
python-taiga Documentation

Release 1.3.0

Nephila

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PYTHON-TAIGA

A python wrapper for the [Taiga REST API](#).

Documentation: <https://python-taiga.readthedocs.io/>

Usage: : <https://python-taiga.readthedocs.io/usage.html>

Warning: Version 1.1 change the signature of HistoryItem methods. Check the [documentation](#) and update your code if it uses kwargs for `HistoryEntity.delete_comment / HistoryEntity.undelete_comment`.

1.1 Install

```
pip install python-taiga
```

1.2 Getting Started

Getting started with the Taiga API couldn't be easier: create a `TaigaAPI` and you're ready to go.

Note: `python-taiga` is a python wrapper for the [Taiga REST API](#). Any data structure, argument and response matches exactly the Taiga REST API, so refer to it for any usage.

1.2.1 API Credentials

The `TaigaAPI` needs your Taiga credentials. You can pass these directly to the `auth` method (see the code below).

```
from taiga import TaigaAPI

api = TaigaAPI()

api.auth(
    username='user',
    password='psw'
)
```

Alternately, you can pass a token to the constructor TaigaAPI constructor.

```
from taiga import TaigaAPI

api = TaigaAPI(token='mytoken')
```

You can also specify a different host if you use Taiga somewhere else

```
from taiga import TaigaAPI

api = TaigaAPI(
    host='http://taiga.my.host.org'
)
```

To use LDAP or other authentication backends, use auth_type argument

```
from taiga import TaigaAPI

api = TaigaAPI(
    host='http://taiga.my.host.org',
    auth_type='ldap'
)
```

To ignore SSL certificate verification (use at your own risk!) use tls_verify argument

```
from taiga import TaigaAPI

api = TaigaAPI(
    host='http://taiga.my.host.org',
    tls_verify=False
)
```

1.2.2 Get projects, user stories, task and issues

You can get projects, user stories, tasks and issues using the primary key or using slug/ref

```
new_project = api.projects.get_by_slug('nephila')
print (new_project.get_issue_by_ref(1036))
print (new_project.get_userstory_by_ref(1111))
print (new_project.get_task_by_ref(1112))
```

1.2.3 Create a project

```
new_project = api.projects.create('TEST PROJECT', 'TESTING API')
```

1.2.4 Duplicate an existing project

If you have a project, you can duplicate it (duplicates most of the settings, but not the user stories or tasks)

```
old_project = api.projects.get_by_slug('nephila')
new_project = old_project.duplicate('TEST PROJECT', 'TESTING API')
```

1.2.5 Create a new user story

```
userstory = new_project.add_user_story(
    'New Story', description='Blablablabla'
)
```

You can also create a milestone and pass it to a story

```
jan_feb_milestone = new_project.add_milestone(
    'MILESTONE 1', '2015-01-26', '2015-02-26'
)

userstory = new_project.add_user_story(
    'New Story', description='Blablablabla',
    milestone=jan_feb_milestone.id
)
```

To add a task to your user story just run

```
userstory.add_task(
    'New Task 2',
    new_project.task_statuses[0].id
)
```

1.2.6 Create a swimlane

```
newlane = new_project.add_swimlane('New Swimlane')
```

1.2.7 Create an issue

```
newissue = new_project.add_issue(
    'New Issue',
    new_project.priorities.get(name='High').id,
    new_project.issue_statuses.get(name='New').id,
    new_project.issue_types.get(name='Bug').id,
    new_project.severities.get(name='Minor').id,
    description='Bug #5'
)
```

1.2.8 Create a custom attribute

```
new_project.add_issue_attribute(  
    'Device', description='(iPad, iPod, iPhone, Desktop, etc.)'  
)  
newissue.set_attribute('1', 'Desktop')
```

1.2.9 List elements

```
projects = api.projects.list()  
stories = api.user_stories.list()
```

You can also specify filters

```
tasks = api.tasks.list(project=1)
```

By default list returns all objects, eventually getting the paginated results behind the scenes.

Pagination

Pagination is controlled by three parameters as explained below:

paginat	page_size	page	Output
	(default: 100)		
True	<integer>	None	All results retrieved by using paginated results and loading them behind the scenes, using given page size (higher page size could yield better performances)
True	<integer>	<integer>	Only results for the given page of the given size are retrieved
False	unused	unused	Current behavior: all results, ignoring pagination

Note: non numerical or false *page_size* values is casted to the default value

Examples

No pagination

```
tasks = api.tasks.list(paginate=False)
```

Warning: be aware that the unpaginated results may exceed the data the parser can handle and may result in an error.

Retrieve a single page

```
tasks_page_1 = api.tasks.list(page=1) # Will only return page 1
```

Specify the page size

```
tasks_page_1 = api.tasks.list(page=1, page_size=200) # Will 200 results from page 1
```

1.2.10 Attach a file

You can attach files to issues, user stories and tasks

```
newissue.attach('README.md', description='Read the README in Issue')
```

1.2.11 Play with instances

Instances can have actions, for example you can star a project just calling

```
new_project = api.projects.create('TEST PROJECT', 'TESTING API')
new_project.star()
```

Any instance can be updated and deleted

```
new_project.name = 'New name for my project'
new_project.update()
new_project.delete()
```

1.2.12 Search

Search function returns a SearchResult object, containing tasks, user stories and issues:

```
projects = api.projects.list()
search_result = api.search(projects[0].id, 'NEW')
for user_story in search_result.user_stories:
    print (user_story)
```

1.2.13 History

You can access the history of issues, tasks, userstories and wiki pages:

```
history = api.history.user_story.get(user_story.id)
```

1.3 TaigaAPI documentation

Contents:

```
class taiga.client.TaigaAPI(host='https://api.taiga.io', token=None, token_type='Bearer', tls_verify=True, auth_type='normal')
```

Bases: object

TaigaAPI class

Parameters

- **host** – the host of your Taiga.io instance
- **token** – the token you may provide
- **token_type** – the token type
- **tls_verify** – verify server certificate
- **auth_type** – authentication type identifier

```
auth(username, password)
```

Authenticate you

Parameters

- **username** – your username
- **password** – your password

```
auth_app(app_id, app_secret, auth_code, state='')
```

Authenticate an app

Parameters

- **app_id** – the app id
- **app_secret** – the app secret
- **auth_code** – the app auth code

```
me()
```

Get a `taiga.models.models.User` representing me

```
refresh_token(token_refresh='')
```

Refresh auth token.

Passing a token_refresh will use passed token, otherwise it will try to use self.token_refresh.

Parameters

token_refresh – the refresh token to be used to refresh api token

```
search(project, text='')
```

Search in your Taiga.io instance

Parameters

- **project** – the project id
- **text** – the query of your search

1.4 Models documentation

Contents:

class `taiga.models.models.Attachment`(*requester*, ***params*)

Bases: `InstanceResource`

Attachment base class

Parameters

- **object_id** – object_id of `Attachment`
- **project** – project of `Attachment`
- **attached_file** – attached_file of `Attachment`
- **description** – description of `Attachment`
- **is_DEPRECATED** – is_DEPRECATED of `Attachment`

delete(*query=None*)

Delete the current `InstanceResource`

classmethod parse(*requester*, *entry*)

Turns a JSON object into a model instance.

patch(*fields*, ***args*)

Patch the current `InstanceResource`

to_dict()

Get a dictionary representation of `InstanceResource`

update(***args*)

Update the current `InstanceResource`

class `taiga.models.models.Attachments`(*requester*)

Bases: `ListResource`

Attachments factory base class

create(*project*, *object_id*, *attached_file*, ***attrs*)

Create a new `Attachment`.

