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# **aiobearychat Documentation**

***0.2.0***

**mozillazg**

**8 27, 2017**



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## Contents

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## BearyChat Python SDK

- Free software: MIT license
- Documentation: <https://aiobearychat.readthedocs.org>
- GitHub: <https://github.com/mozillazg/aiobearychat>
- PyPI: <https://pypi.python.org/pypi/aiobearychat>
- Python version: 3.5, 3.6



# CHAPTER 1

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## Features

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- OpenAPI
- RTM HTTP API
- HTTP aiohttp, tornado, ...)





## aiobearychat

BearyChat Python SDK

- Free software: MIT license
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- PyPI: <https://pypi.python.org/pypi/aiobearychat>
- Python version: 3.5, 3.6

### Features

- OpenAPI
- RTM HTTP API
- HTTP aiohttp, tornado, ...)

### Installation

At the command line:

```
$ pip install aiobearychat[aiohttp]
```

### Usage

## OpenAPI

```
import aiohttp

from aiobearychat.openapi.aiohttp import OpenAPI

async def main(token):
    async with aiohttp.ClientSession() as session:
        api = OpenAPI(session, token=token)
        response = await api.user.list()
        print(response.json())
```

## RTM HTTP API

```
import aiohttp

from aiobearychat.rtm.aiohttp import RtmAPI

async def main(token):
    async with aiohttp.ClientSession() as session:
        api = RtmAPI(session, token=token)
        response = await api.start()
        pprint(response.json())
```

## Credits

This package was created with [Cookiecutter](#) and the [mozillazg/cookiecutter-pypackage](#) project template.

## Installation

At the command line:

```
$ pip install aiobearychat
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv aiobearychat
$ pip install aiobearychat
```

## API (OpenAPI)

```
import aiohttp

from aiobearychat.openapi.aiohttp import OpenAPI
```

```

async def main(token):
    async with aiohttp.ClientSession() as session:
        api = OpenAPI(session, token=token)
        response = await api.user.list()
        print(response.json())

```

*aioibearychat.openapi.aiohttp.OpenAPI aioibearychat.openapi.OpenAPI aiohttp http*  
*api aioibearychat.openapi.OpenAPI*

aiohttp http :

- *aioibearychat.openapi.aiohttp.OpenAPI*

## RTM HTTP API

```

import aiohttp

from aioibearychat.rtm.aiohttp import RtmAPI

async def main(token):
    async with aiohttp.ClientSession() as session:
        api = RtmAPI(session, token=token)
        response = await api.start()
        pprint(response.json())

```

*aioibearychat.rtm.aiohttp.RtmAPI aioibearychat.rtm.RtmAPI aiohttp http*  
*api aioibearychat.rtm.RtmAPI*

aiohttp http :

- *aioibearychat.rtm.aiohttp.RtmAPI*

## Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

## Types of Contributions

### Report Bugs

Report bugs at <https://github.com/mozillazg/aiobearychat/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

aiobearychat could always use more documentation, whether as part of the official aiobearychat 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/mozillazg/aiobearychat/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 *aiobearychat* for local development.

1. Fork the *aiobearychat* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/aiobearychat.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 aiobearychat
$ cd aiobearychat/
$ python setup.py develop
```

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:

```
$ flake8 aiobearychat tests
$ python setup.py test
$ tox
```

To get flake8 and 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.

## Pull Request Guidelines

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

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 3.5 and 3.6. Check [https://travis-ci.org/mozillazg/aiobearychat/pull\\_requests](https://travis-ci.org/mozillazg/aiobearychat/pull_requests) and make sure that the tests pass for all supported Python versions.

## Tips

To run a subset of tests:

```
$ py.test tests/test_aiobearychat.py
```

## Credits

### Development Lead

- mozillazg <mozillazg101@gmail.com>

## Contributors

None yet. Why not be the first?

## Changelog

### 0.1.0 (2017-08-20)

- First release on PyPI.
- OpenAPI API.

## API Reference

### aiobearychat.abc

```
class aiobearychat.abc.API (requester: aiobearychat.abc.Requester, token: str, *, base_url: str,
                             **kwargs)
```

```
class aiobearychat.abc.Requester
```

```
    request (method: str, url: str, body: bytes = b'', headers: typing.Union[typing.Dict, NoneType] =
              None, **requester_params: typing.Dict) → aiobearychat.sansio.Response
```

