

RAPP Platform Tests - Knowrob Wrapper
v0.6.0

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Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

cognitive_exercise_system_knowrob_services_functional_tests	9
load_dump_ontology_functional_tests	9
sub_super_class_functional_tests	10

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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

TestCase	
cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc	11
load_dump_ontology_functional_tests.OntologyFunc	14
sub_super_class_functional_tests.OntologyFunc	15

Chapter 3

Class Index

3.1 Class List

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

cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc	
Inherits the unittest.TestCase class in order to offer functional tests functionality	11
load_dump_ontology_functional_tests.OntologyFunc	
Inherits the unittest.TestCase class in order to offer functional tests functionalit	14
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Inherits the unittest.TestCase class in order to offer functional tests functionality	15

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File Index

4.1 File List

Here is a list of all files with brief descriptions:

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Chapter 5

Namespace Documentation

5.1 cognitive_exercise_system_knowrob_services_functional_tests Namespace Reference

Classes

- class [OntologyFunc](#)
Inherits the unittest.TestCase class in order to offer functional tests functionality.

Variables

- string [PKG](#) = 'rapp_knowrob_wrapper'

5.1.1 Variable Documentation

5.1.1.1 string `cognitive_exercise_system_knowrob_services_functional_tests.PKG` = 'rapp_knowrob_wrapper'

Definition at line 17 of file `cognitive_exercise_system_knowrob_services_functional_tests.py`.

5.2 load_dump_ontology_functional_tests Namespace Reference

Classes

- class [OntologyFunc](#)
Inherits the unittest.TestCase class in order to offer functional tests functionalit.

Variables

- string [PKG](#) = 'rapp_knowrob_wrapper'

5.2.1 Variable Documentation

5.2.1.1 string `load_dump_ontology_functional_tests.PKG` = 'rapp_knowrob_wrapper'

Definition at line 18 of file `load_dump_ontology_functional_tests.py`.

5.3 sub_super_class_functional_tests Namespace Reference

Classes

- class [OntologyFunc](#)
Inherits the `unittest.TestCase` class in order to offer functional tests functionality.

Variables

- string [PKG](#) = 'rapp_knowrob_wrapper'

5.3.1 Variable Documentation

5.3.1.1 string sub_super_class_functional_tests.PKG = 'rapp_knowrob_wrapper'

Definition at line 17 of file sub_super_class_functional_tests.py.

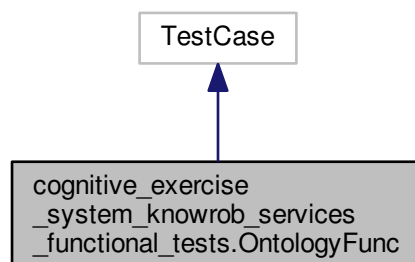
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Class Documentation

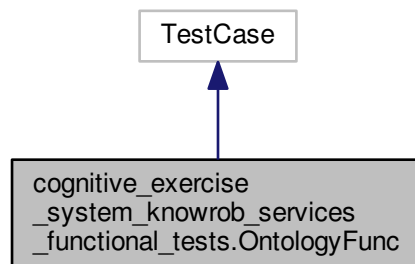
6.1 `cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc` Class Reference

Inherits the `unittest.TestCase` class in order to offer functional tests functionality.

Inheritance diagram for `cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc`:



Collaboration diagram for `cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc`:



Public Member Functions

- def [test_cognitive_tests_of_existent_type](#)
Test cognitive tests of existent type.
- def [test_cognitive_tests_of_nonexistent_type](#)
Test cognitive tests of non existent type.
- def [test_create_nonexistent_cognitive_test](#)
Test create existent cognitive test def `test_create_existent_cognitive_test(self): subclasses_of_service = rospy.get_param(\ "rapp_knowrob_wrapper_create_cognitive_tests") rospy.wait_for_service(subclasses_of_service)`
- def [test_create_nonexistent_cognitive_test_xml_path_nonexistent](#)
Test create non existent cognitive test with invalid xml path.
- def [test_get_user_ontology_alias_existent_user](#)
Test get user ontology alias of existent user.
- def [test_get_user_ontology_alias_nonexistent_user](#)
Test get user ontology alias of nonexistent user.
- def [test_record_user_performance_nonexisting_test_and_user](#)
Test record user performance of existent user and test type def `test_record_user_performance_existing_test_and_user(self): subclasses_of_service = rospy.get_param(\ "rapp_knowrob_wrapper_record_user_cognitive_tests_performance") rospy.wait_for_service(subclasses_of_service)`
- def [test_user_performance_existent_user_and_test](#)
Test user performance of existent user and test type.
- def [test_user_performance_nonexistent_user_and_test](#)
Test user performance of nonexistent user and test type.