Parameters

- **project** – `Project` id
- **object_id** – id of the current object
- **ref** – `Task` reference
- **attached_file** – file path that you want to upload
- **attrs** – optional attributes for the `Attachment`

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.CommentableResource(requester, **params)

Bases: *InstanceResource*

CommentableResource base class

add_comment(comment)

Add a comment to the current element

Parameters

- **comment** – the comment you want to insert

delete(query=None)

Delete the current InstanceResource

classmethod parse(requester, entry)

Turns a JSON object into a model instance.

patch(fields, **args)

Patch the current InstanceResource

to_dict()

Get a dictionary representation of InstanceResource

update(**args)

Update the current InstanceResource

class taiga.models.models.CustomAttribute(requester, **params)

Bases: *InstanceResource*

CustomAttribute base class

Parameters

- **requester** – Requester instance
- **name** – name of the custom attribute
- **description** – id of the current object
- **order** – order of the custom attribute

- **project** – *Project* id

delete(query=None)
Delete the current InstanceResource

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

patch(fields, **args)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(args)**
Update the current InstanceResource

class taiga.models.models.CustomAttributeResource(requester, **params)
Bases: *InstanceResource*
CustomAttributeResource base class

delete(query=None)
Delete the current InstanceResource

get_attributes()
Get all the attributes of the current object

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

patch(fields, **args)
Patch the current InstanceResource

set_attribute(id, value, version=1)
Set attribute to a specific value

Parameters

- **id** – id of the attribute
- **value** – value of the attribute
- **version** – version of the attribute (default = 1)

to_dict()
Get a dictionary representation of InstanceResource

update(args)**
Update the current InstanceResource

class taiga.models.modelsCustomAttributes(requester)
Bases: *ListResource*
CustomAttributes factory base class

create(project, name, **attrs)
Create a new *CustomAttribute*.

Parameters

- **project** – *Project* id

- **name** – name of the custom attribute
- **attrs** – optional attributes of the custom attributes

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester*, *entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.Epic(*requester*, ***params*)

Bases: *CustomAttributeResource*, *CommentableResource*

Epic model

Parameters

- **assigned_to** – assigned to property of *Epic*
- **blocked_note** – blocked note of *Epic*
- **description** – description of *Epic* (not available in the *Epics.list()* response)
- **is_blocked** – is blocked property of *Epic*
- **is_closed** – is closed property of *Epic*
- **color** – the color of *Epic*
- **project** – the project of *TaskStatus*
- **subject** – subject of *TaskStatus*
- **tags** – tags of *TaskStatus*
- **watchers** – watchers of *TaskStatus*
- **version** – version of *Epic*

add_comment(comment)
Add a comment to the current element

Parameters

comment – the comment you want to insert

attach(attached_file, **attrs)
Attach a file to the *Epic*

Parameters

- **attached_file** – file path to attach
- **attrs** – optional attributes for the attached file

delete(query=None)
Delete the current InstanceResource

get_attributes()
Get all the attributes of the current object

list_attachments()
Get a list of *EpicAttachment*.

list_user_stories(**queryparams)
Returns the *UserStory* list of the project.

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

patch(fields, **args)
Patch the current InstanceResource

set_attribute(id, value, version=1)
Set attribute to a specific value

Parameters

- **id** – id of the attribute
- **value** – value of the attribute
- **version** – version of the attribute (default = 1)

to_dict()
Get a dictionary representation of InstanceResource

update(**args)
Update the current InstanceResource

class taiga.models.models.EpicAttachment(requester, **params)
Bases: *Attachment*
EpicAttachment class

delete(query=None)
Delete the current InstanceResource

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

```
patch(fields, **args)
    Patch the current InstanceResource

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.EpicAttachments(requester)
    Bases: Attachments

    EpicAttachments factory class

    create(project, object_id, attached_file, **attrs)
        Create a new Attachment.

        Parameters
            • project – Project id
            • object_id – id of the current object
            • ref – Task reference
            • attached_file – file path that you want to upload
            • attrs – optional attributes for the Attachment

    instance
        alias of EpicAttachment

    list(pagination=True, page_size=None, page=None, **queryparams)
        Retrieves a list of objects.

        By default uses local cache and remote pagination

        If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

        If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

        Parameters
            • pagination – Use pagination (default: True)
            • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
            • page – Page number to retrieve (default: None). Ignored if pagination is False
            • queryparams – Additional filter parameters as accepted by the remote API

        Returns
            <SearchableList>

    classmethod parse(requester, entries)
        Parse a JSON array into a list of model instances.

    parse_list(entries)
        Parse a JSON array into a list of model instances.
```

```
class taiga.models.models.EpicAttribute(requester, **params)
Bases: CustomAttribute

EpicAttribute model

delete(query=None)
    Delete the current InstanceResource

classmethod parse(requester, entry)
    Turns a JSON object into a model instance.

patch(fields, **args)
    Patch the current InstanceResource

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.EpicAttributes(requester)
Bases: CustomAttributes

EpicAttributes factory

create(project, name, **attrs)
    Create a new CustomAttribute.

    Parameters
        • project – Project id
        • name – name of the custom attribute
        • attrs – optional attributes of the custom attributes

instance
    alias of EpicAttribute

list(pagination=True, page_size=None, page=None, **queryparams)
    Retrieves a list of objects.

    By default uses local cache and remote pagination

    If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

    If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

    Parameters
        • pagination – Use pagination (default: True)
        • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
        • page – Page number to retrieve (default: None). Ignored if pagination is False
        • queryparams – Additional filter parameters as accepted by the remote API

    Returns
        <SearchableList>
```

```
classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.

parse_list(entries)
    Parse a JSON array into a list of model instances.

class taiga.models.models.EpicStatus(requester, **params)
    Bases: MoveOnDestroyMixinObject, InstanceResource

    Taiga Epic Status model

    Parameters
        • color – the color of EpicStatus
        • is_closed – closed property of EpicStatus
        • name – The name of EpicStatus
        • order – order of EpicStatus
        • project – the Taiga project of EpicStatus
        • slug – the slug of EpicStatus

    delete(move_to_id)
        Delete the current InstanceResource

    classmethod parse(requester, entry)
        Turns a JSON object into a model instance.

    patch(fields, **args)
        Patch the current InstanceResource

    to_dict()
        Get a dictionary representation of InstanceResource

    update(**args)
        Update the current InstanceResource

class taiga.models.models.EpicStatuses(requester)
    Bases: MoveOnDestroyMixinList, ListResource

    create(project, name, **attrs)
        Create a new EpicStatus.

        Parameters
            • project – Project id
            • name – name of EpicStatus
            • attrs – optional attributes of EpicStatus

    instance
        alias of EpicStatus

    list(pagination=True, page_size=None, page=None, **queryparams)
        Retrieves a list of objects.

        By default uses local cache and remote pagination

        If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
```

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.Epics(requester)

Bases: *ListResource*

Epics factory class

create(project, subject, **attrs)

Create a new *Epic*.

Parameters

- **project** – *Project* id
- **subject** – subject of *Epic*
- **attrs** – optional attributes of *Epic*

instance

alias of *Epic*

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

```
classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.

parse_list(entries)
    Parse a JSON array into a list of model instances.

class taiga.models.models.History(*args, **kwargs)
    Bases: InstanceResource

    History model

    delete(query=None)
        Delete the current InstanceResource

    classmethod parse(requester, entry)
        Turns a JSON object into a model instance.

    patch(fields, **args)
        Patch the current InstanceResource

    to_dict()
        Get a dictionary representation of InstanceResource

    update(**args)
        Update the current InstanceResource

class taiga.models.models.HistoryEntity(requester)
    Bases: object

    HistoryEntity model

    delete_comment(resource_id, comment_id)
        Delete a comment

        Parameters
            • resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

            • comment_id – id of the comment to delete

    get(resource_id)
        Get a history element

        Parameters
            resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

    undelete_comment(resource_id, comment_id)
        Undelete a comment

        Parameters
            • resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

            • comment_id – id of the comment to undelete

class taiga.models.models.HistoryEpic(*args, **kwargs)
    Bases: HistoryEntity

    HistoryEpic model
```

```
delete_comment(resource_id, comment_id)
```

Delete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to delete

```
get(resource_id)
```

Get a history element

Parameters

resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

```
undelete_comment(resource_id, comment_id)
```

Undelete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to undelete

```
class taiga.models.models.HistoryIssue(*args, **kwargs)
```

Bases: *HistoryEntity*

HistoryIssue model

```
delete_comment(resource_id, comment_id)
```

Delete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to delete

```
get(resource_id)
```

Get a history element

Parameters

resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

```
undelete_comment(resource_id, comment_id)
```

Undelete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to undelete

```
class taiga.models.models.HistoryTask(*args, **kwargs)
```

Bases: *HistoryEntity*

HistoryTask model

delete_comment(*resource_id*, *comment_id*)

Delete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to delete

get(*resource_id*)

Get a history element

Parameters

resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

undelete_comment(*resource_id*, *comment_id*)

