

application.get

Description

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

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

Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
applicationids	string/array	Return only applications with the given IDs.
groupids	string/array	Return only applications that belong to hosts from the given host groups.
hostids	string/array	Return only applications that belong to the given hosts.
inherited	boolean	If set to true return only applications inherited from a template.
itemids	string/array	Return only applications that contain the given items.
templated	boolean	If set to true return only applications that belong to templates.
templateids	string/array	Return only applications that belong to the given templates.
expandData	flag	Return the name of the host that the application belongs to as a property of the application object.
selectHosts	query	Return the hosts that the application belongs to in the hosts property. Does not support shorten.
selectItems	query	Return the items contained in the application in the items property. Does not support shorten or arrays of values.
sortfield	string/array	Sort the result by the given properties. Possible values are: applicationid and name.

Parameter	Type	Description
countOutput	flag	These parameters being common for all get methods are described in detail on the Generic Zabbix API information page.
editable	boolean	
excludeSearch	flag	
filter	object	
limit	integer	
nodeids	string/array	
output	query	
preservekeys	flag	
search	object	
searchByAny	boolean	
searchWildcardsEnabled	boolean	
sortorder	string/array	
startSearch	flag	

Return values

(integer/array) Returns either:

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

Examples

Retrieving applications from a host

Retrieve all applications from a host sorted by name.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "application.get",
  "params": {
    "output": "extend",
    "hostids": "10001",
    "sortfield": "name"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
```

```
"result": [  
  {  
    "applicationid": "13",  
    "hostid": "10001",  
    "name": "CPU",  
    "templateid": "0"  
  },  
  {  
    "applicationid": "5",  
    "hostid": "10001",  
    "name": "Filesystems",  
    "templateid": "0"  
  },  
  {  
    "applicationid": "21",  
    "hostid": "10001",  
    "name": "General",  
    "templateid": "0"  
  },  
  {  
    "applicationid": "15",  
    "hostid": "10001",  
    "name": "Memory",  
    "templateid": "0"  
  },  
],  
"id": 1  
}
```

See also

- [Host](#)
- [Item](#)

Source

CApplication::get() in *frontends/php/api/classes/CApplication.php*.

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<https://www.zabbix.com/documentation/2.0/> - **Zabbix Documentation 2.0**

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<https://www.zabbix.com/documentation/2.0/manual/appendix/api/application/get>

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