ctyparser

Release 2.2.0

Mar 17, 2021

Contents

A `CTY.DAT` parser for modern amateur radio programs.

CHAPTER 1

Installation

`ctyparser` requires Python 3.6 at minimum. Install by running:

```
$ pip install ctyparser
```

CHAPTER 2

License

CHAPTER 3

API

class ctyparser.**BigCty**(*file_path: Union[str, os.PathLike, None] = None*)

Class representing a BigCTY dataset. Can be initialised with data by passing the path to a valid `cty.json` file to the constructor.

Parameters **file_path** (*str or os.PathLike, optional*) – Location of the `cty.json` file to load.

Variables ***version*** (*str*) – the datestamp of the data, `YYYYMMDD` format.

dump(*cty_file: Union[str, os.PathLike]*) → None

Dumps the data of the instance to a `cty.json` file.

Parameters **cty_file** (*str or os.PathLike*) – Path to the file to dump to.

Returns None

formatted_version

Formatted representation of the version/date of the current BigCTY data.

Getter Returns version in `YYYY-MM-DD` format, or `0000-00-00` (if invalid date)

Type str

import_dat(*dat_file: Union[str, os.PathLike]*) → None

Imports CTY data from a `CTY.DAT` file.

Parameters **dat_file** (*str or os.PathLike*) – Path to the file to import.

Returns None

load(*cty_file: Union[str, os.PathLike]*) → None

Loads a `cty.json` file into the instance.

Parameters **cty_file** (*str or os.PathLike*) – Path to the file to load.

Returns None

update() → bool

Upates the instance's data from the feed.

Raises **Exception** – If there is no date in the feed.

Returns `True` if an update was done, otherwise `False`.

Return type bool

version

The version/date of the current BigCTY data.

Getter Returns version in `YYYYMMDD` format

Type str

CHAPTER 4

CLI Usage

Note: CLI is a work in progress!

Currently, only updating/creating a file named `cty.json` in the current working directory is supported:

```
$ python3 -m ctyparser
```

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