",
    "valign": "1",
    "halign": "0",
    "style": "0",
    "url": "",
    "dynamic": "0",
    "sort_triggers": "0",
```

```
        "application": "",
        "max_columns": "3"
    },
    "id": 1
}
```

## Source

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

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<https://www.zabbix.com/documentation/4.2/manual/api/reference/screenitem/get>

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