```
    sleep (seconds: float) → None
```

### aiobearychat.requesters.aiohttp

```
class aiobearychat.requesters.aiohttp.Requester (session: aiohttp.client.ClientSession,
                                                  *args: typing.Any, **kwargs: typing.Any)
                                                  → None
```

```
    request (method: str, url: str, body: bytes = b'', headers: typing.Union[typing.Dict, NoneType] =
              None, **requester_params: typing.Any) → aiobearychat.sansio.Response
```

```
    sleep (seconds: float) → None
```

### aiobearychat.sansio

```
class aiobearychat.sansio.Response (status, headers, body) body = Attribute
```

```
    headers = Attribute(name='headers', default=NOTHING, validator=None, repr=True, cmp=True, hash=None, init=True,
```

```
    json () → typing.Any
        body
```

```
    status = Attribute(name='status', default=NOTHING, validator=None, repr=True, cmp=True, hash=None, init=True, c
        200
```

```
aiobearychat.sansio.clean_nothing_keys (origin_dict: typing.Dict) → typing.Dict
    value NOTHING key
```

```
aiobearychat.sansio.format_url (url: str, url_params: typing.Union[typing.Dict, NoneType] =
                                None) → str
```

## aiobearychat.openapi

```
class aiobearychat.openapi.OpenAPI (requester: aiobearychat.abc.Requester, token: str = NOTHING, *, base_url: str = '')
    API (OpenAPI).
```

- **requester** (*aiobearychat.abc.Requester*) – requester
- **token** (*str*) – RTM token, hubot
- **base\_url** (*str*) – API

### Members

### Undoc-members

```
base_url
    API https://api.bearychat.com/v1

meta
    meta API ( aiobearychat.openapi.meta_api.MetaAPI ).

team
    API ( aiobearychat.openapi.team_api.TeamAPI ).

user
    API ( aiobearychat.openapi.user_api.UserAPI ).

vchannel
    API ( aiobearychat.openapi.vchannel_api.VchannelAPI ).

channel
    API ( aiobearychat.openapi.channel_api.ChannelAPI ).

session_channel
    API ( aiobearychat.openapi.session_channel_api.SessionChannelAPI ).

p2p
    P2P API ( aiobearychat.openapi.p2p_api.P2pAPI ).

message
    API ( aiobearychat.openapi.message_api.MessageAPI ).

emoji
    emoji API ( aiobearychat.openapi.emoji_api.EmojiAPI ).

sticker
    sticker API ( aiobearychat.openapi.sticker_api.StickerAPI ).

rtm
    RTM API ( aiobearychat.openapi.rtm_api.RtmAPI ).
```

## aiobearychat.openapi.aiohttp

```
class aiobearychat.openapi.aiohttp.OpenAPI (session: aiohttp.client.ClientSession, token: str =
                                             NOTHING, *, base_url: str = '')
    aiohttp OpenAPI API HTTP
```

:

```

async def main(token):
    async with aiohttp.ClientSession() as session:
        api = OpenAPI(session, token=token)
        response = await api.user.list()
        print(response.json())

```

## aiobearychat.openapi.channel\_api

API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.channel\_api.**ChannelAPI** (*requester: aiobearychat.abc.Requester,*  
*token: str, \*, base\_url: str, \*\*kwargs*)

API.

**archive** (*channel\_id: str, \*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.archive.md>

```

channel_id(str) - id (: =bw520)

response. aiobearychat.sansio.Response
aiobearychat.sansio.Response

```

response.body :

```

response.status 200 :

{
    "private": false,
    "general": true,
    "latest_ts": 1486367046281,
    "uid": "=bw520",
    "name": "",
    "is_member": false,
    "is_active": false,
    "type": "normal",
    "topic": null,
    "member_uids": [
        "=bw520"
    ],
    "vchannel_id": "=bw520",
    "id": "=bw520",
    "team_id": "=bw520"
}

```

**create** (*name: str, \*, topic: str = NOTHING, private: bool = NOTHING, \*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.create.md>

**param name**

2 20 1 10

(\_) (-) (: ) :type name: str



```

param topic (:)
type topic str
param private
type private bool
return response. aiobearychat.sansio.Response
rtype aiobearychat.sansio.Response
response.body:

```

```

response.status 201 :