Undelete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to undelete

class `taiga.models.models.HistoryUserStory(*args, **kwargs)`

Bases: *HistoryEntity*

HistoryUserStory model

delete_comment(*resource_id*, *comment_id*)

Delete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to delete

get(*resource_id*)

Get a history element

Parameters

resource_id – id of the resource object (resource type is defined by the HistoryEntity subclass used)

undelete_comment(*resource_id*, *comment_id*)

Undelete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to undelete

class `taiga.models.models.HistoryWiki(*args, **kwargs)`

Bases: *HistoryEntity*

HistoryWiki model

```
delete_comment(resource_id, comment_id)
```

Delete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to delete

```
get(resource_id)
```

Get a history element

Parameters

- resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)

```
undelete_comment(resource_id, comment_id)
```

Undelete a comment

Parameters

- **resource_id** – id of the resource object (resource type is defined by the HistoryEntity subclass used)
- **comment_id** – id of the comment to undelete

```
class taiga.models.models.Issue(requester, **params)
```

Bases: *CustomAttributeResource*, *CommentableResource*

Issue model

Parameters

- **requester** – Requester instance
- **assigned_to** – *User* id this issue is assigned to
- **description** – description of the issue (not available in the *Issues.list()* response)
- **is_blocked** – set if this issue is blocked or not
- **milestone** – *Milestone* id
- **project** – *Project* id
- **status** – Status id
- **severity** – class:*Severity* id
- **priority** – class:*Priority* id
- **type** – class:*Type* id
- **subject** – subject of the issue
- **tags** – array of tags
- **watchers** – array of watchers id
- **due_date** – *Issue* due date

```
add_comment(comment)
```

Add a comment to the current element

Parameters

- comment** – the comment you want to insert

attach(*attached_file*, ***attrs*)

Attach a file to the [Issue](#)

Parameters

- **attached_file** – file path to attach
- **attrs** – optional attributes for the attached file

delete(*query=None*)

Delete the current InstanceResource

downvote()

Downvote [Issue](#).

get_attributes()

Get all the attributes of the current object

list_attachments()

Get a list of [IssueAttachment](#).

classmethod parse(*requester, entry*)

Turns a JSON object into a model instance.

patch(*fields, **args*)

Patch the current InstanceResource

set_attribute(*id, value, version=1*)

Set attribute to a specific value

Parameters

- **id** – id of the attribute
- **value** – value of the attribute
- **version** – version of the attribute (default = 1)

to_dict()

Get a dictionary representation of InstanceResource

update(***args*)

Update the current InstanceResource

upvote()

Upvote [Issue](#).

class taiga.models.models.IssueAttachment(*requester, **params*)

Bases: [Attachment](#)

IssueAttachment model

delete(*query=None*)

Delete the current InstanceResource

classmethod parse(*requester, entry*)

Turns a JSON object into a model instance.

patch(*fields, **args*)

Patch the current InstanceResource

```
to_dict()
    Get a dictionary representation of InstanceResource
update(**args)
    Update the current InstanceResource
class taiga.models.models.IssueAttachments(requester)
    Bases: Attachments
    IssueAttachments factory
    create(project, object_id, attached_file, **attrs)
        Create a new Attachment.
        Parameters
            • project – Project id
            • object_id – id of the current object
            • ref – Task reference
            • attached_file – file path that you want to upload
            • attrs – optional attributes for the Attachment
    instance
        alias of IssueAttachment
    list(pagination=True, page_size=None, page=None, **queryparams)
        Retrieves a list of objects.
        By default uses local cache and remote pagination
        If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
        If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.
        Parameters
            • pagination – Use pagination (default: True)
            • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
            • page – Page number to retrieve (default: None). Ignored if pagination is False
            • queryparams – Additional filter parameters as accepted by the remote API
        Returns
            <SearchableList>
classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.
    parse_list(entries)
        Parse a JSON array into a list of model instances.
class taiga.models.models.IssueAttribute(requester, **params)
    Bases: CustomAttribute
    IssueAttribute model
```

```
delete(query=None)
    Delete the current InstanceResource

@classmethod parse(requester, entry)
    Turns a JSON object into a model instance.

patch(fields, **args)
    Patch the current InstanceResource

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.IssueAttributes(requester)
Bases: CustomAttributes

IssueAttributes factory

create(project, name, **attrs)
    Create a new CustomAttribute.

    Parameters
        • project – Project id
        • name – name of the custom attribute
        • attrs – optional attributes of the custom attributes

instance
alias of IssueAttribute

list(pagination=True, page_size=None, page=None, **queryparams)
    Retrieves a list of objects.

    By default uses local cache and remote pagination

    If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

    If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

    Parameters
        • pagination – Use pagination (default: True)
        • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
        • page – Page number to retrieve (default: None). Ignored if pagination is False
        • queryparams – Additional filter parameters as accepted by the remote API

    Returns
        <SearchableList>

@classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.
```

```
parse_list(entries)
Parse a JSON array into a list of model instances.

class taiga.models.models.IssueStatus(requester, **params)
Bases: MoveOnDestroyMixinObject, InstanceResource
Issue Status model

Parameters
• name – name of IssueStatus
• color – color of IssueStatus
• order – order of IssueStatus
• project – the taiga project of IssueStatus
• is_closed – is closed property of IssueStatus

delete(move_to_id)
Delete the current InstanceResource

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

patch(fields, **args)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(**args)
Update the current InstanceResource

class taiga.models.models.IssueStatuses(requester)
Bases: MoveOnDestroyMixinList, ListResource
IssueStatuses factory

instance
alias of IssueStatus

list(pagination=True, page_size=None, page=None, **queryparams)
Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters
• pagination – Use pagination (default: True)
• page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
• page – Page number to retrieve (default: None). Ignored if pagination is False
• queryparams – Additional filter parameters as accepted by the remote API
```

Returns
<SearchableList>

classmethod parse(*requester, entries*)
Parse a JSON array into a list of model instances.

parse_list(*entries*)
Parse a JSON array into a list of model instances.

class taiga.models.models.IssueType(*requester, **params*)
Bases: *MoveOnDestroyMixinObject, InstanceResource*
IssueType model

Parameters

- **name** – name of *IssueType*
- **color** – color of *IssueType*
- **order** – order of *IssueType*
- **project** – the taiga project of *IssueType*

delete(*move_to_id*)
Delete the current InstanceResource

classmethod parse(*requester, entry*)
Turns a JSON object into a model instance.

patch(*fields, **args*)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(*args*)**
Update the current InstanceResource

class taiga.models.models.IssueTypes(*requester*)
Bases: *MoveOnDestroyMixinList, ListResource*
IssueTypes factory

instance
alias of *IssueType*

list(*pagination=True, page_size=None, page=None, **queryparams*)
Retrieves a list of objects.
By default uses local cache and remote pagination
If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value

- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.Issues(requester)Bases: *ListResource***create**(project, subject, priority, status, issue_type, severity, **attrs)Create a new *Task*.**Parameters**

- **project** – *Project* id
- **subject** – subject of *Issue*
- **priority** – priority of *Issue*
- **status** – status of *Issue*
- **issue_type** – Issue type of *Issue*
- **severity** – severity of *Issue*
- **attrs** – optional attributes of *Task*

instancealias of *Issue***list**(pagination=True, page_size=None, page=None, **queryparams)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.Membership(*requester*, *params*)**

Bases: *InstanceResource*

Membership model

Parameters

- **email** – email of *Membership*
- **role** – role of *Membership*
- **project** – project of *Membership*

delete(*query*=None)

Delete the current *InstanceResource*

classmethod parse(*requester*, *entry*)

Turns a JSON object into a model instance.

patch(*fields*, *args*)**

Patch the current *InstanceResource*

to_dict()

Get a dictionary representation of *InstanceResource*

update(*args*)**

Update the current *InstanceResource*

class taiga.models.models.Memberships(*requester*)

Bases: *ListResource*

Memberships factory class

create(*project*, *email*, *role*, *attrs*)**

Create a new *Membership*.

