pyhttpstatus-utils Documentation

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CHAPTER 1

Introduction

Extension of Python Standard Library's http.HTTPStatus providing mapping of HTTP statuses.

CHAPTER 2

Badges

docs	
info	
tests	
package	
other	

CHAPTER 3

Install

```
pip install pyhttpstatus-utils
```

CHAPTER 4

Functions

- `create_http_status_dict(override_dict=None)`: Create HTTP Status Dictionary with Overrides if provided.
- `get_http_status_desc(http_status_code)`: Get HTTP status code description.
- `get_http_status_name(http_status_code)`: Get HTTP status code name.
- `get_http_status_phrase(http_status_code)`: Get HTTP status code phrase.
- `get_http_status_type(http_status_code)`: Get HTTP status code type.
- `is_http_status_successful(http_status_code)`: Check if HTTP Status Code is type Successful
- `is_http_status_type(http_status_code)`: Match if provided HTTP Status Code is expected HTTP Status Code Type.
- `validate_http_code(http_code, minimum=100, maximum=599, strict=True, default_http_code=0)`: Validate HTTP code. If strict, throw, else just return default_http_code.

CHAPTER 5

Dictionaries

- `HTTP_STATUS_DICT`: Extracted from `http.HTTPStatus`, a dictionary of each HTTP Status' name, code, phrase, and description.
- `HTTP_STATUS_PHRASE_DICT`: Phrases of HTTP status codes.
- `HTTP_STATUS_DESC_DICT`: Description of HTTP status codes.
- `HTTP_STATUS_TYPE_DICT`: Types of HTTP status codes.

CHAPTER 6

Enum Classes

- `HttpStatusCode`: Static enumeration of HTTP status mapping names to codes
- `HttpStatusType`: Static enumeration of HTTP status mapping types to phrase
- `HttpStatusCodeType`: Int enumeration of HTTP status mapping types to codes

CHAPTER 7

HTTP Status Code Types

- 100: HttpStatusType.INFORMATIONAL,
- 200: HttpStatusType.SUCCESSFUL,
- 300: HttpStatusType.REDIRECTION,
- 400: HttpStatusType.CLIENT_ERROR,
- 500: HttpStatusType.SERVER_ERROR

CHAPTER 8

Requirements

`pyhttpstatus-utils` module is built upon Python 3 and has dependencies upon several Python modules available within Python Package Index PyPI.

```
make install-requirements
```

or

```
python3 -m pip uninstall --yes --no-input -r requirements.txt
python3 -m pip install --upgrade -r requirements.txt
```