{
  "private": false,
  "general": true,
  "latest_ts": 1486367046281,
  "uid": "=bw520",
  "name": "",
  "is_member": false,
  "is_active": true,
  "type": "normal",
  "topic": null,
  "member_uids": [
    "=bw520"
  ],
  "vchannel_id": "=bw520",
  "id": "=bw520",
  "team_id": "=bw520"
}

```

**info** (*channel\_id*: str, *\*\*requester\_params*: typing.Any) → *aiobearychat.sansio.Response*

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.info.md>

```

channel_id(str) – id (: =bw520)
response. aiobearychat.sansio.Response
aiobearychat.sansio.Response

```

response.body:

```

response.status 200 :

{
  "private": false,
  "general": true,
  "latest_ts": 1486367046281,
  "uid": "=bw520",
  "name": "",
  "is_member": false,
  "is_active": true,
  "type": "normal",
  "topic": null,
  "member_uids": [
    "=bw520"
  ],
  "vchannel_id": "=bw520",
  "id": "=bw520",

```

```

    "team_id": "=bw520"
  }

```

**invite** (*channel\_id*: str, *invite\_uid*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.invite.md>

- **channel\_id**(str) – id (: =bw520)
- **invite\_uid**(str) – id (: =bw520)

response. *aiobearychat.sansio.Response*  
*aiobearychat.sansio.Response*

response.body :

```
response.status 204 :
```

**join** (*channel\_id*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.join.md>

**channel\_id**(str) – id (: =bw520)

response. *aiobearychat.sansio.Response*  
*aiobearychat.sansio.Response*

response.body :

```

response.status 200 :

{
  "private": false,
  "general": false,
  "latest_ts": 1486367046281,
  "uid": "=bw520",
  "name": "",
  "is_member": false,
  "is_active": true,
  "type": "normal",
  "topic": null,
  "member_uids": [
    "=bw520"
  ],
  "vchannel_id": "=bw520",
  "id": "=bw520",
  "team_id": "=bw520"
}

```

**kick** (*channel\_id*: str, *kick\_uid*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.kick.md>

- **channel\_id**(str) – id (: =bw520)
- **kick\_uid**(str) – id (: =bw520)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 204 :
```

**kickout** (*channel\_id: str, kick\_uid: str, \*\*requester\_params: typing.Any*) → *aiobearychat.sansio.Response*  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.kickout.md>

- **channel\_id**(*str*) – *id* (: =bw520)

- **kick\_uid**(*str*) – *id* (: =bw520)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 204 :
```

**leave** (*channel\_id: str, \*\*requester\_params: typing.Any*) → *aiobearychat.sansio.Response*  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.leave.md>

**channel\_id**(*str*) – *id* (: =bw520)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 204 :
```

**list** (*\*\*requester\_params: typing.Any*) → *aiobearychat.sansio.Response*  
 channel.info.

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.list.md>

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :

[
  {
    "private": false,
    "general": true,
    "latest_ts": 1486367046281,
    "uid": "=bw520",
    "name": "",
    "is_member": false,
    "is_active": true,
    "type": "normal",
    "topic": null,
    "member_uids": [
      "=bw520"
    ],
  },
]
```

```
    "vchannel_id": "=bw520",
    "id": "=bw520",
    "team_id": "=bw520"
  }
]
```

**unarchive** (*channel\_id: str, \*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/channel.unarchive.md>

**channel\_id** (str) – id (=bw520)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :
{
  "private": false,
  "general": true,
  "latest_ts": 1486367046281,
  "uid": "=bw520",
  "name": "",
  "is_member": false,
  "is_active": true,
  "type": "normal",
  "topic": null,
  "member_uids": [
    "=bw520"
  ],
  "vchannel_id": "=bw520",
  "id": "=bw520",
  "team_id": "=bw520"
}
```

## aiobearychat.openapi.emoji\_api

emoji API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.emoji\_api.**EmojiAPI** (*requester: aiobearychat.abc.Requester, token: str, \*, base\_url: str, \*\*kwargs*)

emoji API.

