
pyOpenair

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pyOpenair is a very simple package to convert geo data from wkt to [OpenAir](#) format.

INSTALLATION

```
pip install pyopenair
```

or

```
$ git clone https://github.com/lpoaura/pyopenair.git  
$ cd pyopenair  
$ pip install .
```


FUNCTIONS

2.1 helper module

2.2 factory module

OPENAIR SPECIFICATIONS

[OpenAir format](#) is an airspace and terrain description language. It is an easy to use and publicly available standard for displaying map information. User can add or modify the data himself, therefore having a full control over what is being displayed on the screen.

More details [OpenAir specification page](#)

3.1 AIRSPACE related record types

AC class: class = Airspace Class, see below:

- **R** restricted
- **Q** danger
- **P** prohibited
- **A** Class A
- **B** Class B
- **C** Class C
- **D** Class D
- **GP** glider prohibited
- **CTR** CTR
- **W** Wave Window

AN string: Airspace Name

AH string: Upper bound, composed by the altitude (meters or feet) followed by the relative area:

- **AMSL** Above mean sea level
- **AGL** Above ground level

AL string: Lower bound, ?

- **SFC** ?

AT coordinate: Coordinate of where to place a name label on the map (optional)

3.2 TERRAIN related record types (WinPilot version 1.130 and newer)

TO string: Declares Terrain Open Polygon (optional)

TC string: Declares Terrain Closed Polygon (optional)

SP style, width, red, green, blue: Selects Pen to be used in drawing

SB red, green, blue: Selects Brush to be used in drawing

3.3 Record types common to both TERRAIN and AIRSPACE

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CHANGELOG

Coming soon...

INDICES AND TABLES

- genindex
- modindex
- search