

# RAPP Platform Tests - Audio Processing

## v0.5.5

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# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

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## Chapter 2

# Hierarchical Index

### 2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

TestCase	
denoise_unit_tests.TestAudioProcessing . . . . .	13
detect_silence_unit_tests.TestAudioProcessing . . . . .	24
energy_denoise_unit_tests.TestAudioProcessing . . . . .	22
set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc . . . . .	11
set_noise_profile_unit_tests.TestAudioProcessing . . . . .	19
transform_audio_unit_tests.TestAudioProcessing . . . . .	17
utilities_unit_tests.TestAudioProcessing . . . . .	15



## Chapter 3

# Class Index

### 3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc</a> . . . . .	11
<a href="#">denoise_unit_tests.TestAudioProcessing</a> . . . . .	13
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<a href="#">energy_denoise_unit_tests.TestAudioProcessing</a> . . . . .	22
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## Chapter 4

# File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

/home/travis/rapp_temp/rapp-platform/rapp_audio_processing/tests/functional/ <a href="#">set_noise_profile_functional.py</a> . . . . .	27
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## Chapter 5

# Namespace Documentation

### 5.1 denoise\_unit\_tests Namespace Reference

#### Classes

- class [TestAudioProcessing](#)

### 5.2 detect\_silence\_unit\_tests Namespace Reference

#### Classes

- class [TestAudioProcessing](#)

### 5.3 energy\_denoise\_unit\_tests Namespace Reference

#### Classes

- class [TestAudioProcessing](#)

### 5.4 set\_noise\_profile\_functional Namespace Reference

#### Classes

- class [AudioProcessingSetNoiseProfileFunc](#)

#### Variables

- string [PKG](#) = 'rapp\_audio\_processing'

#### 5.4.1 Variable Documentation

5.4.1.1 string `set_noise_profile_functional.PKG` = 'rapp\_audio\_processing'

Definition at line 21 of file `set_noise_profile_functional.py`.

## 5.5 set\_noise\_profile\_unit\_tests Namespace Reference

### Classes

- class [TestAudioProcessing](#)

## 5.6 transform\_audio\_unit\_tests Namespace Reference

### Classes

- class [TestAudioProcessing](#)

## 5.7 utilities\_unit\_tests Namespace Reference

### Classes

- class [TestAudioProcessing](#)

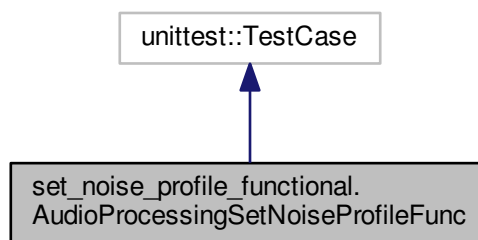


## Chapter 6

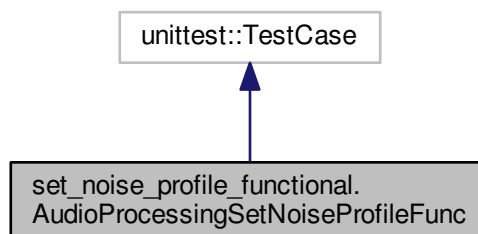
# Class Documentation

### 6.1 set\_noise\_profile\_functional.AudioProcessingSetNoiseProfileFunc Class Reference

Inheritance diagram for set\_noise\_profile\_functional.AudioProcessingSetNoiseProfileFunc:



Collaboration diagram for set\_noise\_profile\_functional.AudioProcessingSetNoiseProfileFunc:



## Public Member Functions

- def [test\\_setNoiseProfileService\\_no\\_silence\\_file](#)
- def [test\\_setNoiseProfileService\\_not\\_valid\\_user](#)
- def [test\\_setNoiseProfileService\\_ogg](#)
- def [test\\_setNoiseProfileService\\_ogg\\_stress](#)
- def [test\\_setNoiseProfileService\\_wav\\_1\\_ch](#)
- def [test\\_setNoiseProfileService\\_wav\\_4\\_ch](#)
- def [test\\_setNoiseProfileService\\_wav\\_6\\_ch](#)

### 6.1.1 Detailed Description

Definition at line 35 of file `set_noise_profile_functional.py`.

