

# mediatype.get

## Description

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

The method allows to retrieve media types according to the given parameters.

## Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
mediatypeids	string/array	Return only media types with the given IDs.
mediaids	string/array	Return only media types used by the given media.
userid	string/array	Return only media types used by the given users.
selectMessageTemplates	query	Return a <a href="#">message_templates</a> property with an array of media type messages.
selectUsers	query	Return a <a href="#">users</a> property with the users that use the media type.
sortfield	string/array	Sort the result by the given properties. Possible values are: mediatypeid.
countOutput	boolean	These parameters being common for all get methods are described in detail in the <a href="#">reference commentary</a> .
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 media types

Retrieve all configured media types.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "mediatype.get",
  "params": {
    "output": "extend",
    "selectMessageTemplates": "extend"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "mediatypeid": "1",
      "type": "0",
      "name": "Email",
      "smtp_server": "mail.example.com",
      "smtp_helo": "example.com",
      "smtp_email": "zabbix@example.com",
      "exec_path": "",
      "gsm_modem": "",
      "username": "",
      "passwd": "",
      "status": "0",
      "smtp_port": "25",
      "smtp_security": "0",
      "smtp_verify_peer": "0",
      "smtp_verify_host": "0",
      "smtp_authentication": "0",
      "exec_params": "",
      "maxsessions": "1",
      "maxattempts": "3",
      "attempt_interval": "10s",
      "content_type": "0",
      "script": "",
      "timeout": "30s",
    }
  ]
}
```

```

    "process_tags": "0",
    "show_event_menu": "1",
    "event_menu_url": "",
    "event_menu_name": "",
    "description": "",
    "message_templates": [
        {
            "eventsourc": "0",
            "recovery": "0",
            "subject": "Problem: {EVENT.NAME}",
            "message": "Problem started at {EVENT.TIME} on
{EVENT.DATE}\r\nProblem name: {EVENT.NAME}\r\nHost: {HOST.NAME}\r\nSeverity:
{EVENT.SEVERITY}\r\nOperational data: {EVENT.OPDATA}\r\nOriginal problem ID:
{EVENT.ID}\r\n{TRIGGER.URL}"
        },
        {
            "eventsourc": "0",
            "recovery": "1",
            "subject": "Resolved: {EVENT.NAME}",
            "message": "Problem has been resolved at
{EVENT.RECOVERY.TIME} on {EVENT.RECOVERY.DATE}\r\nProblem name:
{EVENT.NAME}\r\nHost: {HOST.NAME}\r\nSeverity:
{EVENT.SEVERITY}\r\n\r\nOriginal problem ID: {EVENT.ID}\r\n{TRIGGER.URL}"
        },
        {
            "eventsourc": "0",
            "recovery": "2",
            "subject": "Updated problem: {EVENT.NAME}",
            "message": "{USER.FULLNAME} {EVENT.UPDATE.ACTION}
problem at {EVENT.UPDATE.DATE}
{EVENT.UPDATE.TIME}.\r\n{EVENT.UPDATE.MESSAGE}\r\n\r\nCurrent problem status
is {EVENT.STATUS}, acknowledged: {EVENT.ACK.STATUS}."
        },
        {
            "eventsourc": "1",
            "recovery": "0",
            "subject": "Discovery: {DISCOVERY.DEVICE.STATUS}
{DISCOVERY.DEVICE.IPADDRESS}",
            "message": "Discovery rule:
{DISCOVERY.RULE.NAME}\r\n\r\nDevice IP:
{DISCOVERY.DEVICE.IPADDRESS}\r\nDevice DNS: {DISCOVERY.DEVICE.DNS}\r\nDevice
status: {DISCOVERY.DEVICE.STATUS}\r\nDevice uptime:
{DISCOVERY.DEVICE.UPTIME}\r\n\r\nDevice service name:
{DISCOVERY.SERVICE.NAME}\r\nDevice service port:
{DISCOVERY.SERVICE.PORT}\r\nDevice service status:
{DISCOVERY.SERVICE.STATUS}\r\nDevice service uptime:
{DISCOVERY.SERVICE.UPTIME}"
        },
        {
            "eventsourc": "2",
            "recovery": "0",

```

```
        "subject": "Autoregistration: {HOST.HOST}",
        "message": "Host name: {HOST.HOST}\r\nHost IP:
{HOST.IP}\r\nAgent port: {HOST.PORT}"
    }
],
"parameters": []
},
{
    "mediatypeid": "3",
    "type": "2",
    "name": "SMS",
    "smtp_server": "",
    "smtp_helo": "",
    "smtp_email": "",
    "exec_path": "",
    "gsm_modem": "/dev/ttyS0",
    "username": "",
    "passwd": "",
    "status": "0",
    "smtp_port": "25",
    "smtp_security": "0",
    "smtp_verify_peer": "0",
    "smtp_verify_host": "0",
    "smtp_authentication": "0",
    "exec_params": "",
    "maxsessions": "1",
    "maxattempts": "3",
    "attempt_interval": "10s",
    "content_type": "1",
    "script": "",
    "timeout": "30s",
    "process_tags": "0",
    "show_event_menu": "1",
    "event_menu_url": "",
    "event_menu_name": "",
    "description": "",
    "message_templates": [
        {
            "eventsourc": "0",
            "recovery": "0",
            "subject": "",
            "message": "{EVENT.SEVERITY}: {EVENT.NAME}\r\nHost:
{HOST.NAME}\r\n{EVENT.DATE} {EVENT.TIME}"
        },
        {
            "eventsourc": "0",
            "recovery": "1",
            "subject": "",
            "message": "RESOLVED: {EVENT.NAME}\r\nHost:
{HOST.NAME}\r\n{EVENT.DATE} {EVENT.TIME}"
        }
    ]
}
```

```
    },
    {
      "eventsourc": "0",
      "recovery": "2",
      "subject": "",
      "message": "{USER.FULLNAME} {EVENT.UPDATE.ACTION}
problem at {EVENT.UPDATE.DATE} {EVENT.UPDATE.TIME}"
    },
    {
      "eventsourc": "1",
      "recovery": "0",
      "subject": "",
      "message": "Discovery: {DISCOVERY.DEVICE.STATUS}
{DISCOVERY.DEVICE.IPADDRESS}"
    },
    {
      "eventsourc": "2",
      "recovery": "0",
      "subject": "",
      "message": "Autoregistration: {HOST.HOST}\\r\\nHost IP:
{HOST.IP}\\r\\nAgent port: {HOST.PORT}"
    }
  ],
  "parameters": []
},
"parameters": []
},
],
"id": 1
}
```

## See also

- [User](#)

## Source

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

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<https://www.zabbix.com/documentation/5.0/> - **Zabbix Documentation 5.0**

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<https://www.zabbix.com/documentation/5.0/manual/api/reference/mediatype/get>

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