6.1.1 Detailed Description

Inherits the `unittest.TestCase` class in order to offer functional tests functionality.

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

6.1.2 Member Function Documentation

6.1.2.1 `def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_cognitive_tests_of_existent_type (self)`

Test cognitive tests of existent type.

Definition at line 47 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.2 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_cognitive_tests_of_nonexistent_type ( self )
```

Test cognitive tests of non existent type.

Definition at line 65 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.3 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_create_nonexistent_cognitive_test ( self )
```

Test create existent cognitive test def test_create_existent_cognitive_test(self): subclasses_of_service = rospy.get_param(\ "rapp_knowrob_wrapper_create_cognitive_tests") rospy.wait_for_service(subclasses_of_service)

Test create non existent cognitive test

Definition at line 196 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.4 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_create_nonexistent_cognitive_test_xml_path_nonexistent ( self )
```

Test create non existent cognitive test with invalid xml path.

Definition at line 216 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.5 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_get_user_ontology_alias_existent_user ( self )
```

Test get user ontology alias of existent user.

Definition at line 81 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.6 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_get_user_ontology_alias_nonexistent_user ( self )
```

Test get user ontology alias of nonexistent user.

Definition at line 96 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.7 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_record_user_performance_nonexisting_test_and_user ( self )
```

Test record user performance of existent user and test type def test_record_user_performance_existent_test_and_user(self): subclasses_of_service = rospy.get_param(\ "rapp_knowrob_wrapper_record_user_cognitive_tests_performance") rospy.wait_for_service(subclasses_of_service)

req.test_type="ArithmeticCts" req.test="ArithmeticCts_MewmmEsP" req.score=11 req.timestamp=1 response = test_service(req) self.assertEqual(response.success, True) Test record user performance of nonexistent user and test type

Definition at line 161 of file cognitive_exercise_system_knowrob_services_functional_tests.py.

```
6.1.2.8 def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_user_performance_existent_user_and_test ( self )
```

Test user performance of existent user and test type.

Definition at line 110 of file `cognitive_exercise_system_knowrob_services_functional_tests.py`.

6.1.2.9 `def cognitive_exercise_system_knowrob_services_functional_tests.OntologyFunc.test_user_performance_nonexistent_user_and_test (self)`

Test user performance of nonexistent user and test type.

Definition at line 127 of file `cognitive_exercise_system_knowrob_services_functional_tests.py`.

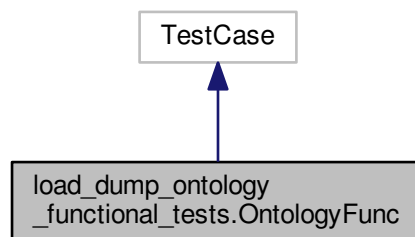
The documentation for this class was generated from the following file:

- `/home/travis/rapp_temp/rapp-platform/rapp_knowrob_wrapper/tests/functional/cognitive_exercise_system_knowrob_services_functional_tests.py`

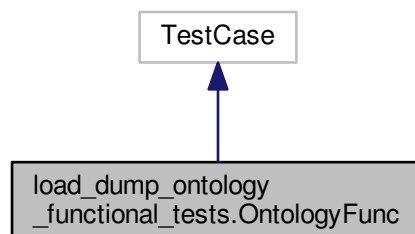
6.2 load_dump_ontology_functional_tests.OntologyFunc Class Reference

Inherits the `unittest.TestCase` class in order to offer functional tests functionalit.

Inheritance diagram for `load_dump_ontology_functional_tests.OntologyFunc`:



Collaboration diagram for `load_dump_ontology_functional_tests.OntologyFunc`:



Public Member Functions

- `def test_dump_correct_path`

Test dump ontology with correct path.

- def [test_dump_invalid_path](#)

Test dump ontology with invalid path.

- def [test_load_existent](#)

Test load ontology from existent file.

- def [test_load_nonexistent](#)

Test load ontology from non existent file.

6.2.1 Detailed Description

Inherits the unittest.TestCase class in order to offer functional tests functionalit.

Definition at line 33 of file load_dump_ontology_functional_tests.py.

6.2.2 Member Function Documentation

6.2.2.1 def load_dump_ontology_functional_tests.OntologyFunc.test_dump_correct_path (self)

Test dump ontology with correct path.

Definition at line 64 of file load_dump_ontology_functional_tests.py.

6.2.2.2 def load_dump_ontology_functional_tests.OntologyFunc.test_dump_invalid_path (self)

Test dump ontology with invalid path.

