

item.update

Description

object `item.update(object/array items)`

This method allows to update existing items.

Web items cannot be updated via the Zabbix API.

Parameters

(object/array) Item properties to be updated.

The `itemid` property must be defined for each item, all other properties are optional. Only the passed properties will be updated, all others will remain unchanged.

Additionally to the [standard item properties](#), the method accepts the following parameters.

Parameter	Type	Description
<code>applications</code>	array	IDs of the applications to replace the current applications.
<code>preprocessing</code>	array	Item preprocessing options to replace the current preprocessing options.

Return values

(object) Returns an object containing the IDs of the updated items under the `itemids` property.

Examples

Enabling an item

Enable an item, that is, set its status to "0".

Request:

```
{
  "jsonrpc": "2.0",
  "method": "item.update",
  "params": {
    "itemid": "10092",
    "status": 0
  },
  "auth": "700ca65537074ec963db7efabda78259",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "10092"
    ]
  },
  "id": 1
}
```

Update dependent item

Update Dependent item name and Master item ID. Only dependencies on same host are allowed, therefore Master and Dependent item should have same hostid.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "item.update",
  "params": {
    "name": "Dependent item updated name",
    "master_itemid": "25562",
    "itemid": "189019"
  },
  "auth": "700ca65537074ec963db7efabda78259",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "189019"
    ]
  },
  "id": 1
}
```

Update HTTP agent item

Enable item value trapping.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "item.update",
  "params": {
    "itemid": "23856",
    "allow_traps": "1"
  },
  "auth": "700ca65537074ec963db7efabda78259",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "23856"
    ]
  },
  "id": 1
}
```

Updating an item with preprocessing

Update an item with item preprocessing rule "In range".

Request:

```
{
  "jsonrpc": "2.0",
  "method": "item.update",
  "params": {
    "itemid": "23856",
    "preprocessing": [
      {
        "type": "13",
        "params": "\n100",
        "error_handler": "1",
        "error_handler_params": ""
      }
    ]
  },
  "auth": "700ca65537074ec963db7efabda78259",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "23856"
    ]
  },
  "id": 1
}
```

Source

`CItem::update()` in `ui/include/classes/api/services/CItem.php`.

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