**list** (*\*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
emoji .

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/emoji.list.md>

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :
```

```
[
  {
    "id": "bw520",
    "uid": "bw520",
    "team_id": "bw520",
    "name": "hello",
    "type": "emoji",
    "created": "2017-03-13T13:54:16.000+0000",
    "updated": "2017-03-13T13:54:16.000+0000",
    "url": "http://example.com/1.jpg"
  }
]
```

## aiobearychat.openapi.message\_api

API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.message\_api.**MessageAPI** (*requester: aiobearychat.abc.Requester,*  
*token: str, \*, base\_url: str, \*\*kwargs)*

API.

**create** (*vchannel\_id: str, text: str, attachments: list, \*\*requester\_params: typing.Any*) →

aiobearychat.sansio.Response

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/message.create.md>

- **vchannel\_id** (str) – id (=bw520)

- **text** (str) – (:) )

- **attachments** (list) –

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body:

```
response.status 201 :

{
  "key": "1485236262366.0193",
  "updated": "2017-01-24T13:37:42.000+0000",
  "is_channel": false,
  "uid": "bw520",
  "fallback": null,
  "attachments": [],
  "created": "2017-01-24T13:37:42.000+0000",
  "vchannel_id": "bw520",
  "refer_key": null,
  "robot_id": null,
  "created_ts": 1485236262366,
  "team_id": "bw520",
  "subtype": "normal",
  "text": "hello"
}
```

**delete** (*vchannel\_id*: str, *message\_key*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/message.delete.md>

- **vchannel\_id**(str) – id (: =bw520)
- **message\_key**(str) – key (: 1487667236785.0077)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 204 :
```

**info** (*vchannel\_id*: str, *message\_key*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/message.info.md>

- **vchannel\_id**(str) – id (: =bw520)
- **message\_key**(str) – key (: 1487667236785.0077)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :

{
  "key": "1485236262366.0193",
  "updated": "2017-01-24T13:37:42.000+0000",
  "is_channel": false,
  "uid": "=bw520",
  "fallback": null,
  "attachments": [],
  "created": "2017-01-24T13:37:42.000+0000",
  "vchannel_id": "=bw520",
  "refer_key": null,
  "robot_id": null,
  "created_ts": 1485236262366,
  "team_id": "=bw520",
  "subtype": "normal",
  "text": "hello"
}
```

**query** (*vchannel\_id*: str, *query*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
vchannel

vchannel

- limit: 100, 20
- key: key, ts
- ts: ts, ts

```

    •forward:
    •backward:

:
1.key key
2.ts ts
3.forward/backward
4.forward/backward 100,
5.forward/backward forward=100

    •from_key/to_key: key
    •from_ts/to_ts: ts
    •forward: from to
    •backward: to from

:
1.{from,to}_key {from,to}_ts
2.{from,to}_key key
3.{from,to}_ts ts
4.forward backward
5.forward/backward forward=100
6. https://github.com/bearyinnovative/OpenAPI/blob/master/api/message.query.md
    param vchannel_id vchannel_id (: =bw520)
    type vchannel_id str
    param query payload
    type query str
    return response. aiobearychat.sansio.Response
    rtype aiobearychat.sansio.Response
response.body:

```

```

response.status 200 :

{
  "messages": [
    {
      "key": "1485236262366.0193",
      "updated": "2017-01-24T13:37:42.000+0000",
      "is_channel": false,
      "uid": "=bw520",
      "fallback": null,
      "attachments": [],
      "created": "2017-01-24T13:37:42.000+0000",
      "vchannel_id": "=bw520",
      "refer_key": null,

```

```
        "robot_id": null,  
        "created_ts": 1485236262366,  
        "team_id": "=bw520",  
        "subtype": "normal",  
        "text": "hello"  
    }  
]  
}
```

**update\_text** (*vchannel\_id*: str, *message\_key*: str, *text*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/message.update\\_text.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/message.update_text.md)

- **vchannel\_id** (str) – id (: =bw520)
- **message\_key** (str) – key (: 1487667236785.0077)
- **text** (str) – (:) )

response. aiobearychat.sansio.Response

aiobearychat.sansio.Response

response.body :

```
response.status 200 :  
  
