
ctyparser

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A CTY.DAT parser for modern amateur radio programs.

CHAPTER 1

Installation

ctyparser requires Python 3.6 at minimum. Install by running:

```
$ pip install ctyarser
```


CHAPTER 2

License

Copyright 2019-2022 classabbyamp, 0x5c

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```

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
        Updates 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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