### 6.1.2 Member Function Documentation

6.1.2.1 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_no_silence_file ( self )`

Definition at line 122 of file `set_noise_profile_functional.py`.

6.1.2.2 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_not_valid_user ( self )`

Definition at line 138 of file `set_noise_profile_functional.py`.

6.1.2.3 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_ogg ( self )`

Definition at line 37 of file `set_noise_profile_functional.py`.

6.1.2.4 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_ogg_stress ( self )`

Definition at line 55 of file `set_noise_profile_functional.py`.

6.1.2.5 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_wav_1_ch ( self )`

Definition at line 74 of file `set_noise_profile_functional.py`.

6.1.2.6 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_wav_4_ch ( self )`

Definition at line 90 of file `set_noise_profile_functional.py`.

6.1.2.7 `def set_noise_profile_functional.AudioProcessingSetNoiseProfileFunc.test_setNoiseProfileService_wav_6_ch ( self )`

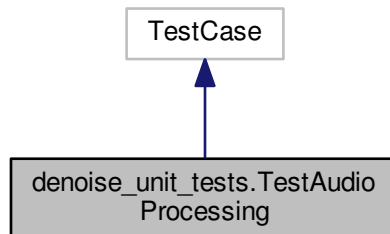
Definition at line 106 of file `set_noise_profile_functional.py`.

The documentation for this class was generated from the following file:

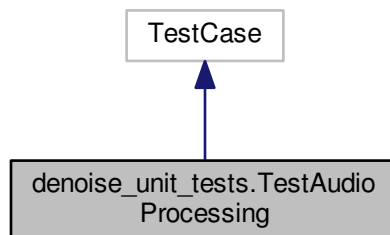
- [/home/travis/rapp\\_temp/rapp-platform/rapp\\_audio\\_processing/tests/functional/set\\_noise\\_profile\\_functional.py](#)

## 6.2 denoise\_unit\_tests.TestAudioProcessing Class Reference

Inheritance diagram for denoise\_unit\_tests.TestAudioProcessing:



Collaboration diagram for denoise\_unit\_tests.TestAudioProcessing:



### Public Member Functions

- def [setUp](#)
- def [tearDown](#)
- def [test\\_negativeScale](#)
- def [test\\_notExistentAudioFile](#)
- def [test\\_notExistentAudioType](#)
- def [test\\_notExistentUser](#)
- def [test\\_ogg\\_type\\_wav\\_1\\_ch\\_file](#)
- def [test\\_ogg\\_type\\_wav\\_4\\_ch\\_file](#)
- def [test\\_realFile](#)
- def [test\\_wav\\_1\\_ch\\_type\\_ogg\\_file](#)
- def [test\\_wav\\_1\\_ch\\_type\\_wav\\_4\\_ch\\_file](#)
- def [test\\_wav\\_4\\_ch\\_type\\_ogg\\_file](#)
- def [test\\_wav\\_4\\_ch\\_type\\_wav\\_1\\_ch\\_file](#)

## Public Attributes

- [auxiliary\\_files\\_url](#)
- [rospack](#)
- [sox\\_denoise\\_module](#)

### 6.2.1 Detailed Description

Definition at line 33 of file `denoise_unit_tests.py`.

### 6.2.2 Member Function Documentation

#### 6.2.2.1 `def denoise_unit_tests.TestAudioProcessing.setUp ( self )`

Definition at line 34 of file `denoise_unit_tests.py`.

#### 6.2.2.2 `def denoise_unit_tests.TestAudioProcessing.tearDown ( self )`

Definition at line 40 of file `denoise_unit_tests.py`.

#### 6.2.2.3 `def denoise_unit_tests.TestAudioProcessing.test_negativeScale ( self )`

Definition at line 123 of file `denoise_unit_tests.py`.

#### 6.2.2.4 `def denoise_unit_tests.TestAudioProcessing.test_notExistentAudioFile ( self )`

Definition at line 76 of file `denoise_unit_tests.py`.

#### 6.2.2.5 `def denoise_unit_tests.TestAudioProcessing.test_notExistentAudioType ( self )`

Definition at line 108 of file `denoise_unit_tests.py`.

#### 6.2.2.6 `def denoise_unit_tests.TestAudioProcessing.test_notExistentUser ( self )`

Definition at line 92 of file `denoise_unit_tests.py`.

