```
Index
                                            Module utilities
Functions
   print_data
   print_data_alt_color
   print_dbg
                                            Functions
   print_error
   print_info
                                             def print_data(channel, data, flush=True)
   print_success
                                                 Prints a data message if printing data is active.
   print_warning
                                                 Args:
Classes
   BColors
                                                  string: Message to print.
      BOLD
      ENDC
      FAIL
      HEADER
      OKBLUE
      OKCYAN
      OKGREEN
      UNDERLINE
                                                 Args:
      WARNING
   Instruments
                                                  string: Message to print.
      DEFAULT
      DRUMS
      GUITAR
      PIAN0
      STRINGS
                                             def print_dbg(string, flush=True)
      VOICE
      from_index
      from_string
                                                 Args:
      get_fundamental_freque
                                                  string: Message to print.
     ncy_range
      get_string
   Normalizations
      MIN_MAX
                                             def print_error(string, flush=True)
      NONE
      PEAK
                                                 Prints an error message if printing is active.
      RMS
                                                 Args:
      Z_SCORE
                                                  string: Message to print.
                                             def print_info(string, flush=True)
                                                 Prints an info message if printing is active.
                                                 Args:
                                                  string: Message to print.
                                             def print_success(string, flush=True)
                                                 Prints a success message if printing is active.
                                                 Args:
                                                  string: Message to print.
                                             def print_warning(string, flush=True)
                                                 Prints a warning message if printing is active.
                                                 Args:
                                                  string: Message to print.
                                            Classes
                                             class BColors
                                                 Colors used to print and debug.
                                                 Class variables
                                                   var BOLD
                                                   var ENDC
                                                   var FAIL
                                                   var HEADER
                                                   var OKBLUE
                                                   var OKCYAN
                                                   var OKGREEN
                                                   var UNDERLINE
                                                   var WARNING
                                             class Instruments (value, names=None, *, module=None, qualname=None,
                                                                type=None, start=1)
                                                 Defines instrument types for audio processing.
                                                 Ancestors
                                                      enum.Enum
                                                 Class variables
                                                   var DEFAULT
                                                   var DRUMS
                                                   var GUITAR
                                                   var PIANO
                                                   var STRINGS
                                                   var VOICE
                                                 Static methods
                                                  def from_index(index: int)
                                                     Returns the enum value of a given index.
                                                     Args:
                                                      index: Number representing the instrument.
                                                     Returns:
                                                     Instrument enum of the given index.
                                                     Raises:
                                                     instrument.
                                                   def from_string(s: str) -> Instruments
                                                     Returns the enum value of a given string.
                                                     Args:
                                                     s : String representing the instrument.
                                                     Returns:
                                                     Instrument enum of the given string.
                                                     Raises:
                                                     instrument.
                                                 Methods
```

```
► EXPAND SOURCE CODE
     channel: Number of the channel where the data was processed from.
     flush: Whether to flush when using built-in print function.
                                                             ► EXPAND SOURCE CODE
def print_data_alt_color(channel, data, flush=True)
     Prints a data message with alternate color if printing data is active.
     channel: Number of the channel where the data was processed from.
     flush: Whether to flush when using built-in print function.
                                                             ► EXPAND SOURCE CODE
     Prints a generic debug message if printing and debug printing is active.
     flush: Whether to flush when using built-in print function.
                                                             ► EXPAND SOURCE CODE
     flush: Whether to flush when using built-in print function.
                                                             ► EXPAND SOURCE CODE
     flush: Whether to flush when using built-in print function.
                                                             ► EXPAND SOURCE CODE
     flush: Whether to flush when using built-in print function.
                                                             ► EXPAND SOURCE CODE
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                                                             ► EXPAND SOURCE CODE
                                                             ► EXPAND SOURCE CODE
```

```
SetupException: If the index does not correspond to a known
                                                 ► EXPAND SOURCE CODE
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► EXPAND SOURCE CODE

```
SetupException: If the string does not correspond to a known
                                                           ► EXPAND SOURCE CODE
      def get_fundamental_frequency_range(self) -> list
         Returns the fundamental frequency range for a given instrument.
         Returns: A :py:type: list containing the lower and upper frequency range
         limits for the instrument.
                                                           ► EXPAND SOURCE CODE
      def get_string(self) -> str
         Returns the name of the instrument as a string.
         Returns:
         The name of the instrument as a string.
                                                           ► EXPAND SOURCE CODE
class Normalizations (value, names=None, *, module=None, qualname=None,
                       type=None, start=1)
    Defines Normalization types for audio processing.
                                                           ► EXPAND SOURCE CODE
    Ancestors
          enum.Enum
```

Class variables

var MIN_MAX

var NONE

var **PEAK**

var RMS

var Z_SCORE