{  
    "key": "1485236262366.0193",  
    "updated": "2017-01-24T13:37:42.000+0000",  
    "is_channel": false,  
    "uid": "=bw520",  
    "fallback": null,  
    "attachments": [],  
    "created": "2017-01-24T13:37:42.000+0000",  
    "vchannel_id": "=bw520",  
    "refer_key": null,  
    "robot_id": null,  
    "created_ts": 1485236262366,  
    "team_id": "=bw520",  
    "subtype": "normal",  
    "text": "hello"  
}
```

## aiobearychat.openapi.meta\_api

meta API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.meta\_api.**MetaAPI** (*requester*: aiobearychat.abc.Requester, *token*: str, \*, *base\_url*: str, *\*\*kwargs*)

meta API.

**get** (*\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
BearyChat API

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/meta.md>



```

response. aiobearychat.sansio.Response
aiobearychat.sansio.Response
response.body :

```

```

response.status 200 :

{
  "version": "1"
}

```

## aiobearychat.openapi.p2p\_api

P2P API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.p2p\_api.**P2pAPI** (*requester: aiobearychat.abc.Requester, token: str, \*, base\_url: str, \*\*kwargs*)

P2P API.

**create** (*user\_id: str, \*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
P2P

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/p2p.create.md>

**user\_id** (str) – P2P id (: =bw520)

```

response. aiobearychat.sansio.Response
aiobearychat.sansio.Response

```

response.body :

```

response.status 201 :

{
  "id": "=bw520",
  "team_id": "=bw520",
  "vchannel_id": "=bw520",
  "type": "p2p",
  "is_active": true,
  "is_member": true,
  "member_uids": [
    "=bw520",
    "=bw52P"
  ],
  "latest_ts": 1485238998284
}

```

**info** (*p2p\_channel\_id: str, \*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
P2P

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/p2p.info.md>

**p2p\_channel\_id** (str) – P2P id (: =bw520)

```

response. aiobearychat.sansio.Response
aiobearychat.sansio.Response

```

```
response.body:
```

```
response.status 200 :

{
  "id": "=bw520",
  "team_id": "=bw520",
  "vchannel_id": "=bw520",
  "type": "p2p",
  "is_active": true,
  "is_member": true,
  "member_uids": [
    "=bw520",
    "=bw52P"
  ],
  "latest_ts": 1485238998284
}
```

```
list (**requester_params: typing.Any) → aiobearychat.sansio.Response
P2P P2P p2p.info.
```

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/p2p.list.md>

```
response. aiobearychat.sansio.Response
```

```
aiobearychat.sansio.Response
```

```
response.body:
```

```
response.status 200 :

[
  {
    "id": "=bw520",
    "team_id": "=bw520",
    "vchannel_id": "=bw520",
    "type": "p2p",
    "is_active": true,
    "is_member": true,
    "member_uids": [
      "=bw520",
      "=bw52P"
    ],
    "latest_ts": 1485238998284
  }
]
```

## aiobearychat.openapi.rtm\_api

RTM API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

```
class aiobearychat.openapi.rtm_api.RtmAPI (requester: aiobearychat.abc.Requester, token: str,
*, base_url: str, **kwargs)
```

RTM API.

```
start (**requester_params: typing.Any) → aiobearychat.sansio.Response
```

```
RTM .
```

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/rtm.start.md>

```
response. aiobearychat.sansio.Response
aiobearychat.sansio.Response
```

```
response.body:
```

```
response.status 200 :
{
  "ws_host": "wss://rtm.bearychat.com/nimbus/ws:xxx",
  "user": {
    "inactive": false,
    "role": "normal",
    "email": "support@bearyinnovative.com",
    "name": "BearyBot",
    "type": "assistant",
    "created": "2017-01-11T12:28:31.000+0000",
    "id": "=bwMkR",
    "avatars": {
      "small": null,
      "medium": null,
      "large": null
    },
    "team_id": "=bw520",
    "full_name": "",
    "mobile": null,
    "profile": {
      "bio": null,
      "position": null,
      "skype": null
    }
  }
}
```

## aiobearychat.openapi.session\_channel\_api

API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

```
class aiobearychat.openapi.session_channel_api.SessionChannelAPI(requester:
    aiobearychat.abc.Requester,
    token: str, *,
    base_url: str,
    **kwargs)
```

API.