#### 6.2.2.7 `def denoise_unit_tests.TestAudioProcessing.test_ogg_type_wav_1_ch_file ( self )`

Definition at line 138 of file `denoise_unit_tests.py`.

#### 6.2.2.8 `def denoise_unit_tests.TestAudioProcessing.test_ogg_type_wav_4_ch_file ( self )`

Definition at line 153 of file `denoise_unit_tests.py`.

#### 6.2.2.9 `def denoise_unit_tests.TestAudioProcessing.test_realFile ( self )`

Definition at line 44 of file `denoise_unit_tests.py`.

6.2.2.10 `def denoise_unit_tests.TestAudioProcessing.test_wav_1_ch_type_ogg_file ( self )`

Definition at line 168 of file `denoise_unit_tests.py`.

6.2.2.11 `def denoise_unit_tests.TestAudioProcessing.test_wav_1_ch_type_wav_4_ch_file ( self )`

Definition at line 183 of file `denoise_unit_tests.py`.

6.2.2.12 `def denoise_unit_tests.TestAudioProcessing.test_wav_4_ch_type_ogg_file ( self )`

Definition at line 198 of file `denoise_unit_tests.py`.

6.2.2.13 `def denoise_unit_tests.TestAudioProcessing.test_wav_4_ch_type_wav_1_ch_file ( self )`

Definition at line 213 of file `denoise_unit_tests.py`.

### 6.2.3 Member Data Documentation

6.2.3.1 `denoise_unit_tests.TestAudioProcessing.auxiliary_files_url`

Definition at line 36 of file `denoise_unit_tests.py`.

6.2.3.2 `denoise_unit_tests.TestAudioProcessing.rospack`

Definition at line 42 of file `denoise_unit_tests.py`.

6.2.3.3 `denoise_unit_tests.TestAudioProcessing.sox_denoise_module`

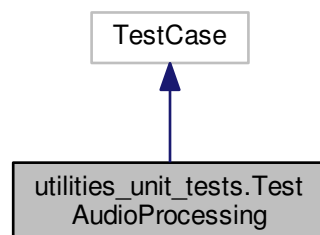
Definition at line 38 of file `denoise_unit_tests.py`.

The documentation for this class was generated from the following file:

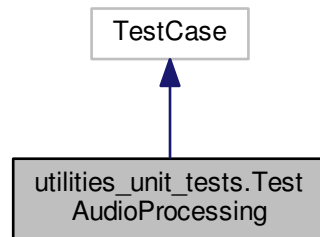
- `/home/travis/rapp_temp/rapp-platform/rapp_audio_processing/tests/unit/denoise\_unit\_tests.py`

## 6.3 utilities\_unit\_tests.TestAudioProcessing Class Reference

Inheritance diagram for `utilities_unit_tests.TestAudioProcessing`:



Collaboration diagram for `utilities_unit_tests.TestAudioProcessing`:



### Public Member Functions

- def [setUp](#)
- def [tearDown](#)
- def [test\\_existentFiles](#)
- def [test\\_mixedCases](#)
- def [test\\_notExistentFiles](#)

### Public Attributes

- [utilities\\_module](#)

#### 6.3.1 Detailed Description

Definition at line 30 of file `utilities_unit_tests.py`.

#### 6.3.2 Member Function Documentation

##### 6.3.2.1 `def utilities_unit_tests.TestAudioProcessing.setUp ( self )`

Definition at line 31 of file `utilities_unit_tests.py`.

##### 6.3.2.2 `def utilities_unit_tests.TestAudioProcessing.tearDown ( self )`

Definition at line 34 of file `utilities_unit_tests.py`.

##### 6.3.2.3 `def utilities_unit_tests.TestAudioProcessing.test_existentFiles ( self )`

Definition at line 37 of file `utilities_unit_tests.py`.

##### 6.3.2.4 `def utilities_unit_tests.TestAudioProcessing.test_mixedCases ( self )`

Definition at line 63 of file `utilities_unit_tests.py`.

6.3.2.5 `def utilities_unit_tests.TestAudioProcessing.test_notExistentFiles ( self )`

Definition at line 53 of file `utilities_unit_tests.py`.