Parameters

- **project** – *Project* id
- **email** – email of *Membership*
- **role** – role of *Membership*
- **attrs** – optional attributes of *Membership*

instance

alias of *Membership*

list(*pagination*=True, *page_size*=None, *page*=None, *queryparams*)**

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.Milestone(requester, **params)Bases: *InstanceResource*

Milestone model

Parameters

- **name** – the name of *Milestone*
- **project** – the Taiga project of *Milestone*
- **estimated_start** – the estimated start of *Milestone*
- **estimated_finish** – the estimated finish of *Milestone*
- **disponibility** – the disponibility of *Milestone*

delete(query=None)Delete the current *InstanceResource***classmethod parse**(requester, entry)

Turns a JSON object into a model instance.

patch(fields, **args)Patch the current *InstanceResource***stats()**Get the stats for the current *Milestone***to_dict()**Get a dictionary representation of *InstanceResource***update**(**args)Update the current *InstanceResource***class taiga.models.models.Milestones**(requester)Bases: *ListResource*

Milestones factory

create(project, name, estimated_start, estimated_finish, **attrs)Create a new *Milestone*.**Parameters**

- **project** – *Project* id

- **name** – name of [*Milestone*](#)
- **estimated_start** – est. start time of [*Milestone*](#)
- **estimated_finish** – est. finish time of [*Milestone*](#)
- **attrs** – optional attributes of [*Milestone*](#)

instance

alias of [*Milestone*](#)

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester*, *entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.MoveOnDestroyMixinList

Bases: [*object*](#)

Mixin that define a delete method with moveTo parameter

class taiga.models.models.MoveOnDestroyMixinObject

Bases: [*object*](#)

Mixin that define a delete method with moveTo parameter

class taiga.models.models.Point(*requester*, ***params*)

Bases: [*MoveOnDestroyMixinObject*](#), [*InstanceResource*](#)

Taiga Point model

Parameters

- **color** – the color of [*Point*](#)
- **value** – value of [*Point*](#)
- **name** – name of [*Point*](#)
- **order** – the order of [*Point*](#)

- **project** – the Taiga project of *Point*

delete(*move_to_id*)
Delete the current InstanceResource

classmethod parse(*requester, entry*)
Turns a JSON object into a model instance.

patch(*fields, **args*)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(*args*)**
Update the current InstanceResource

class taiga.models.models.Points(*requester*)
Bases: *MoveOnDestroyMixinList, ListResource*
Points factory

create(*project, name, value, **atrs*)
Create a new *UserStoryStatus*.

Parameters

- **project** – *Project* id
- **name** – name of *Point*
- **value** – value of *Point*
- **atrs** – optional attributes of *Point*

instance
alias of *Point*

list(*pagination=True, page_size=None, page=None, **queryparams*)
Retrieves a list of objects.
By default uses local cache and remote pagination
If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns
<SearchableList>

```
classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.

parse_list(entries)
    Parse a JSON array into a list of model instances.

class taiga.models.models.Priorities(requester)
    Bases: MoveOnDestroyMixinList, ListResource
    Priorities factory class

    create(project, name, **attrs)
        Create a new Priority.

        Parameters
            • project – Project id
            • name – email of the priority
            • attrs – optional attributes of the priority
```

```
instance
    alias of Priority
```

```
list(pagination=True, page_size=None, page=None, **queryparams)
    Retrieves a list of objects.
```

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

```
classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.
```

```
parse_list(entries)
    Parse a JSON array into a list of model instances.
```

```
class taiga.models.models.Priority(requester, **params)
    Bases: MoveOnDestroyMixinObject, InstanceResource
    Priority model
```

Parameters

- **name** – name of *Priority*

- **color** – color of the class:*Priority*
- **order** – order of the class:*Priority*
- **project** – project of the class:*Priority*

delete(*move_to_id*)
Delete the current *InstanceResource*

classmethod parse(*requester, entry*)
Turns a JSON object into a model instance.

patch(*fields, **args*)
Patch the current *InstanceResource*

to_dict()
Get a dictionary representation of *InstanceResource*

update(*args*)**
Update the current *InstanceResource*

class taiga.models.models.Project(*requester, **params*)
Bases: *InstanceResource*
Taiga project model

Parameters

- **requester** – Requester instance
- **name** – name of the project
- **description** – description of the project (not available in the *Projects.list()* response)
- **creation_template** – base template for the project
- **is_backlog_activated** – name of the project
- **is_issues_activated** – name of the project
- **is_kanban_activated** – name of the project
- **is_wiki_activated** – determines if the project is private or not
- **is_private** – determines if the project is private or not
- **videoconferences** – appear-in or talky
- **videoconferences_salt** – for videoconference chat url generation
- **total_milestones** – missing
- **total_story_points** – missing

add_epic(*subject, **attrs*)
Adds a *UserStory* and returns a *UserStory* resource.

Parameters

- **subject** – subject of *UserStory*
- **attrs** – other *UserStory* attributes

`add_issue(subject, priority, status, issue_type, severity, **attrs)`

Adds a Issue and returns a `Issue` resource.

Parameters

- **subject** – subject of `Issue`
- **priority** – priority of `Issue`
- **status** – status of `Issue`
- **issue_type** – type of `Issue`
- **severity** – severity of `Issue`
- **attrs** – other `Issue` attributes

`add_issue_attribute(name, **attrs)`

Add a new Issue attribute and return a `IssueAttribute` object.

Parameters

- **name** – name of `IssueAttribute`
- **attrs** – optional attributes for `IssueAttribute`

`add_issue_status(name, **attrs)`

Add a Issue status to the project and returns a `IssueStatus` object.

Parameters

- **name** – name of `IssueStatus`
- **attrs** – optional attributes for `IssueStatus`

`add_issue_type(name, **attrs)`

Add a Issue type to the project and returns a `IssueType` object.

Parameters

- **name** – name of `IssueType`
- **attrs** – optional attributes for `IssueType`

`add_membership(email, role, **attrs)`

Add a Membership to the project and returns a `Membership` resource.

Parameters

- **email** – email for `Membership`
- **role** – role for `Membership`
- **attrs** – role for `Membership`
- **attrs** – optional `Membership` attributes

`add_milestone(name, estimated_start, estimated_finish, **attrs)`

Add a Milestone to the project and returns a `Milestone` object.

Parameters

- **name** – name of `Milestone`
- **estimated_start** – estimated start time of the `Milestone`
- **estimated_finish** – estimated finish time of the `Milestone`

- **attrs** – optional attributes for *Milestone*

add_point(*name*, *value*, ***attrs*)

Add a Point to the project and returns a *Point* object.

Parameters

- **name** – name of *Point*
- **value** – value of *Point*
- **attrs** – optional attributes for *Point*

add_priority(*name*, ***attrs*)

Add a Priority to the project and returns a *Priority* object.

Parameters

- **name** – name of *Priority*
- **attrs** – optional attributes for *Priority*

add_role(*name*, ***attrs*)

Add a Role to the project and returns a *Role* object.

Parameters

- **name** – name of *Role*
- **attrs** – optional attributes for *Role*

add_severity(*name*, ***attrs*)

Add a Severity to the project and returns a *Severity* object.

Parameters

- **name** – name of *Severity*
- **attrs** – optional attributes for *Severity*

add_swimlane(*name*, ***attrs*)

Adds a *SwimLane* and returns a *SwimLane* resource.

Parameters

- **name** – name of *SwimLane*
- **attrs** – other *SwimLane* attributes

add_tag(*tag*, *color=None*)

Add a new tag and return a response object.

Parameters

- **tag** – name of the tag
- **color** – optional color of the tag

add_task_attribute(*name*, ***attrs*)

Add a new Task attribute and return a *TaskAttribute* object.

Parameters

- **name** – name of *TaskAttribute*
- **attrs** – optional attributes for *TaskAttribute*

`add_task_status(name, **attrs)`

Add a Task status to the project and returns a `TaskStatus` object.

Parameters

- **name** – name of `TaskStatus`
- **attrs** – optional attributes for `TaskStatus`

`add_user_story(subject, **attrs)`

Adds a `UserStory` and returns a `UserStory` resource.

Parameters

- **subject** – subject of `UserStory`
- **attrs** – other `UserStory` attributes

`add_user_story_attribute(name, **attrs)`

Add a new User Story attribute and return a `UserStoryAttribute` object.

Parameters

- **name** – name of `UserStoryAttribute`
- **attrs** – optional attributes for `UserStoryAttribute`

`add_user_story_status(name, **attrs)`

Add a UserStory status to the project and returns a `UserStoryStatus` object.

Parameters

- **name** – name of `UserStoryStatus`
- **attrs** – optional attributes for `UserStoryStatus`

`add_webhook(name, url, key, **attrs)`

Add a new Webhook and return a `Webhook` object.