Definition at line 78 of file load_dump_ontology_functional_tests.py.

6.2.2.3 def load_dump_ontology_functional_tests.OntologyFunc.test_load_existent (self)

Test load ontology from existent file.

Definition at line 36 of file load_dump_ontology_functional_tests.py.

6.2.2.4 def load_dump_ontology_functional_tests.OntologyFunc.test_load_nonexistent (self)

Test load ontology from non existent file.

Definition at line 50 of file load_dump_ontology_functional_tests.py.

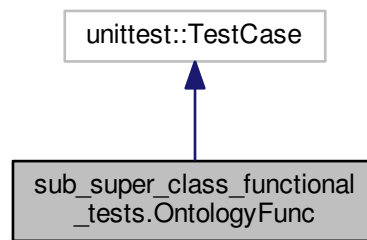
The documentation for this class was generated from the following file:

- /home/travis/rapp_temp/rapp-platform/rapp_knowrob_wrapper/tests/functional/[load_dump_ontology_functional_tests.py](#)

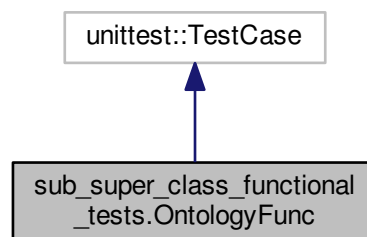
6.3 sub_super_class_functional_tests.OntologyFunc Class Reference

Inherits the unittest.TestCase class in order to offer functional tests functionality.

Inheritance diagram for `sub_super_class_functional_tests.OntologyFunc`:



Collaboration diagram for `sub_super_class_functional_tests.OntologyFunc`:



Public Member Functions

- def [test_sub_superclasses_of_existent_class_direct](#)
Tests sub-superclasses_of existent class direct.
- def [test_sub_superclasses_of_existent_class_direct_recursive](#)
Tests sub-superclasses_of existent class direct recursive.
- def [test_sub_superclasses_of_existent_class_indirect](#)
Tests sub-superclasses_of existent class indirect.
- def [test_sub_superclasses_of_existent_class_indirect_recursive](#)
Tests sub-superclasses_of existent class indirect recursive.
- def [test_sub_superclasses_of_existent_class_recursive](#)
Tests sub-superclasses_of existent class recursive.
- def [test_sub_superclasses_of_existent_classes_recursive](#)
Tests sub-superclasses_of existent classes.
- def [test_sub_superclasses_of_non_existent_class](#)
Tests sub-superclasses_of non existent class.
- def [test_sub_superclasses_of_non_existent_classes](#)
Tests sub-superclasses_of non existent classes.

- def [test_subclasses_of_existent_class](#)
Tests Subclasses_of existent class.
- def [test_subclasses_of_existent_class_recursive](#)
Tests Subclass_of existent class recursive.
- def [test_subclasses_of_existent_class_stress](#)
Tests Subclasses_of existent class stress.
- def [test_subclasses_of_non_existent_class](#)
Tests Subclass_of non existent class.
- def [test_subclasses_of_non_existent_class_recursive](#)
Tests Subclass_of non existent class recursive.
- def [test_superclasses_of_existent_class](#)
Tests Superclasses_of existent class.
- def [test_superclasses_of_existent_class_recursive](#)
Tests Superclasses_of existent class recursive.
- def [test_superclasses_of_non_existent_class](#)
Tests Superclasses_of non existent class.
- def [test_superclasses_of_non_existent_class_recursive](#)
Tests Superclasses_of non existent class recursive.

6.3.1 Detailed Description

Inherits the unittest.TestCase class in order to offer functional tests functionality.

Definition at line 38 of file sub_super_class_functional_tests.py.

6.3.2 Member Function Documentation

6.3.2.1 def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_existent_class_direct (self)

Tests sub-superclasses_of existent class direct.

Definition at line 200 of file sub_super_class_functional_tests.py.

6.3.2.2 def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_existent_class_direct_recursive (self)

Tests sub-superclasses_of existent class direct recursive.

Definition at line 234 of file sub_super_class_functional_tests.py.

6.3.2.3 def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_existent_class_indirect (self)

Tests sub-superclasses_of existent class indirect.

Definition at line 217 of file sub_super_class_functional_tests.py.

6.3.2.4 def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_existent_class_indirect_recursive (self)

Tests sub-superclasses_of existent class indirect recursive.

Definition at line 251 of file sub_super_class_functional_tests.py.

6.3.2.5 `def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_existent_class_recursive (self)`

Tests sub-superclasses_of existent class recursive.