### 6.3.3 Member Data Documentation

6.3.3.1 `utilities_unit_tests.TestAudioProcessing.utilities_module`

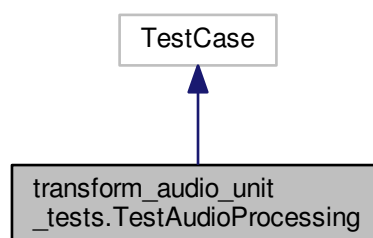
Definition at line 32 of file `utilities_unit_tests.py`.

The documentation for this class was generated from the following file:

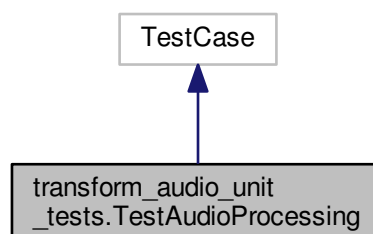
- `/home/travis/rapp_temp/rapp-platform/rapp_audio_processing/tests/unit/utilities_unit_tests.py`

## 6.4 transform\_audio\_unit\_tests.TestAudioProcessing Class Reference

Inheritance diagram for `transform_audio_unit_tests.TestAudioProcessing`:



Collaboration diagram for `transform_audio_unit_tests.TestAudioProcessing`:



### Public Member Functions

- `def id_generator`

- def [setUp](#)
- def [tearDown](#)
- def [test\\_missingSource](#)
- def [test\\_missingTarget](#)
- def [test\\_nonexistentFile](#)
- def [test\\_normalTrans2Flac](#)
- def [test\\_normalTransOgg2Wav](#)
- def [test\\_wrongTypes](#)
- def [test\\_wrongValues](#)

## Public Attributes

- [auxiliary\\_files\\_url](#)
- [rospack](#)
- [transform\\_audio\\_module](#)

### 6.4.1 Detailed Description

Definition at line 36 of file `transform_audio_unit_tests.py`.

### 6.4.2 Member Function Documentation

**6.4.2.1** `def transform_audio_unit_tests.TestAudioProcessing.id_generator ( self, size = 15, chars = string.ascii_lowercase + '_' )`

Definition at line 280 of file `transform_audio_unit_tests.py`.

**6.4.2.2** `def transform_audio_unit_tests.TestAudioProcessing.setUp ( self )`

Definition at line 37 of file `transform_audio_unit_tests.py`.

**6.4.2.3** `def transform_audio_unit_tests.TestAudioProcessing.tearDown ( self )`

Definition at line 43 of file `transform_audio_unit_tests.py`.

**6.4.2.4** `def transform_audio_unit_tests.TestAudioProcessing.test_missingSource ( self )`

Definition at line 190 of file `transform_audio_unit_tests.py`.

**6.4.2.5** `def transform_audio_unit_tests.TestAudioProcessing.test_missingTarget ( self )`

Definition at line 213 of file `transform_audio_unit_tests.py`.

**6.4.2.6** `def transform_audio_unit_tests.TestAudioProcessing.test_nonexistentFile ( self )`

Definition at line 121 of file `transform_audio_unit_tests.py`.

**6.4.2.7** `def transform_audio_unit_tests.TestAudioProcessing.test_normalTrans2Flac ( self )`

Definition at line 47 of file `transform_audio_unit_tests.py`.



6.4.2.8 `def transform_audio_unit_tests.TestAudioProcessing.test_normalTransOgg2Wav ( self )`

Definition at line 88 of file `transform_audio_unit_tests.py`.

6.4.2.9 `def transform_audio_unit_tests.TestAudioProcessing.test_wrongTypes ( self )`

Definition at line 146 of file `transform_audio_unit_tests.py`.

6.4.2.10 `def transform_audio_unit_tests.TestAudioProcessing.test_wrongValues ( self )`

Definition at line 234 of file `transform_audio_unit_tests.py`.

### 6.4.3 Member Data Documentation

6.4.3.1 `transform_audio_unit_tests.TestAudioProcessing.auxiliary_files_url`

Definition at line 39 of file `transform_audio_unit_tests.py`.

6.4.3.2 `transform_audio_unit_tests.TestAudioProcessing.rospack`

Definition at line 45 of file `transform_audio_unit_tests.py`.

