

# Fabrik API

Base URL:

/index.php?option=com\_fabrik&format=raw&task=plugin.pluginAjax&plugin=fabrik\_api&method=apiCalled&g=list

The Fabrik API allows you to insert, update, delete records and query data for all records or specific records.

To use, send a request to "Joomla Path + Base URL". The request body needs two properties, "authentication" with "api\_key" and "api\_secret" and "options" with auxiliary data to execute the actions. (Check out the examples below)

\* All answer and parameters are in json format

## Records – Type="site"

**POST** - Add a new record to a list

### Parameters

**Name** – requestBody -> object -> (body) \*required

**Description** - Data needed to verify access to the API and create a new record in a list

### Generic example value

```
{
  "authentication": {
    "api_key": "string",
    "api_secret": "string"
  },
  "options": {
    "list_id": 4,
    "type": "site",
    "row_data": {
      "pitt_obras___titulo": "Obra 1",
      "pitt_obras___descricao": "Example"
    }
  }
}
```

### PHP example value

```
<?php
$curl = curl_init();
curl_setopt_array($curl, [
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_URL =>
'https://projetos.cett.dev.br/index.php?option=com_fabrik&format=raw&task=
plugin.pluginAjax&plugin=fabrik_api&method=apiCalled&g=list',
```

```

CURLOPT_POST => 1,
CURLOPT_POSTFIELDS => [
    'authentication' => json_encode([
        'api_key' => 'string',
        'api_secret' => 'string'
    ]),
    'options' => json_encode([
        'list_id' => 8,
        'type' => 'site',
        'row_data' => [
            [
                'pitt_obras___titulo' => 'Teste 2',
                'pitt_obras___descricao' => 'Example'
            ]
        ]
    ])
]);

$response = curl_exec($curl);
curl_close($curl);

print_r($response);
?>

```

## Responses

### Code – 200

### Description – Output

### Generic example value

```

{
    "error": false,
    "msg": "Registro inserido com sucesso!",
    "data": {
        "row_id": 10
    }
}

```

## PUT – Update an existing record in a list

### Parameters

**Name** – requestBody -> object -> (body) \*required

**Description** - Data needed to verify access to the API and update an existing record in a list

### Generic example value

```
{
  "authentication": {
    "api_key": "string",
    "api_secret": "string"
  },
  "options": {
    "list_id": 4,
    "row_id": 20,
    "type" => "site",
    "row_data": {
      "pitt_obras___titulo": "Obra 1",
      "pitt_obras___descricao": "Example"
    }
  }
}
```

### PHP example value

```
<?php
    $curl = curl_init();
    $dados = array(
        'authentication' => json_encode([
            'api_key' => 'string',
            'api_secret' => 'string'
        ]),
        'options' => json_encode([
            'list_id' => 8,
            'row_id' => 467
            'type' => 'site',
            'row_data' => [
                pitt_obras___titulo' => 'Obra 1',
                pitt_obras___descricao' => 'Example'
            ]
        ])
    );

    curl_setopt_array($curl, [
        CURLOPT_RETURNTRANSFER => 1,
        CURLOPT_URL =>
'https://projetos.cett.dev.br/index.php?option=com_fabrik&format=raw&task=plugin.
pluginAjax&plugin=fabrik_api&method=apiCalled&g=list',
        CURLOPT_CUSTOMREQUEST => "PUT",
        CURLOPT_POSTFIELDS => http_build_query($dados)
    ]);
```

```
$response = curl_exec($curl);
curl_close($curl);

print_r($response);

?>
```

## Responses

**Code – 200**

**Description – Output**

**Generic example value**

```
{
    "error": false,
    "msg": "Registro atualizado com sucesso!",
    "data": {}
}
```

**DELETE – Delete a single record or multiple records in a list**

## Parameters

**Name –** requestBody -> object -> (body) \*required

**Description -** Data needed to verify access to the API and delete the records

**Generic example value**

```
{
    "authentication": {
        "api_key": "string",
        "api_secret": "string"
    },
    "options": {
        "list_id": 10,
        "type" => "site",
        "row_id": [
            "1,2,3"
        ]
    }
}
```

**PHP example value**

```
<?php
```

```

$curl = curl_init();

$dados = array(
    'authentication' => json_encode([
        'api_key' => 'string',
        'api_secret' => 'string'
    ]),
    'options' => json_encode([
        'list_id' => 8,
        'row_id' => [467, 466],
        'type' => 'site',
    ])
);

curl_setopt_array($curl, [
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_URL =>
'https://projetos.cett.dev.br/index.php?option=com_fabrik&format=raw&task=plugin.
pluginAjax&plugin=fabrik_api&method=apiCalled&g=list',
    CURLOPT_CUSTOMREQUEST => "DELETE",
    CURLOPT_POSTFIELDS => http_build_query($dados)
]);

$response = curl_exec($curl);
curl_close($curl);

print_r($response);
?>