Parameters

- **name** – name of `Webhook`
- **url** – payload url of `Webhook`
- **key** – secret key of `Webhook`
- **attrs** – optional attributes for `Webhook`

`add_wikilink(title, href, **attrs)`

Add a Wiki link to the project and returns a `WikiLink` object.

Parameters

- **title** – title of `WikiLink`
- **href** – href of `WikiLink`
- **attrs** – optional attributes for `WikiLink`

`add_wikipage(slug, content, **attrs)`

Add a Wiki page to the project and returns a `WikiPage` object.

Parameters

- **name** – name of `WikiPage`

- **attrs** – optional attributes for [WikiPage](#)

delete(query=None)

Delete the current InstanceResource

duplicate(name, description, is_private=False, users=[], **attrs)

Duplicate a [Project](#)

Parameters

- **name** – name of new [Project](#)
- **description** – description of new [Project](#)
- **is_private** – determines if the project is private or not
- **users** – users of the new [Project](#)
- **attrs** – optional attributes for the new [Project](#)

get_epic_by_ref(ref)

Get a [Epic](#) by ref.

Parameters

ref – [Epic](#) reference

get_issue_by_ref(ref)

Get a [Issue](#) by ref.

Parameters

ref – [Issue](#) reference

get_task_by_ref(ref)

Get a [Task](#) by ref.

Parameters

ref – [Task](#) reference

get_userstory_by_ref(ref)

Get a [UserStory](#) by ref.

Parameters

ref – [UserStory](#) reference

import_issue(subject, priority, status, issue_type, severity, **attrs)

Import and issue and returns a [Issue](#) resource.

Parameters

- **subject** – subject of [Issue](#)
- **priority** – priority of [Issue](#)
- **status** – status of [Issue](#)
- **issue_type** – issue type of [Issue](#)
- **severity** – severity of [Issue](#)
- **attrs** – optional [Issue](#) attributes

import_milestone(name, estimated_start, estimated_finish, **attrs)

Import a Milestone and returns a [Milestone](#) object.

Parameters

- **name** – name of *Milestone*
- **estimated_start** – estimated start time of the *Milestone*
- **estimated_finish** – estimated finish time of the *Milestone*
- **attrs** – optional attributes for *Milestone*

import_task(*subject*, *status*, ***attrs*)

Import a Task and return a *Task* object.

Parameters

- **subject** – subject of *Task*
- **status** – status of *Task*
- **attrs** – optional attributes for *Task*

import_user_story(*subject*, *status*, ***attrs*)

Import an user story and returns a *UserStory* resource.

Parameters

- **subject** – subject of *UserStory*
- **status** – status of *UserStory*
- **attrs** – optional *UserStory* attributes

import_wikilink(*title*, *href*, ***attrs*)

Import a Wiki link and return a *WikiLink* object.

Parameters

- **title** – title of *WikiLink*
- **href** – href of *WikiLink*
- **attrs** – optional attributes for *WikiLink*

import_wikipage(*slug*, *content*, ***attrs*)

Import a Wiki page and return a *WikiPage* object.

Parameters

- **slug** – slug of *WikiPage*
- **content** – content of *WikiPage*
- **attrs** – optional attributes for *Task*

issues_stats()

Get stats for issues of the project

like()

Like the project

list_epic_attributes()

Get the list of *EpicAttribute* resources for the project.

list_epics()

Get the list of *Epic* resources for the project.

list_issue_attributes()

Get the list of *IssueAttribute* resources for the project.

list_issue_statuses()

Get the list of *IssueStatus* resources for the project.

list_issue_types()

Get the list of *IssueType* resources for the project.

list_issues()

Returns the *Issue* list of the project.

list_memberships()

Get the list of *Membership* resources for the project.

list_milestones(queryparams)**

Get the list of *Milestone* resources for the project.

list_points()

Get the list of *Point* resources for the project.

list_priorities()

Get the list of *Priority* resources for the project.

list_roles()

Get the list of *Role* resources for the project.

list_severities()

Get the list of *Severity* resources for the project.

list_swimlanes(queryparams)**

Returns the *SwimLane* list of the project.

list_tags()

Get the list of tags for the project.

list_task_attributes()

Get the list of *TaskAttribute* resources for the project.

list_task_statuses()

Get the list of *Task* resources for the project.

list_user_stories(queryparams)**

Returns the *UserStory* list of the project.

list_user_story_attributes()

Get the list of *UserStoryAttribute* resources for the project.

list_user_story_statuses()

Get the list of *UserStoryStatus* resources for the project.

list_webhooks()

Get the list of *Webhook* resources for the project.

list_wikilinks()

Get the list of *WikiLink* resources for the project.

list_wikipages()

Get the list of *WikiPage* resources for the project.

classmethod parse(*requester, entry*)

Turns a JSON object into a model instance.

patch(*fields, **args*)

Patch the current *InstanceResource*

star()

Stars the project

Deprecated since version 0.8.5: Update Taiga and use like instead

stats()

Get the stats of the project

to_dict()

Get a dictionary representation of *InstanceResource*

unlike()

Unlike the project

unstar()

Unstars the project

Deprecated since version 0.8.5: Update Taiga and use unlike instead

update(*args*)**

Update the current *InstanceResource*

class taiga.models.models.Projects(*requester*)

Bases: *ListResource*

Projects factory

create(*name, description, **attrs*)

Create a new *Project*

Parameters

- **name** – name of *Project*
- **description** – description of *Project*
- **attrs** – optional attributes for *Project*

get_by_slug(*slug*)

Get a *Project* by slug

Parameters

slug – the slug of *Project*

instance

alias of *Project*

list(*pagination=True, page_size=None, page=None, **queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.Role(requester, **params)

Bases: *InstanceResource*

Role model

Parameters

- **requester** – Requester instance
- **name** – name of *Role*
- **slug** – slug of *Role*
- **order** – order of *Role*
- **computable** – choose if *Role* is computable or not

delete(query=None)

Delete the current *InstanceResource*

classmethod parse(requester, entry)

Turns a JSON object into a model instance.

patch(fields, **args)

Patch the current *InstanceResource*

to_dict()

Get a dictionary representation of *InstanceResource*

update(**args)

Update the current *InstanceResource*

class taiga.models.models.Roles(requester)

Bases: *ListResource*

Roles factory

create(*project*, *name*, ***attrs*)

Create a new *Role*

Parameters

- **project** – *Project* id
- **name** – name of *Role*
- **attrs** – optional attributes for *Role*

instance

alias of *Role*

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester*, *entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.Severities(*requester*)

Bases: *MoveOnDestroyMixinList*, *ListResource*

Severities factory

create(*project*, *name*, ***attrs*)

Create a new *Severity*

Parameters

- **project** – *Project* id
- **name** – name of *Severity*
- **attrs** – optional attributes for *Role*

instance

alias of *Severity*

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester*, *entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.Severity(*requester*, ***params*)

Bases: *MoveOnDestroyMixinObject*, *InstanceResource*

Severity model

Parameters

- **requester** – Requester instance
- **name** – name of *Severity*
- **order** – order of *Severity*
- **project** – *Project* id

delete(*move_to_id*)

Delete the current *InstanceResource*

classmethod parse(*requester*, *entry*)

Turns a JSON object into a model instance.

patch(*fields*, ***args*)

Patch the current *InstanceResource*

to_dict()

Get a dictionary representation of *InstanceResource*

update(***args*)

Update the current *InstanceResource*

```
class taiga.models.models.SwimLane(requester, **params)
Bases: MoveOnDestroyMixinObject, InstanceResource
```

Taiga Swimlane model

Parameters

- **name** – The name of *SwimLane*
- **order** – the order of *SwimLane*
- **project** – the project of *SwimLane*
- **statuses** – the statuses of *SwimLane*

```
delete(move_to_id)
```

Delete the current InstanceResource

```
classmethod parse(requester, entry)
```

Turns a JSON object into a model instance.

```
patch(fields, **args)
```

Patch the current InstanceResource

```
to_dict()
```

Get a dictionary representation of InstanceResource

```
update(**args)
```

Update the current InstanceResource

```
class taiga.models.models.SwimLanes(requester)
```

```
Bases: MoveOnDestroyMixinList, ListResource
```

```
create(project, name, **attrs)
```

Create a new *SwimLane*.