6.4.3.3 `transform_audio_unit_tests.TestAudioProcessing.transform_audio_module`

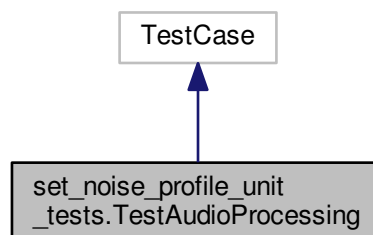
Definition at line 41 of file `transform_audio_unit_tests.py`.

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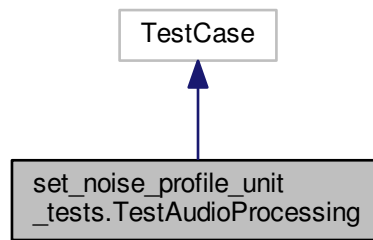
- `/home/travis/rapp_temp/rapp-platform/rapp_audio_processing/tests/unit/transform_audio_unit_tests.py`

## 6.5 set\_noise\_profile\_unit\_tests.TestAudioProcessing Class Reference

Inheritance diagram for `set_noise_profile_unit_tests.TestAudioProcessing`:



Collaboration diagram for `set_noise_profile_unit_tests.TestAudioProcessing`:



## Public Member Functions

- def [setUp](#)
- def [tearDown](#)
- def [test\\_no\\_silence\\_file](#)
- def [test\\_ogg](#)
- def [test\\_ogg\\_with\\_wav\\_1\\_ch\\_type](#)
- def [test\\_ogg\\_with\\_wav\\_4\\_ch\\_type](#)
- def [test\\_wav\\_1\\_ch](#)
- def [test\\_wav\\_1\\_ch\\_with\\_ogg\\_type](#)
- def [test\\_wav\\_1\\_ch\\_with\\_wav\\_4\\_ch\\_type](#)
- def [test\\_wav\\_4\\_ch](#)
- def [test\\_wav\\_4\\_ch\\_with\\_ogg\\_type](#)
- def [test\\_wav\\_4\\_ch\\_with\\_wav\\_1\\_ch\\_type](#)
- def [test\\_wav\\_6\\_ch](#)

## Public Attributes

- [auxiliary\\_files\\_url](#)
- [module](#)
- [rospack](#)

### 6.5.1 Detailed Description

Definition at line 31 of file `set_noise_profile_unit_tests.py`.

### 6.5.2 Member Function Documentation

#### 6.5.2.1 `def set_noise_profile_unit_tests.TestAudioProcessing.setUp ( self )`

Definition at line 32 of file `set_noise_profile_unit_tests.py`.

#### 6.5.2.2 `def set_noise_profile_unit_tests.TestAudioProcessing.tearDown ( self )`

Definition at line 38 of file `set_noise_profile_unit_tests.py`.

6.5.2.3 `def set_noise_profile_unit_tests.TestAudioProcessing.test_no_silence_file ( self )`

Definition at line 92 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.4 `def set_noise_profile_unit_tests.TestAudioProcessing.test_ogg ( self )`

Definition at line 42 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.5 `def set_noise_profile_unit_tests.TestAudioProcessing.test_ogg_with_wav_1_ch_type ( self )`

Definition at line 127 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.6 `def set_noise_profile_unit_tests.TestAudioProcessing.test_ogg_with_wav_4_ch_type ( self )`

Definition at line 134 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.7 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_1_ch ( self )`

Definition at line 57 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.8 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_1_ch_with_ogg_type ( self )`

Definition at line 99 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.9 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_1_ch_with_wav_4_ch_type ( self )`

Definition at line 106 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.10 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_4_ch ( self )`

Definition at line 71 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.11 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_4_ch_with_ogg_type ( self )`

Definition at line 113 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.12 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_4_ch_with_wav_1_ch_type ( self )`

Definition at line 120 of file set\_noise\_profile\_unit\_tests.py.

6.5.2.13 `def set_noise_profile_unit_tests.TestAudioProcessing.test_wav_6_ch ( self )`

Definition at line 85 of file set\_noise\_profile\_unit\_tests.py.

### 6.5.3 Member Data Documentation

6.5.3.1 `set_noise_profile_unit_tests.TestAudioProcessing.auxiliary_files_url`

Definition at line 34 of file set\_noise\_profile\_unit\_tests.py.

