

## create()

This function allows you to create a graph as defined by the **graph data** array.

### Parameters

Parameter	Type	Optional	Description	Details
<b>graph data</b>	<i>array or object</i>		Array of Graph objects or a single object with additional parameter <b>gitems</b> , array of graph item objects	<b>graphid</b> shouldn't be specified

See also [graph item details](#).

### Returns

Parameter	Description
<b>result</b>	Operation successful. Result will contain array of created Graph IDs. <b>graphid</b> are assigned to each Graph object
<b>error</b>	In case of any errors

### Example

Create new graph

```
{
  "jsonrpc": "2.0",
  "method": "graph.create",
  "params": [{
    "gitems": [{
      "itemid": "100100000018469",
      "drawtype": "0",
      "sortorder": "0",
      "color": "999900",
      "yaxisside": "0",
      "calc_fnc": "2",
      "type": "0",
      "periods_cnt": "5"
    }, {
      "itemid": "100100000018468",
      "drawtype": "0",
      "sortorder": "1",
      "color": "009900",
      "yaxisside": "0",
      "calc_fnc": "2",
      "type": "0",
      "periods_cnt": "5"
    }, {
      "itemid": "100100000018467",
      "drawtype": "0",
      "sortorder": "2",
```

```
    "color": "990000",
    "yaxisside": "0",
    "calc_fnc": "2",
    "type": "0",
    "periods_cnt": "5"
  }],
  "name": "CPU Loads",
  "width": "900",
  "height": "200",
  "yaxismin": "0.0000",
  "yaxismax": "3.0000",
  "templateid": "0",
  "show_work_period": "1",
  "show_triggers": "1",
  "graphtype": "0",
  "show_legend": "0",
  "show_3d": "0",
  "percent_left": "0.0000",
  "percent_right": "0.0000",
  "ymin_type": "0",
  "ymax_type": "0",
  "ymin_itemid": "0",
  "ymax_itemid": "0"
}],
"auth": "038e1d7b1735c6a5436ee9eae095879e",
"id": 2
}
```

Graph created successfully:

```
{
  "jsonrpc": "2.0",
  "result": {
    "graphids": ["100100000012213"]
  },
  "id": 2
}
```

Graph already exists:

```
{
  "jsonrpc": "2.0",
  "error": {
    "code": -32602,
    "message": "Invalid params.",
    "data": "[ CGraph::create ] Graph already exists [ CPU Loads ] on Host [ ZABBIX-Server ]"
  },
  "id": 2
}
```

}

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