
Adafruit RTTTL Library Documentation

Release 1.0

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This plays [RTTTL](#) melodies.

CHAPTER 1

Dependencies

This driver depends on:

- Adafruit CircuitPython
- Adafruit CircuitPython Waveform

Please ensure all dependencies are available on the CircuitPython filesystem. This is easily achieved by downloading the [Adafruit library and driver bundle](#).

CHAPTER 2

Usage Example

This plays Frosty the Snowman:

```
import board
import adafruit_rtttl

adafruit_rtttl.play(board.A0, "Snowman:d=8,o=5,b=200:2g,4e.,f,4g,2c6,b,c6,4d6,4c6,4b,
→a,2g.,b,c6,4d6,4c6,4b,a,a,g,4c6,4e.,g,a,4g,4f,4e,4d,2c.,4c,4a,4a,4c6,4c6,4b,4a,4g,
→4e,4f,4a,4g,4f,2e.,4e,4d,4d,4g,4g,4b,4b,4d6,d6,b,4d6,4c6,4b,4a,4g,4p,2g")
```


CHAPTER 3

Contributing

Contributions are welcome! Please read our [Code of Conduct](#) before contributing to help this project stay welcoming.

CHAPTER 4

API Reference

4.1 adafruit_rtttl

Play notes to a digialio pin using ring tone text transfer language (rtttl).

- Author(s): Scott Shawcroft

`adafruit_rtttl.play(pin, rttl, octave=None, duration=None, tempo=None)`

Play notes to a digialio pin using ring tone text transfer language (rtttl). :param ~digitalio.DigitalInOut pin: the speaker pin :param rttl: string containing rttl :param int octave: represents octave number (default 6 starts at middle c) :param int duration: length of notes (default 4 quarter note) :param int tempo: how fast (default 63 beats per minute)

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