### 6.5.3.2 `set_noise_profile_unit_tests.TestAudioProcessing.module`

Definition at line 36 of file `set_noise_profile_unit_tests.py`.

### 6.5.3.3 `set_noise_profile_unit_tests.TestAudioProcessing.rospack`

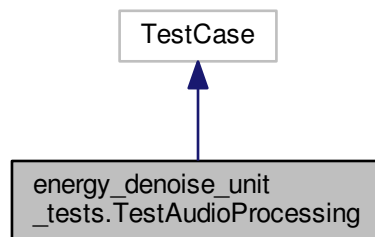
Definition at line 40 of file `set_noise_profile_unit_tests.py`.

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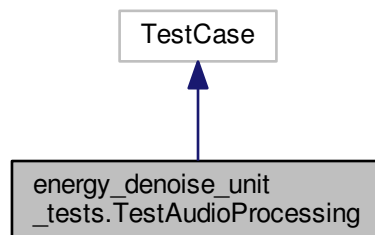
- `/home/travis/rapp_temp/rapp-platform/rapp_audio_processing/tests/unit/set\_noise\_profile\_unit\_tests.py`

## 6.6 `energy_denoise_unit_tests.TestAudioProcessing` Class Reference

Inheritance diagram for `energy_denoise_unit_tests.TestAudioProcessing`:



Collaboration diagram for `energy_denoise_unit_tests.TestAudioProcessing`:



### Public Member Functions

- def [setUp](#)
- def [tearDown](#)
- def [test\\_energy\\_denois](#)
- def [test\\_notExistentFile](#)

## Public Attributes

- [auxiliary\\_files\\_url](#)
- [energy\\_denoise\\_module](#)
- [rospack](#)

### 6.6.1 Detailed Description

Definition at line 33 of file energy\_denoise\_unit\_tests.py.

### 6.6.2 Member Function Documentation

#### 6.6.2.1 `def energy_denoise_unit_tests.TestAudioProcessing.setUp ( self )`

Definition at line 34 of file energy\_denoise\_unit\_tests.py.

#### 6.6.2.2 `def energy_denoise_unit_tests.TestAudioProcessing.tearDown ( self )`

Definition at line 40 of file energy\_denoise\_unit\_tests.py.

#### 6.6.2.3 `def energy_denoise_unit_tests.TestAudioProcessing.test_energy_denois ( self )`

Definition at line 44 of file energy\_denoise\_unit\_tests.py.

#### 6.6.2.4 `def energy_denoise_unit_tests.TestAudioProcessing.test_notExistentFile ( self )`

Definition at line 72 of file energy\_denoise\_unit\_tests.py.

### 6.6.3 Member Data Documentation

#### 6.6.3.1 `energy_denoise_unit_tests.TestAudioProcessing.auxiliary_files_url`

Definition at line 36 of file energy\_denoise\_unit\_tests.py.

#### 6.6.3.2 `energy_denoise_unit_tests.TestAudioProcessing.energy_denoise_module`

Definition at line 38 of file energy\_denoise\_unit\_tests.py.

#### 6.6.3.3 `energy_denoise_unit_tests.TestAudioProcessing.rospack`

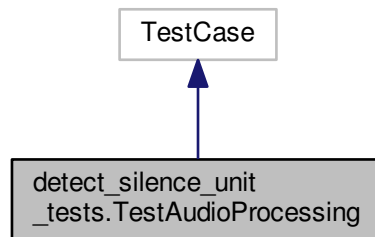
Definition at line 42 of file energy\_denoise\_unit\_tests.py.

The documentation for this class was generated from the following file:

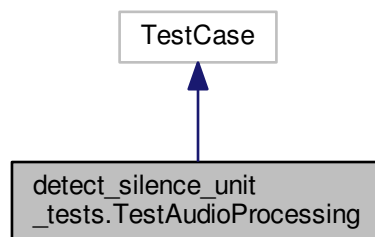
- [/home/travis/rapp\\_temp/rapp-platform/rapp\\_audio\\_processing/tests/unit/energy\\_denoise\\_unit\\_tests.py](#)

## 6.7 detect\_silence\_unit\_tests.TestAudioProcessing Class Reference

Inheritance diagram for detect\_silence\_unit\_tests.TestAudioProcessing:



Collaboration diagram for detect\_silence\_unit\_tests.TestAudioProcessing:



### Public Member Functions

- def [setUp](#)
- def [tearDown](#)
- def [test\\_noSilence](#)
- def [test\\_notExistentFile](#)
- def [test\\_silence](#)

### Public Attributes

- [auxiliary\\_files\\_url](#)
- [detect\\_silence\\_module](#)
- [rospack](#)

### 6.7.1 Detailed Description

Definition at line 31 of file `detect_silence_unit_tests.py`.