Parameters

- **project** – *Project* id
- **name** – name of *SwimLane*
- **attrs** – optional attributes of *SwimLane*

```
instance
```

alias of *SwimLane*

```
list(pagination=True, page_size=None, page=None, **queryparams)
```

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value

- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester, entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.Task(*requester, **params*)Bases: *CustomAttributeResource, CommentableResource*

Task model

Parameters

- **assigned_to** – assigned to property of *TaskStatus*
- **blocked_note** – blocked note of *TaskStatus*
- **description** – description of of *TaskStatus* (not available in the *Tasks.list()* response)
- **version** – version of *TaskStatus*
- **is_blocked** – is blocked property of *TaskStatus*
- **milestone** – milestone property of *TaskStatus*
- **project** – the project of *TaskStatus*
- **user_story** – the user story of *TaskStatus*
- **status** – status of *TaskStatus*
- **subject** – subject of *TaskStatus*
- **tags** – tags of *TaskStatus*
- **us_order** – the use order of *TaskStatus*
- **taskboard_order** – the taskboard order of *TaskStatus*
- **is_iocaine** – the is iocaine of *TaskStatus*
- **external_reference** – external reference of *TaskStatus*
- **watchers** – watchers of *TaskStatus*
- **due_date** – *Task* due date

add_comment(*comment*)

Add a comment to the current element

Parameters**comment** – the comment you want to insert**attach(*attached_file, **attrs*)**Attach a file to the *Task***Parameters**

- **attached_file** – file path to attach

- **attrs** – optional attributes for the attached file

delete(query=None)

Delete the current InstanceResource

get_attributes()

Get all the attributes of the current object

list_attachments()

Get a list of *TaskAttachment*.

classmethod parse(requester, entry)

Turns a JSON object into a model instance.

patch(fields, **args)

Patch the current InstanceResource

set_attribute(id, value, version=1)

Set attribute to a specific value

Parameters

- **id** – id of the attribute
- **value** – value of the attribute
- **version** – version of the attribute (default = 1)

to_dict()

Get a dictionary representation of InstanceResource

update(args)**

Update the current InstanceResource

class taiga.models.models.TaskAttachment(requester, **params)

Bases: *Attachment*

TaskAttachment model

delete(query=None)

Delete the current InstanceResource

classmethod parse(requester, entry)

Turns a JSON object into a model instance.

patch(fields, **args)

Patch the current InstanceResource

to_dict()

Get a dictionary representation of InstanceResource

update(args)**

Update the current InstanceResource

class taiga.models.models.TaskAttachments(requester)

Bases: *Attachments*

TaskAttachments factory

create(*project*, *object_id*, *attached_file*, ***attrs*)

Create a new *Attachment*.

Parameters

- **project** – *Project* id
- **object_id** – id of the current object
- **ref** – *Task* reference
- **attached_file** – file path that you want to upload
- **attrs** – optional attributes for the *Attachment*

instance

alias of *TaskAttachment*

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester*, *entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.TaskAttribute(*requester*, ***params*)

Bases: *CustomAttribute*

TaskAttribute model

delete(*query=None*)

Delete the current InstanceResource

classmethod parse(*requester*, *entry*)

Turns a JSON object into a model instance.

patch(*fields*, ***args*)

Patch the current InstanceResource

to_dict()

Get a dictionary representation of InstanceResource

update(args)**

Update the current InstanceResource

class taiga.models.models.TaskAttributes(requester)

Bases: [CustomAttributes](#)

TaskAttributes factory

create(project, name, **attrs)

Create a new [CustomAttribute](#).

Parameters

- **project** – [Project](#) id
- **name** – name of the custom attribute
- **attrs** – optional attributes of the custom attributes

instance

alias of [TaskAttribute](#)

list(pagination=True, page_size=None, page=None, **queryparams)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.TaskStatus(requester, **params)

Bases: [MoveOnDestroyMixinObject](#), [InstanceResource](#)

Task Status model

Parameters

- **name** – the name of [TaskStatus](#)

- **color** – the color of *TaskStatus*
- **order** – the order of *TaskStatus*
- **project** – the project of *TaskStatus*
- **is_closed** – the is closed property of *TaskStatus*

delete(*move_to_id*)
Delete the current InstanceResource

classmethod parse(*requester, entry*)
Turns a JSON object into a model instance.

patch(*fields, **args*)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(*args*)**
Update the current InstanceResource

class taiga.models.models.TaskStatuses(*requester*)
Bases: *MoveOnDestroyMixinList, ListResource*

create(*project, name, **attrs*)
Create a new *TaskStatus*.

Parameters

- **project** – *Project* id
- **name** – name of *TaskStatus*
- **attrs** – optional attributes of *TaskStatus*

instance
alias of *TaskStatus*

list(*pagination=True, page_size=None, page=None, **queryparams*)
Retrieves a list of objects.
By default uses local cache and remote pagination
If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns
<SearchableList>

```
classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.
```

```
parse_list(entries)
    Parse a JSON array into a list of model instances.
```

```
class taiga.models.models.Tasks(requester)
```

Bases: [ListResource](#)

Tasks factory

```
create(project, subject, status, **attrs)
```

Create a new [Task](#).

Parameters

- **project** – [Project](#) id
- **subject** – subject of [Task](#)
- **status** – status of [Task](#)
- **attrs** – optional attributes of [Task](#)

```
instance
```

alias of [Task](#)

```
list(pagination=True, page_size=None, page=None, **queryparams)
```

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

```
classmethod parse(requester, entries)
```

Parse a JSON array into a list of model instances.

```
parse_list(entries)
```

Parse a JSON array into a list of model instances.

```
class taiga.models.models.User(requester, **params)
```

Bases: [InstanceResource](#)

User model

```
delete(query=None)
    Delete the current InstanceResource

@classmethod parse(requester, entry)
    Turns a JSON object into a model instance.

patch(fields, **args)
    Patch the current InstanceResource

starred_projects()
    Get a list of starred Project.

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.UserStories(requester)
    Bases: ListResource

    UserStories factory class

    create(project, subject, **attrs)
        Create a new UserStory.

        Parameters
        • project – Project id
        • subject – subject of UserStory
        • attrs – optional attributes of UserStory

    instance
        alias of UserStory

    list(pagination=True, page_size=None, page=None, **queryparams)
        Retrieves a list of objects.

        By default uses local cache and remote pagination

        If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

        If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

        Parameters
        • pagination – Use pagination (default: True)
        • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
        • page – Page number to retrieve (default: None). Ignored if pagination is False
        • queryparams – Additional filter parameters as accepted by the remote API

    Returns
        <SearchableList>
```

```
classmethod parse(requester, entries)
```

Parse a JSON array into a list of model instances.

```
parse_list(entries)
```

Parse a JSON array into a list of model instances.

```
class taiga.models.models.UserStory(requester, **params)
```

Bases: *CustomAttributeResource*, *CommentableResource*

User Story model

Parameters

- **assigned_to** – assigned to of *UserStory*
- **assigned_users** – additional users assigned to of *UserStory*
- **backlog_order** – backlog order of *UserStory*
- **blocked_note** – blocked note of *UserStory*
- **version** – version of *UserStory*
- **client_requirement** – client requirement of *UserStory*
- **description** – description of *UserStory* (not available in the *UserStories.list()* response)
- **is_blocked** – is blocked of *UserStory*
- **kanban_order** – kanban order of *UserStory*
- **milestone** – milestone of *UserStory*
- **points** – points of *UserStory*
- **project** – project of *UserStory*
- **sprint_order** – sprint order of *UserStory*
- **status** – status of *UserStory*
- **subject** – subject of *UserStory*
- **tags** – tags of *UserStory*
- **team_requirement** – team requirement of *UserStory*
- **watchers** – watchers of *UserStory*
- **due_date** – *UserStory* due date
- **generated_from_issue** – *UserStory* parent issue
- **generated_from_task** – *UserStory* parent task

```
add_comment(comment)
```

Add a comment to the current element

Parameters

comment – the comment you want to insert

```
add_task(subject, status, **attrs)
```

