## RAPP Platform Tests - Knowrob Wrapper

Generated by Doxygen 1.8.6

Fri Dec 4 2015 16:20:35

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|---|
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| sub super class functional tests                            |

2 Namespace Index

# **Hierarchical Index**

## 2.1 Class Hierarchy

| This inheritance | list is sorted rough | nly, but not completely | , alphabetically |
|------------------|----------------------|-------------------------|------------------|
|                  |                      |                         |                  |

| TestCase      |   |      |     |
|---------------|---|------|-----|
| cognitive_exe | rcise_system_knowrob_services_functional_tests.OntologyFunc | <br> | . 1 |
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**Hierarchical Index** 

## **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 |
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| sub_super_class_functional_tests.OntologyFunc   |    |
| 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:

| /home/travis/rapp_temp/rapp-platform/rapp_knowrob_wrapper/tests/functional/cognitive_exercise   |    |
|---|----|
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| /home/travis/rapp_temp/rapp-platform/rapp_knowrob_wrapper/tests/functional/load_dump_ontology   |    |
| functional_tests.py   | 21 |
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| _tests.py   | 22 |

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## **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'

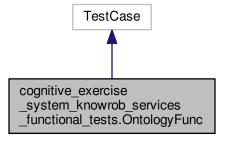
Definition at line 17 of file sub\_super\_class\_functional\_tests.py.

## **Class Documentation**

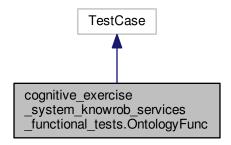
6.1 cognitive\_exercise\_system\_knowrob\_services\_functional\_tests.OntologyFunc Class Reference

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\_cognitve\_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\_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. Test Case class in order to offer functional tests functionality.

Definition at line 41 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 44 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 62 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 166 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 186 of file cognitive\_exercise\_system\_knowrob\_services\_functional\_tests.py.

6.1.2.5 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\_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)

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 131 of file cognitive exercise system knowrob services functional tests.py.

6.1.2.6 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 78 of file cognitive\_exercise\_system\_knowrob\_services\_functional\_tests.py.

6.1.2.7 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.

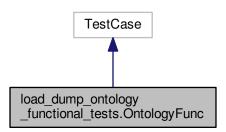
Definition at line 97 of file cognitive\_exercise\_system\_knowrob\_services\_functional\_tests.py.

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

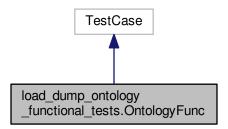
/home/travis/rapp\_temp/rapp-platform/rapp\_knowrob\_wrapper/tests/functional/cognitive\_exercise\_system\_-knowrob\_services\_functional\_tests.py

### 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.

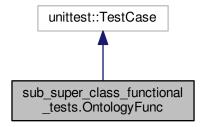
Definition at line 50 of file load dump ontology functional tests.py.

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

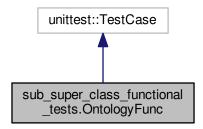
/home/travis/rapp\_temp/rapp-platform/rapp\_knowrob\_wrapper/tests/functional/load\_dump\_ontology\_functional\_tests.py

### 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\_classs\_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.

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:

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|           |                           |           |                   |               |         |         |       |

### **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'

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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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