## 6.7.2 Member Function Documentation

### 6.7.2.1 def detect\_silence\_unit\_tests.TestAudioProcessing.setUp ( self )

Definition at line 32 of file detect\_silence\_unit\_tests.py.

### 6.7.2.2 def detect\_silence\_unit\_tests.TestAudioProcessing.tearDown ( self )

Definition at line 38 of file detect\_silence\_unit\_tests.py.

### 6.7.2.3 def detect\_silence\_unit\_tests.TestAudioProcessing.test\_noSilence ( self )

Definition at line 47 of file detect\_silence\_unit\_tests.py.

### 6.7.2.4 def detect\_silence\_unit\_tests.TestAudioProcessing.test\_notExistentFile ( self )

Definition at line 52 of file detect\_silence\_unit\_tests.py.

### 6.7.2.5 def detect\_silence\_unit\_tests.TestAudioProcessing.test\_silence ( self )

Definition at line 42 of file detect\_silence\_unit\_tests.py.

## 6.7.3 Member Data Documentation

### 6.7.3.1 detect\_silence\_unit\_tests.TestAudioProcessing.auxiliary\_files\_url

Definition at line 34 of file detect\_silence\_unit\_tests.py.

### 6.7.3.2 detect\_silence\_unit\_tests.TestAudioProcessing.detect\_silence\_module

Definition at line 36 of file detect\_silence\_unit\_tests.py.

### 6.7.3.3 detect\_silence\_unit\_tests.TestAudioProcessing.rospack

Definition at line 40 of file detect\_silence\_unit\_tests.py.

The documentation for this class was generated from the following file:

- /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/[detect\\_silence\\_unit\\_tests.py](#)





## Chapter 7

# File Documentation

### 7.1 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/functional/set\_noise\_profile\_functional.py File Reference

#### Classes

- class [set\\_noise\\_profile\\_functional.AudioProcessingSetNoiseProfileFunc](#)

#### Namespaces

- [set\\_noise\\_profile\\_functional](#)

#### Variables

- string [set\\_noise\\_profile\\_functional.PKG](#) = 'rapp\_audio\_processing'

### 7.2 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/denoise\_unit\_tests.py File Reference

#### Classes

- class [denoise\\_unit\\_tests.TestAudioProcessing](#)

#### Namespaces

- [denoise\\_unit\\_tests](#)

### 7.3 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/detect\_silence\_unit\_tests.py File Reference

#### Classes

- class [detect\\_silence\\_unit\\_tests.TestAudioProcessing](#)

## Namespaces

- [detect\\_silence\\_unit\\_tests](#)

### 7.4 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/energy\_denoise\_unit\_tests.py File Reference

## Classes

- class [energy\\_denoise\\_unit\\_tests.TestAudioProcessing](#)

## Namespaces

- [energy\\_denoise\\_unit\\_tests](#)

### 7.5 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/set\_noise\_profile\_unit\_tests.py File Reference

## Classes

- class [set\\_noise\\_profile\\_unit\\_tests.TestAudioProcessing](#)

## Namespaces

- [set\\_noise\\_profile\\_unit\\_tests](#)

### 7.6 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/transform\_audio\_unit\_tests.py File Reference

## Classes

- class [transform\\_audio\\_unit\\_tests.TestAudioProcessing](#)

## Namespaces

- [transform\\_audio\\_unit\\_tests](#)

### 7.7 /home/travis/rapp\_temp/rapp-platform/rapp\_audio\_processing/tests/unit/utilities\_unit\_tests.py File Reference

## Classes

- class [utilities\\_unit\\_tests.TestAudioProcessing](#)

## Namespaces

- [utilities\\_unit\\_tests](#)

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