Add a *Task* to the current *UserStory* and return it. :param subject: subject of *Task* :param status: status of *Task* :param attrs: optional attributes for *Task*

```
attach(attached_file, **attrs)
    Attach a file to the UserStory

    Parameters
        • attached_file – file path to attach
        • attrs – optional attributes for the attached file

delete(query=None)
    Delete the current InstanceResource

get_attributes()
    Get all the attributes of the current object

list_attachments()
    Get a list of UserStoryAttachment.

list_tasks()
    Get a list of Task in the current UserStory.

classmethod parse(requester, entry)
    Turns a JSON object into a model instance.

patch(fields, **args)
    Patch the current InstanceResource

set_attribute(id, value, version=1)
    Set attribute to a specific value

    Parameters
        • id – id of the attribute
        • value – value of the attribute
        • version – version of the attribute (default = 1)

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.UserStoryAttachment(requester, **params)
    Bases: Attachment

    UserStoryAttachment class

    delete(query=None)
        Delete the current InstanceResource

    classmethod parse(requester, entry)
        Turns a JSON object into a model instance.

    patch(fields, **args)
        Patch the current InstanceResource

    to_dict()
        Get a dictionary representation of InstanceResource
```

```
update(**args)
    Update the current InstanceResource

class taiga.models.models.UserStoryAttachments(requester)
    Bases: Attachments

    UserStoryAttachments factory class

create(project, object_id, attached_file, **attrs)
    Create a new Attachment.

    Parameters
        • project – Project id
        • object_id – id of the current object
        • ref – Task reference
        • attached_file – file path that you want to upload
        • attrs – optional attributes for the Attachment

instance
    alias of UserStoryAttachment

list(pagination=True, page_size=None, page=None, **queryparams)
    Retrieves a list of objects.

    By default uses local cache and remote pagination

    If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

    If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

    Parameters
        • pagination – Use pagination (default: True)
        • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
        • page – Page number to retrieve (default: None). Ignored if pagination is False
        • queryparams – Additional filter parameters as accepted by the remote API

    Returns
        <SearchableList>

classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.

parse_list(entries)
    Parse a JSON array into a list of model instances.

class taiga.models.models.UserStoryAttribute(requester, **params)
    Bases: CustomAttribute

    UserStoryAttribute model

delete(query=None)
    Delete the current InstanceResource
```

```
classmethod parse(requester, entry)
    Turns a JSON object into a model instance.

patch(fields, **args)
    Patch the current InstanceResource

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.UserStoryAttributes(requester)
    Bases: CustomAttributes

    UserStoryAttributes factory

create(project, name, **attrs)
    Create a new CustomAttribute.

    Parameters
        • project – Project id
        • name – name of the custom attribute
        • attrs – optional attributes of the custom attributes

instance
    alias of UserStoryAttribute

list(pagination=True, page_size=None, page=None, **queryparams)
    Retrieves a list of objects.

    By default uses local cache and remote pagination

    If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

    If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

    Parameters
        • pagination – Use pagination (default: True)
        • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
        • page – Page number to retrieve (default: None). Ignored if pagination is False
        • queryparams – Additional filter parameters as accepted by the remote API

    Returns
        <SearchableList>

classmethod parse(requester, entries)
    Parse a JSON array into a list of model instances.

parse_list(entries)
    Parse a JSON array into a list of model instances.
```

```
class taiga.models.models.UserStoryStatus(requester, **params)
```

Bases: *MoveOnDestroyMixinObject, InstanceResource*

Taiga User Story Status model

Parameters

- **color** – the color of *UserStoryStatus*
- **is_closed** – closed property of *UserStoryStatus*
- **name** – The name of *UserStoryStatus*
- **order** – order of *UserStoryStatus*
- **project** – the Taiga project of *UserStoryStatus*
- **wip_limit** – wip limit of *UserStoryStatus*

```
delete(move_to_id)
```

Delete the current InstanceResource

```
classmethod parse(requester, entry)
```

Turns a JSON object into a model instance.

```
patch(fields, **args)
```

Patch the current InstanceResource

```
to_dict()
```

Get a dictionary representation of InstanceResource

```
update(**args)
```

Update the current InstanceResource

```
class taiga.models.models.UserStoryStatuses(requester)
```

Bases: *MoveOnDestroyMixinList, ListResource*

```
create(project, name, **attrs)
```

Create a new *UserStoryStatus*.

Parameters

- **project** – *Project* id
- **name** – name of *UserStoryStatus*
- **attrs** – optional attributes of *UserStoryStatus*

```
instance
```

alias of *UserStoryStatus*

```
list(pagination=True, page_size=None, page=None, **queryparams)
```

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)

- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.Users(requester)Bases: *ListResource*

Users factory class

instancealias of *User***list**(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.Webhook(requester, ***params*)Bases: *InstanceResource*

Webhook model

Parameters

- **requester** – Requester instance
- **name** – name of *Webhook*

- **url** – payload url of [Webhook](#)
- **key** – secret key of [Webhook](#)

delete(query=None)
Delete the current InstanceResource

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

patch(fields, **args)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(args)**
Update the current InstanceResource

class taiga.models.models.Webhooks(requester)
Bases: [ListResource](#)
Webhooks factory

create(project, name, url, key, **attrs)
Create a new [Webhook](#)

Parameters

- **project** – [Project](#) id
- **name** – name of [Webhook](#)
- **url** – payload url of [Webhook](#)
- **key** – secret key of [Webhook](#)
- **attrs** – optional attributes for [Webhook](#)

instance
alias of [Webhook](#)

list(pagination=True, page_size=None, page=None, **queryparams)
Retrieves a list of objects.
By default uses local cache and remote pagination
If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns
<SearchableList>

classmethod parse(requester, entries)
Parse a JSON array into a list of model instances.

parse_list(entries)
Parse a JSON array into a list of model instances.

class taiga.models.models.WikiAttachment(requester, **params)
Bases: *Attachment*
WikiAttachment model

delete(query=None)
Delete the current InstanceResource

classmethod parse(requester, entry)
Turns a JSON object into a model instance.

patch(fields, **args)
Patch the current InstanceResource

to_dict()
Get a dictionary representation of InstanceResource

update(**args)
Update the current InstanceResource

class taiga.models.models.WikiAttachments(requester)
Bases: *Attachments*
WikiAttachments factory

create(project, object_id, attached_file, **attrs)
Create a new *Attachment*.

Parameters

- **project** – *Project* id
- **object_id** – id of the current object
- **ref** – *Task* reference
- **attached_file** – file path that you want to upload
- **attrs** – optional attributes for the *Attachment*

instance
alias of *WikiAttachment*

list(pagination=True, page_size=None, page=None, **queryparams)
Retrieves a list of objects.
By default uses local cache and remote pagination
If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.
If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(requester, entries)

Parse a JSON array into a list of model instances.

parse_list(entries)

Parse a JSON array into a list of model instances.

class taiga.models.models.WikiLink(requester, **params)

Bases: *InstanceResource*

WikiLink model

Parameters

- **project** – *Project* id
- **title** – title of the wiki link
- **href** – href for the wiki link
- **order** – order of the wiki link

delete(query=*None*)

Delete the current *InstanceResource*

classmethod parse(requester, entry)

Turns a JSON object into a model instance.

patch(fields, **args)

Patch the current *InstanceResource*

to_dict()

Get a dictionary representation of *InstanceResource*

update(**args)

Update the current *InstanceResource*

class taiga.models.models.WikiLinks(requester)

Bases: *ListResource*

WikiLinks factory

create(project, title, href, **attrs)

Create a new *WikiLink*

Parameters

- **project** – *Project* id
- **title** – title of the wiki link
- **href** – href for the wiki link

- **attrs** – optional attributes for the [WikiLink](#)

instance

alias of [WikiLink](#)

list(*pagination=True*, *page_size=None*, *page=None*, ***queryparams*)

Retrieves a list of objects.