```

## Responses

**Code – 200**

**Description – Output**

**Generic example value**

```

{
    "error": false,
    "msg": "Registro excluído com sucesso!",
    "data": {}
}

```

**GET –** Get data from all records or specific records in a list

## Parameters

**Name** – requestBody -> object -> (body)

\*required

**Description** - Data needed to verify access to the API and get from records

**Generic example value**

```
{
  "authentication": {
    "api_key": "string",
    "api_secret": "string"
  },
  "options": {
    "list_id": 1,
    "row_id": [
      "1,2"
    ],
    "data_type": "list",
    "filters": [
      "filter_name: filter_value"
    ]
  }
}
```

**PHP example value**

```
<?php

$curl = curl_init();

$dados = array(
    'authentication' => json_encode([
        'api_key' => 'string',
        'api_secret' => 'string'
    ]),
    'options' => json_encode([
        'list_id' => 8,
        'row_id' => [2, 3],
        'data_type' => 'list',
        'type' => 'site',
        'filters' => [
            'projetos_jp_tasks___id' => '352'
        ]
    ])
);

curl_setopt_array($curl, [
    CURLOPT_RETURNTRANSFER => 1,
```

```

CURLOPT_URL =>
'https://projetos.cett.dev.br/index.php?option=com_fabrik&format=raw&task=plugin.
pluginAjax&plugin=fabrik_api&method=apiCalled&g=list',
CURLOPT_CUSTOMREQUEST => "GET",
CURLOPT_POSTFIELDS => http_build_query($dados)
]);

$response = curl_exec($curl);
curl_close($curl);

print_r($response);
?>

```

## Responses

**Code – 200**

**Description – Output**

**Generic example value**

```

{
  "error": false,
  "msg": "Sucesso!",
  "data": [
    [
      {
        "pitt_obras___id": 1,
        "pitt_obras___titulo": "Obra 1",
        "pitt_obras___descricao": "Exemplo 1"
      },
      {
        "pitt_obras___id": 2,
        "pitt_obras___titulo": "Obra 2",
        "pitt_obras___descricao": "Exemplo 2"
      }
    ]
  ]
}

```

## Records – Type="administrator"

**POST** - Add a new element to a list

### Parameters

**Name** – requestBody -> object -> (body) \*required

**Description** - Data needed to verify access to the API and create a new element in a list

### Generic example value

```
{
  "authentication": {
    "api_key": "string",
    "api_secret": "string"
  },
  "options": {
    "g": "element",
    "type": "administrator",
    "list_id": 4,
    "group_id": 8,
    "plugin": "databasejoin",
    "name": "teste",
    "label": "teste - label"
  }
}
```

### PHP example value

```
<?php

$curl = curl_init();

curl_setopt_array($curl, [
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_URL =>
'https://projetos.cett.dev.br/index.php?option=com_fabrik&format=raw&task=plugin.
pluginAjax&plugin=fabrik_api&method=apiCalled&g=list',
    CURLOPT_POST => 1,
    CURLOPT_POSTFIELDS => [
        'authentication' => json_encode([
            'api_key' => 'string',
            'api_secret' => 'string'
        ]),
        'options' => json_encode([
            'g' => 'element',
            'list_id' => 7,
            'group_id' => 8,
```



```

        'plugin' => 'databasejoin',
        'name' => 'teste',
        'label' => 'teste - LABEL',
        'type' => 'administrator'
    ])
    ]
});

$response = curl_exec($curl);
curl_close($curl);

print_r($response);
?>

```

## Responses

**Code – 200**

**Description – Output**

**Generic example value**

```

{
    "error": false,
    "msg": "Sucesso!"
}

```

**PUT – Update an existing element in a list**

## Parameters

**Name –** requestBody -> object -> (body) \*required

**Description -** Data needed to verify access to the API and update an existing element in a list

**Generic example value**

```

{
    "authentication": {
        "api_key": "string",
        "api_secret": "string"
    },
    "options": {
        "g": "element",
        "type": "administrator",
        "element_id": 4,
        "label": "teste update - label"
    }
}

```

```
}  
}
```

### PHP example value

```
<?php
```

```
    $curl = curl_init();  
  
    $dados = array(  
        'authentication' => json_encode([  
            'api_key' => 'string',  
            'api_secret' => 'string'  
        ]),  
        'options' => json_encode([  
            'type' => 'administrator',  
            'g' => 'element',  
            'element_id' => 227,  
            'label' => 'teste 3 update - LABEL'  
        ])  
    );  
  
    curl_setopt_array($curl, [  
        CURLOPT_RETURNTRANSFER => 1,  
        CURLOPT_URL =>  
        'https://projetos.cett.dev.br/index.php?option=com_fabrik&format=raw&task=plugin.  
pluginAjax&plugin=fabrik_api&method=apiCalled&g=list',  
        CURLOPT_CUSTOMREQUEST => "PUT",  
        CURLOPT_POSTFIELDS => http_build_query($dados)  
    ]);  
  
    $response = curl_exec($curl);  
    curl_close($curl);  
  
    print_r($response);  
?>
```

### Responses

**Code – 200**

**Description – Output**

### Generic example value

```
{  
    "error": false,  
    "msg": "Sucesso!",  
}
```