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# **dhooks-lite Documentation**

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Here is a list of all classes.

### 1.1 Author

```
class dhooks_lite.Author(name: str, url: str = None, icon_url: str = None, proxy_icon_url: str = None)
```

Author in an Embed

```
asdict () → dict
```

returns a dict representation of this object

will not include properties that are None

```
classmethod from_dict (obj_dict: dict) → dhooks_lite.embed._EmbedObject  
creates a new object from the given dict
```

### 1.2 Embed

```
class dhooks_lite.Embed(description: str = None, title: str = None, url: str = None, timestamp: datetime.datetime = None, color: int = None, footer: dhooks_lite.embed.Footer = None, image: dhooks_lite.embed.Image = None, thumbnail: dhooks_lite.embed.Thumbnail = None, author: dhooks_lite.embed.Author = None, fields: List[dhooks_lite.embed.Field] = None)
```

Embedded content for a message

Initialize an Embed object

#### Parameters

- **description** – message text for this embed
- **title** – title of embed

- **url** – url of embed
- **timestamp** – timestamp of embed content
- **color** – color code of the embed
- **footer** – footer information
- **image** – image within embed
- **thumbnail** – thumbnail for this embed
- **author** – author information
- **fields** – fields information

**Exceptions:** `TypeError`: when passing variables of wrong type `ValueException`: when embed size exceeds hard limit

**asdict** () → dict  
returns a dict representation of this object  
will not include properties that are None

**classmethod from\_dict** (*obj\_dict: dict*) → `dhooks_lite.embed._EmbedObject`  
creates a new object from the given dict

### 1.3 Field

**class** `dhooks_lite.Field` (*name: str, value: str, inline: bool = True*)  
Field in an Embed

**asdict** () → dict  
returns a dict representation of this object  
will not include properties that are None

**classmethod from\_dict** (*obj\_dict: dict*) → `dhooks_lite.embed._EmbedObject`  
creates a new object from the given dict

### 1.4 Footer

**class** `dhooks_lite.Footer` (*text: str, icon\_url: str = None, proxy\_icon\_url: str = None*)  
Footer in an Embed

**asdict** () → dict  
returns a dict representation of this object  
will not include properties that are None

**classmethod from\_dict** (*obj\_dict: dict*) → `dhooks_lite.embed._EmbedObject`  
creates a new object from the given dict

## 1.5 Image

**class** `dhooks_lite.Image` (*url: str, proxy\_url: str = None, height: int = None, width: int = None*)

Image in an Embed

**asdict** () → dict

returns a dict representation of this object

will not include properties that are None

**classmethod from\_dict** (*obj\_dict: dict*) → `dhooks_lite.embed._EmbedObject`

creates a new object from the given dict

## 1.6 Thumbnail

**class** `dhooks_lite.Thumbnail` (*url: str, proxy\_url: str = None, height: int = None, width: int =*

*None*)

Thumbnail in an Embed

**asdict** () → dict

returns a dict representation of this object

will not include properties that are None

**classmethod from\_dict** (*obj\_dict: dict*) → `dhooks_lite.embed._EmbedObject`

creates a new object from the given dict

## 1.7 UserAgent

**class** `dhooks_lite.UserAgent` (*name: str, url: str, version: str*)

Defines the content of the user agent string send to Discord

### Parameters

- **name** – Name of the application
- **url** – Homepage URL of the application
- **version** – Version of the application

## 1.8 Webhook

**class** `dhooks_lite.Webhook` (*url: str, username: str = None, avatar\_url: str = None, user\_agent:*

*dhooks\_lite.client.UserAgent = None*)

A Discord Webhook

Initialize a Webhook object

### Parameters

- **url** – Discord webhook url
- **username** – Override default user name of the webhook
- **avatar\_url** – Override default avatar icon of the webhook with image URL
- **user\_agent** – User agent to be send with every request to Discord.

**execute** (*content: str = None, embeds: List[dhooks\_lite.embed.Embed] = None, tts: bool = None, username: str = None, avatar\_url: str = None, wait\_for\_response: bool = False, max\_retries: int = 3*) → dhooks\_lite.client.WebhookResponse

Posts a message to this webhook

### Parameters

- **content** – Text of this message
- **embeds** – List of Embed objects to be attached to this message
- **tts** – Whether or not the message will use text-to-speech
- **username** – Overrides default user name of the webhook
- **avatar\_url** – Override default avatar icon of the webhook with image URL
- **wait\_for\_response** – Whether or not to wait for a send report from Discord
- **max\_retries** – maximum number of retries on errors. 0 turns it off.

**Exceptions:** ValueError: on invalid input ConnectionError: on network issues Timeout: if timeouts are exceeded TooManyRedirects: if configured redirect limit is exceeded

**Returns** response from webhook as WebhookResponse object

## 1.9 WebhookResponse

**class** dhooks\_lite.**WebhookResponse** (*headers: dict, status\_code: int, content: dict = None*)  
response from a Discord Webhook

### **content**

content of the response, e.g. send report

will be empty if not waited for response from Discord

### **headers**

response headers

### **status\_code**

HTTP status code of the response

### **status\_ok**

whether the response was ok based on its HTTP status



## CHAPTER 2

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### Indices and tables

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