By default uses local cache and remote pagination

If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

Parameters

- **pagination** – Use pagination (default: *True*)
- **page_size** – Size of the pagination page (default: *100*). Any non numeric value will be casted to the default value
- **page** – Page number to retrieve (default: *None*). Ignored if *pagination* is *False*
- **queryparams** – Additional filter parameters as accepted by the remote API

Returns

<SearchableList>

classmethod parse(*requester*, *entries*)

Parse a JSON array into a list of model instances.

parse_list(*entries*)

Parse a JSON array into a list of model instances.

class taiga.models.models.WikiPage(*requester*, ***params*)

Bases: [InstanceResource](#)

WikiPage model

Parameters

- **project** – [Project](#) id
- **slug** – slug of the wiki page
- **content** – content of the wiki page
- **watchers** – list of watchers id

attach(*attached_file*, ***attrs*)

Attach a file to the [WikiPage](#)

Parameters

- **attached_file** – file path to attach
- **attrs** – optional attributes for the attached file

delete(*query=None*)

Delete the current InstanceResource

list_attachments()

Get a list of [WikiAttachment](#).

```
classmethod parse(requester, entry)
    Turns a JSON object into a model instance.

patch(fields, **args)
    Patch the current InstanceResource

to_dict()
    Get a dictionary representation of InstanceResource

update(**args)
    Update the current InstanceResource

class taiga.models.models.WikiPages(requester)
    Bases: ListResource

    WikiPages factory

    create(project, slug, content, **attrs)
        create a new WikiPage

        Parameters
            • project – Project id
            • slug – slug of the wiki page
            • content – content of the wiki page
            • attrs – optional attributes for the WikiPage

    instance
        alias of WikiPage

    list(pagination=True, page_size=None, page=None, **queryparams)
        Retrieves a list of objects.

        By default uses local cache and remote pagination

        If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

        If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

        Parameters
            • pagination – Use pagination (default: True)
            • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
            • page – Page number to retrieve (default: None). Ignored if pagination is False
            • queryparams – Additional filter parameters as accepted by the remote API

        Returns
            <SearchableList>

    classmethod parse(requester, entries)
        Parse a JSON array into a list of model instances.

    parse_list(entries)
        Parse a JSON array into a list of model instances.
```

```
class taiga.models.base.InstanceResource(requester, **params)
    InstanceResource model
    Base class for methods that operates on a single resource (update\(\), patch\(\), delete\(\)).

    Parameters
        • requester – Requester instance
        • params – :various parameters

    delete(query=None)
        Delete the current InstanceResource

    classmethod parse(requester, entry)
        Turns a JSON object into a model instance.

    patch(fields, **args)
        Patch the current InstanceResource

    to_dict()
        Get a dictionary representation of InstanceResource

    update(**args)
        Update the current InstanceResource

class taiga.models.base.ListResource(requester)
    ListResource model
    Base class for methods that operates on a list of resources (list\(\), get\(\), delete\(\)).

    Parameters
        requester – Requester instance

    list(pagination=True, page_size=None, page=None, **queryparams)
        Retrieves a list of objects.

        By default uses local cache and remote pagination

        If pagination is used and no page is requested (the default), all the remote objects are retrieved and appended in a single list.

        If pagination is disabled, all the objects are fetched from the endpoint and returned. This may trigger some parsing error if the result set is very large.

    Parameters
        • pagination – Use pagination (default: True)
        • page_size – Size of the pagination page (default: 100). Any non numeric value will be casted to the default value
        • page – Page number to retrieve (default: None). Ignored if pagination is False
        • queryparams – Additional filter parameters as accepted by the remote API

    Returns
        <SearchableList>

    classmethod parse(requester, entries)
        Parse a JSON array into a list of model instances.
```

```
parse_list(entries)
Parse a JSON array into a list of model instances.

class taiga.models.base.SearchableList(iterable=(), /)
```

1.5 Development & community

python-taiga is an open-source project.

You don't need to be an expert developer to make a valuable contribution - all you need is a little knowledge, and a willingness to follow the contribution guidelines.

Refer to [Nephila contribution guidelines](#) for the general contribution guidelines and code of conduct.

1.6 Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

Refer to [Nephila contribution guidelines](#) for the general contribution guidelines and code of conduct.

You can contribute in many ways:

1.6.1 Types of Contributions

Report Bugs

Report bugs at <https://github.com/nephila/python-taiga/issues>.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with "bug" is open to whoever wants to implement it.

Implement Features

Look through the GitHub issues for features. Anything tagged with "feature" is open to whoever wants to implement it.

Write Documentation

python-taiga could always use more documentation, whether as part of the official python-taiga docs, in docstrings, or even on the web in blog posts, articles, and such.

Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/nephila/python-taiga/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

Get Started!

Ready to contribute? Here's how to set up python-taiga for local development.

1. Fork the python-taiga repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/python-taiga.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv taiga
$ cd taiga/
$ pip install -e .
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ tox
```

To get tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:

```
$ git add .
$ git commit -m "Your detailed description of your changes."
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

1.6.2 Development tips

This project allows you to use [pre-commit](#) to ensure an easy compliance to the project code styles.

If you want to use it, install it globally (for example with `pip3 install --user precommit`, but check [installation instruction](#). When first cloning the project ensure you install the git hooks by running `pre-commit install`.

From now on every commit will be checked against our code style.

Check also the available tox environments with `tox -l`: the ones not marked with a python version number are tools to help you work on the project by checking / formatting code style, running docs etc.

1.6.3 Testing tips

You can test your project using any specific version of python.

For example `tox -epy37` runs the tests on python 3.7.

Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. Pull request must be named with the following naming scheme:

`<type>/(<optional-task-type>-)<number>-description`

See below for available types.

2. The pull request should include tests.
3. If the pull request adds functionality, the docs should be updated. Documentation must be added in `README.rst` file, and must include usage information for the end user. In case of public API method, add extended docstrings with full parameters description and usage example.
4. Add a changes file in `changes` directory describing the contribution in one line. It will be added automatically to the history file upon release. File must be named as `<issue-number>. <type>` with type being:
 - `.feature`: For new features.
 - `.bugfix`: For bug fixes.
 - `.doc`: For documentation improvement.
 - `.removal`: For deprecation or removal of public API.
 - `.misc`: For general issues.

Check [towncrier](#) documentation for more details.

5. The pull request should work for all python versions declared in `tox.ini`. Check the CI and make sure that the tests pass for all supported versions.

Release a version

1. Update authors file
2. Merge develop on master branch
3. Bump release via task: `inv tag-release --level=(major|minor|patch)`
4. Update changelog via towncrier: `towncrier --yes`
5. Commit changelog with `git commit --amend` to merge with bump-my-version commit
6. Create tag `git tag <version>`
7. Push tag to github
8. Publish the release from the tags page
9. If pipeline succeeds, push master
10. Merge master back on develop
11. Bump development version via task: `inv tag-dev --level=release`
12. Push develop

To increment dev version use `inv tag-dev --level=relver`` (e.g. to pass from `1.2.0.dev1` to `1.2.0.dev2`)

1.7 History

1.7.1 1.3.0 (2024-01-02)

Features

- Switch to bump-my-version (#140)
- Switch to Coveralls Github action (#155)
- Add a duplicate() method to Project. (#161)
- Adds SwimLane/SwimLanes models and support to add/list in Project. (#162)
- Adds the ability to read/write the default_swimlane attribute in Project. (#166)

Bugfixes

- Add the version parameter to the alloed parameter so the requester can access it. (#149)

1.7.2 1.2.0 (2023-08-23)

Features

- Add list_attachments on WikiPage (#100)
- Add refresh_token API call (#131)

Bugfixes

- Add count to SearchResult object, fix wikipages attribute name in SearchResult object (#111)
- Add moveTo parameter in delete methods when needed by Taiga API (#130)
- Fix ruff linting error (#134)

1.7.3 1.1.0 (2023-04-23)

Features

- Update tooling, drop Python 2 (#59)
- Implement list_epic_attributes() (#103)
- Update packaging - python versions (#124)

Bugfixes

- Update HistoryItem methods signatures (#97)
- Improve models documentation (#105)
- Add refresh token support to tests/resources/auth_users_success.json (#114)
- Fix pagination (#116)
- Update linting tools and fix code style (#117)

Improved Documentation

- Improve documentation (#58)

1.7.4 1.0.0 (2019-08-08)

- Add support for python 3.7
- Add support for epics
- Add support for additional attributes from Taiga 3.2/3.3
- Improve models
- Improve pagination support
- Fix and enforce code style

1.7.5 0.9.0 (2018-01-31)

- Add support for multiple authentication backends
- Add support for self-signed and not verified SSL certificates
- Add support for webhooks
- Add pagination support for lists
- Add debian packaging
- Avoid installing tests as a separate module
- Move documentation to readthedocs
- Add support for Python 3.5/3.6

1.7.6 0.8.6 (2016-08-26)

- Fix header values to be strings instead of boolean
- Fix requests compatibility issues

1.8 Indices and tables

- genindex
- modindex
- search

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