```
archive(session_channel_id: str, **requester_params: typing.Any) → aiobearychat.sansio.Response
```

[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.archive.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.archive.md)

```
session_channel_id(str) - id (: =bw520)
response. aiobearychat.sansio.Response
aiobearychat.sansio.Response
```

```
response.body:
```

```
response.status 200 :

{
  "latest_ts": "1489242467694",
  "name": "",
  "is_member": true,
  "is_active": false,
  "type": "session",
  "member_uids": [
    "bw520"
  ],
  "vchannel_id": "bw520",
  "id": "bw520",
  "team_id": "bw520"
}
```

**convert\_to\_channel** (*session\_channel\_id*: str, *name*: str, \*, *private*: bool = True, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.convert\\_to\\_channel.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.convert_to_channel.md)

**param session\_channel\_id** id (: =bw520)

**type session\_channel\_id** str

**param name**

2 20 1 10

(\_) (-) (: ) :type name: str

**param private** : True

**type private** bool

**return** response. *aiobearychat.sansio.Response*

**rtype** *aiobearychat.sansio.Response*

response.body :

```
response.status 201 :

{
  "latest_ts": "1489242467694",
  "name": "",
  "is_member": true,
  "is_active": false,
  "type": "session",
  "member_uids": [
    "bw520"
  ],
  "vchannel_id": "bw520",
  "id": "bw520",
  "team_id": "bw520"
}
```

**create** (*member\_uids*: <function SessionChannelAPI.list at 0x7f6a6971a9d8>, \*, *name*: str = NOTHING, \*\**requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.create.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.create.md)

**param name**

2 20 1 10

(\_) (-) (: ) :type name: str

**param member\_uids** id (: ["=bw520", "=bw52P"])

**type member\_uids** list

**return** response. aiobearychat.sansio.Response

**rtype** aiobearychat.sansio.Response

response.body :

```
response.status 201 :

{
  "latest_ts": "1489242467694",
  "name": "",
  "is_member": true,
  "is_active": true,
  "type": "session",
  "member_uids": [
    "=bw520"
  ],
  "vchannel_id": "=bw520",
  "id": "=bw520",
  "team_id": "=bw520"
}
```

**info** (*session\_channel\_id*: str, \*\**requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.info.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.info.md)

**session\_channel\_id**(str) – id (: =bw520)

response. aiobearychat.sansio.Response

aiobearychat.sansio.Response

response.body :

```
response.status 200 :

{
  "latest_ts": "1489242467694",
  "name": "",
  "is_member": true,
  "is_active": true,
  "type": "session",
  "member_uids": [
    "=bw520"
  ],
  "vchannel_id": "=bw520",
  "id": "=bw520",
```

```
"team_id": "bw520"
}
```

**invite** (*session\_channel\_id*: str, *invite\_uid*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.invite.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.invite.md)

- **session\_channel\_id**(str) – id(=bw520)
- **invite\_uid**(str) – id(=bw520)

response. aiobearychat.sansio.Response  
aiobearychat.sansio.Response

response.body :

```
response.status 204 :
```

**kick** (*session\_channel\_id*: str, *kick\_uid*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.kick.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.kick.md)

- **session\_channel\_id**(str) – id(=bw520)
- **kick\_uid**(str) – id(=bw520)

response. aiobearychat.sansio.Response  
aiobearychat.sansio.Response

response.body :

```
response.status 204 :
```

**kickout** (*session\_channel\_id*: str, *kick\_uid*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.kickout.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.kickout.md)

- **session\_channel\_id**(str) – id(=bw520)
- **kick\_uid**(str) – id(=bw520)

response. aiobearychat.sansio.Response  
aiobearychat.sansio.Response

response.body :

```
response.status 204 :
```

**leave** (*session\_channel\_id*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\\_channel.leave.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/session_channel.leave.md)

**session\_channel\_id**(str) – id(=bw520)

response. aiobearychat.sansio.Response  
aiobearychat.sansio.Response

```
response.body :
```

```
response.status 204 :
```

```
list (**requester_params: typing.Any) → aiobearychat.sansio.Response
```

```
session_channel.info.
```

```
https://github.com/bearyinnovative/OpenAPI/blob/master/api/session\_channel.list.md
```

```
return response. aiobearychat.sansio.Response
```

```
rtype aiobearychat.sansio.Response
```

```
response.body :
```

```
response.status 200 :
```

```
[
  {
    "latest_ts": "1489242467694",
    "name": "",
    "is_member": true,
    "is_active": true,
    "type": "session",
    "member_uids": [
      "bw520"
    ],
    "vchannel_id": "bw520",
    "id": "bw520",
    "team_id": "bw520"
  }
]
```

## aiobearychat.openapi.sticker\_api

sticker API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

```
class aiobearychat.openapi.sticker_api.StickerAPI (requester: aiobearychat.abc.Requester,
                                                    token: str, *, base_url: str, **kwargs)
```

sticker API.