Definition at line 287 of file sub_super_class_functional_tests.py.

6.3.2.6 `def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_existent_classes_recursive (self)`

Tests sub-superclasses_of existent classes.

Definition at line 325 of file sub_super_class_functional_tests.py.

6.3.2.7 `def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_non_existent_class (self)`

Tests sub-superclasses_of non existent class.

Definition at line 268 of file sub_super_class_functional_tests.py.

6.3.2.8 `def sub_super_class_functional_tests.OntologyFunc.test_sub_superclasses_of_non_existent_classes (self)`

Tests sub-superclasses_of non existent classes.

Definition at line 306 of file sub_super_class_functional_tests.py.

6.3.2.9 `def sub_super_class_functional_tests.OntologyFunc.test_subclasses_of_existent_class (self)`

Tests Subclasses_of existent class.

Definition at line 41 of file sub_super_class_functional_tests.py.

6.3.2.10 `def sub_super_class_functional_tests.OntologyFunc.test_subclasses_of_existent_class_recursive (self)`

Tests Subclass_of existent class recursive.

Definition at line 92 of file sub_super_class_functional_tests.py.

6.3.2.11 `def sub_super_class_functional_tests.OntologyFunc.test_subclasses_of_existent_class_stress (self)`

Tests Subclasses_of existent class stress.

Definition at line 58 of file sub_super_class_functional_tests.py.

6.3.2.12 `def sub_super_class_functional_tests.OntologyFunc.test_subclasses_of_non_existent_class (self)`

Tests Subclass_of non existent class.

Definition at line 75 of file sub_super_class_functional_tests.py.

6.3.2.13 `def sub_super_class_functional_tests.OntologyFunc.test_subclasses_of_non_existent_class_recursive (self)`

Tests Subclass_of non existent class recursive.

Definition at line 113 of file sub_super_class_functional_tests.py.

6.3.2.14 `def sub_super_class_functional_tests.OntologyFunc.test_superclasses_of_existent_class (self)`

Tests Superclasses_of existent class.

Definition at line 131 of file sub_super_class_functional_tests.py.

6.3.2.15 `def sub_super_class_functional_tests.OntologyFunc.test_superclasses_of_existent_class_recursive (self)`

Tests Superclasses_of existent class recursive.

Definition at line 146 of file sub_super_class_functional_tests.py.

6.3.2.16 `def sub_super_class_functional_tests.OntologyFunc.test_superclasses_of_non_existent_class (self)`

Tests Superclasses_of non existent class.

Definition at line 167 of file sub_super_class_functional_tests.py.

6.3.2.17 `def sub_super_class_functional_tests.OntologyFunc.test_superclasses_of_non_existent_class_recursive (self)`

Tests Superclasses_of non existent class recursive.

Definition at line 183 of file sub_super_class_functional_tests.py.

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

- [/home/travis/rapp_temp/rapp-platform/rapp_knowrob_wrapper/tests/functional/sub_super_class_functional_tests.py](#)

Chapter 7

File Documentation

7.1 /home/travis/rapp_temp/rapp-platform/rapp-knowrob_wrapper/tests/functional/cognitive-exercise_system-knowrob_services_functional_tests.py File Reference

Classes

- class [cognitive_exercise_system-knowrob_services_functional_tests.OntologyFunc](#)
Inherits the unittest.TestCase class in order to offer functional tests functionality.

Namespaces

- [cognitive_exercise_system-knowrob_services_functional_tests](#)

Variables

- string [cognitive_exercise_system-knowrob_services_functional_tests.PKG](#) = 'rapp-knowrob_wrapper'

7.2 /home/travis/rapp_temp/rapp-platform/rapp-knowrob_wrapper/tests/functional/load-dump_ontology_functional_tests.py File Reference

Classes

- class [load_dump_ontology_functional_tests.OntologyFunc](#)
Inherits the unittest.TestCase class in order to offer functional tests functionalit.

Namespaces

- [load_dump_ontology_functional_tests](#)

Variables

- string [load_dump_ontology_functional_tests.PKG](#) = 'rapp-knowrob_wrapper'

7.3 /home/travis/rapp_temp/rapp-platform/rapp_knowrob_wrapper/tests/functional/sub_super_class_functional_tests.py File Reference

Classes

- class [sub_super_class_functional_tests.OntologyFunc](#)
Inherits the `unittest.TestCase` class in order to offer functional tests functionality.

Namespaces

- [sub_super_class_functional_tests](#)

Variables

- string [sub_super_class_functional_tests.PKG](#) = 'rapp_knowrob_wrapper'

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