```
list (**requester_params: typing.Any) → aiobearychat.sansio.Response
sticker .
```

```
https://github.com/bearyinnovative/OpenAPI/blob/master/api/sticker.list.md
```

```
response. aiobearychat.sansio.Response
```

```
aiobearychat.sansio.Response
```

```
response.body :
```

```
response.status 200 :

[
  {
    "pack": "",
    "stickers": [
      {
        "url": "https://dn-bearychat.qbox.me/sticker-gif-20.gif",
        "name": "",
        "width": 240,
        "height": 240
      }
    ]
  }
]
```

### aiobearychat.openapi.team\_api

API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.team\_api.**TeamAPI** (*requester: aiobearychat.abc.Requester, token: str, \*, base\_url: str, \*\*kwargs*)

API.

**info** (*\*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/team.info.md>

response. aiobearychat.sansio.Response

aiobearychat.sansio.Response

response.body :

```
response.status 200 :

{
  "id": "=bw520",
  "subdomain": "openapi",
  "name": "BearyChat OpenAPI",
  "email_domain": null,
  "logo_url": null,
  "description": "",
  "plan": "basic",
  "created": "2017-01-11T12:28:31.000+0000"
}
```

### aiobearychat.openapi.user\_api

API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.user\_api.**UserAPI** (*requester: aiobearychat.abc.Requester, token: str, \*, base\_url: str, \*\*kwargs*)

API.



**info** (*user\_id*: str, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/user.info.md>

**user\_id**(str) – id (: =bw520)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :

{
  "inactive": false,
  "role": "normal",
  "email": "support@bearyinnovative.com",
  "name": "BearyBot",
  "type": "assistant",
  "created": "2017-01-11T12:28:31.000+0000",
  "id": "=bwMkR",
  "avatars": {
    "small": null,
    "medium": null,
    "large": null
  },
  "team_id": "=bw520",
  "full_name": "",
  "mobile": null,
  "profile": {
    "bio": null,
    "position": null,
    "skype": null
  }
}
```

**list** (*\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response

user.info.

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/user.list.md>

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :

[
  {
    "inactive": false,
    "role": "normal",
    "email": "support@bearyinnovative.com",
    "name": "BearyBot",
    "type": "assistant",
    "created": "2017-01-11T12:28:31.000+0000",
    "id": "=bwMkR",
    "avatars": {
      "small": null,
      "medium": null,
```

```
        "large": null
    },
    "team_id": "=bw520",
    "full_name": "",
    "mobile": null,
    "profile": {
        "bio": null,
        "position": null,
        "skype": null
    }
}
```

**me** (*\*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response  
<https://github.com/bearyinnovative/OpenAPI/blob/master/api/user.me.md>

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

response.body :

```
response.status 200 :

{
    "inactive": false,
    "role": "normal",
    "email": "support@bearyinnovative.com",
    "name": "BearyBot",
    "type": "assistant",
    "created": "2017-01-11T12:28:31.000+0000",
    "id": "=bwMkR",
    "avatars": {
        "small": null,
        "medium": null,
        "large": null
    },
    "team_id": "=bw520",
    "full_name": "",
    "mobile": null,
    "profile": {
        "bio": null,
        "position": null,
        "skype": null
    }
}
```

**update\_me** (*\*, name: str = NOTHING, full\_name: str = NOTHING, \*\*requester\_params: typing.Any*)  
→ aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/api/user.update\\_me.md](https://github.com/bearyinnovative/OpenAPI/blob/master/api/user.update_me.md)

- **name** (str) – (@name) (: beary\_bot)

- **full\_name** (str) – (: BearyBot)

response. *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

```
response.body :
```

```
response.status 200 :

{
  "inactive": false,
  "role": "normal",
  "email": "support@bearyinnovative.com",
  "name": "BearyBot",
  "type": "assistant",
  "created": "2017-01-11T12:28:31.000+0000",
  "id": "=bwMkR",
  "avatars": {
    "small": null,
    "medium": null,
    "large": null
  },
  "team_id": "=bw520",
  "full_name": "",
  "mobile": null,
  "profile": {
    "bio": null,
    "position": null,
    "skype": null
  }
}
```

## aiobearychat.openapi.vchannel\_api

API.

auto generated by script at 2017-08-24 21:50:13.459796. don't edit it.

**class** aiobearychat.openapi.vchannel\_api.**VchannelAPI** (*requester:*  
*aiobearychat.abc.Requester, to-*  
*ken: str, \*, base\_url: str, \*\*kwargs)*

API.

**info** (*vchannel\_id: str, \*\*requester\_params: typing.Any*) → aiobearychat.sansio.Response

<https://github.com/bearyinnovative/OpenAPI/blob/master/api/vchannel.info.md>

**vchannel\_id** (*str*) – *id* (: =bw520)

*response.* *aiobearychat.sansio.Response*

*aiobearychat.sansio.Response*

```
response.body :
```

```
response.status 200 :

// Channel
{
  "private": false,
  "general": true,
  "latest_ts": 1486367046281,
  "uid": "=bw520",
  "name": "",
  "is_member": false,
```

```
"is_active": true,
"type": "normal",
"topic": null,
"member_uids": [
    "bw520"
],
"vchannel_id": "bw520",
"id": "bw520",
"team_id": "bw520"
}

// SessionChannel
{
    "latest_ts": "1489242467694",
    "name": "",
    "is_member": true,
    "is_active": true,
    "type": "session",
    "member_uids": [
        "bw520"
    ],
    "vchannel_id": "bw520",
    "id": "bw520",
    "team_id": "bw520"
}

// P2PChannel
{
    "id": "bw520",
    "team_id": "bw520",
    "vchannel_id": "bw520",
    "type": "p2p",
    "is_active": true,
    "is_member": true,
    "member_uids": [
        "bw520",
        "bw52P"
    ],
    "latest_ts": 1485238998284
}
```

## aiobearychat.rtm

**class** aiobearychat.rtm.**RtmAPI** (*requester: aiobearychat.abc.Requester, token: str = NOTHING, \*,  
base\_url: str = ''*)

RTM HTTP API.

- **requester** (aiobearychat.abc.Requester) – requester
- **token** (str) – RTM token, hubot
- **base\_url** (str) – RTM HTTP API

**base\_url** = 'https://rtm.bearychat.com'  
RTM HTTP API

**message** (*vchannel*: str, *text*: str, \*, *markdown*: bool = True, *attachments*: typing.Union[list, NoneType] = None, *\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
[https://github.com/bearyinnovative/OpenAPI/blob/master/rtm/api\\_message.md](https://github.com/bearyinnovative/OpenAPI/blob/master/rtm/api_message.md)

- **vchannel** (*str*) – id=bw520
- **text** (*str*) –
- **markdown** (*bool*) – markdown True)
- **attachments** (*list*) – attachment:

```
[
  {
    "title": "test_title",      # attachment title / text
    "text": "test_text",      # attachment title / text
    "images": [{               # attachment
      "url": "http://example.com/1.jpg"
    }],
    "color": "#cb3f20"        # attachment
  }
]
```

response. aiobearychat.sansio.Response  
 aiobearychat.sansio.Response

response.body:

```
response.status 200 :
{
  "code": 0,
  "result": null
}
```

**start** (*\*\*requester\_params*: typing.Any) → aiobearychat.sansio.Response  
 RTM

[https://github.com/bearyinnovative/OpenAPI/blob/master/rtm/api\\_start.md](https://github.com/bearyinnovative/OpenAPI/blob/master/rtm/api_start.md)

response. aiobearychat.sansio.Response  
 aiobearychat.sansio.Response

response.body:

```
response.status 200 :
{
  "code": 0,
  "result": {
    // RTM token
    "user": {},
    // RTM 5
    "ws_host": "wss://rtm.bearychat.com/nimbus/ws:xxx"
  }
}
```

**aiobearychat.rtm.aiohttp**

**class** aiobearychat.rtm.aiohttp.**RtmAPI** (*session: aiohttp.client.ClientSession, token: str = NOTHING, \*, base\_url: str = ''*)

aiohttp RtmAPI API HTTP

:

```
async def main(token):
    async with aiohttp.ClientSession() as session:
        api = RtmAPI(session, token=token)
        response = await api.start()
        print(response.json())
```

## CHAPTER 3

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