

---

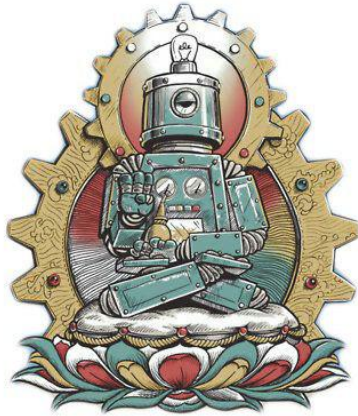
# ASCETIC

Automated Code Smell Identification and Correction

---

## TEST EXECUTION REPORT

VERSION 1.0



28/01/2019

Coordinatore Progetto:

Nome	Matricola
Manuel De Stefano	0522500633

Partecipanti:

Nome	Matricola
Amoriello Nicola	0512104742
Di Dario Dario	0512104758
Gambardella Michele Simone	0512104502
Iovane Francesco	0512104550
Pascucci Domenico	0512102950
Patierno Sara	0512103460

Revision History:

Data	Versione	Descrizione	Autore
28/01/2019	1.0	Prima Stesura	Francesco Iovane

Indice

1	Test Suite Report	3
1.1	Unità Analisi . . . . .	3
1.2	Unità Refactoring . . . . .	7
1.3	Unità Parser . . . . .	8

# Test Suite Execution Report

## 1.1 Unità Analisi

SQLiteConnectorTest	505 ms
SQLiteConnectorTest.testConnect	passed505 ms
gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.sqlite.jdbc_driver.connection.SQLiteConnectorTest testConnect INFORMAZIONI: Connessione riuscita	
DBCreationTest	91 ms
DBCreationTest.testCreateSQL	passed91 ms
gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.repository.DBCreationTest testCreateSQL INFORMAZIONI: true	
InstanceVariableListProxyTest	133 ms
InstanceVariableListProxyTest.getList	passed133 ms
gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.beans.InstanceVariableListProxyTest getList INFORMAZIONI: [InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='string', initialization='user', visibility='public'}] [InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='string', initialization='user', visibility='public'}]	
UsedInstanceVariableListProxyTest	95 ms
UsedInstanceVariableListProxyTest.getList	passed95 ms
gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.beans.UsedInstanceVariableListProxyTest getList INFORMAZIONI: [InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='string', initialization='user', visibility='public'}] [InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='string', initialization='user', visibility='public'}]	
CalledMethodsListProxyTest	131 ms
CalledMethodsListProxyTest.getList	passed131 ms
gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.beans.CalledMethodsListProxyTest getList INFORMAZIONI: [MethodBean{fullQualifiedName='metodo2', textContent='contenuto', returnType=ClassBean{fullQualifiedName='void', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters={}, instanceVariables=it.unisa.ascetic.storage.beans.UsedInstanceVariableListProxy@1f09ab83, methodsCalls=it.unisa.ascetic.storage.beans.CalledMethodsListProxy@e73f9ac, belongingClass='classe2', enviedClass='null', staticMethod=false, isDefaultCostructor=false, affectedSmell=[], visibility=public}] gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.beans.CalledMethodsListProxyTest getList INFORMAZIONI: true	
MethodListProxyTest	118 ms
MethodListProxyTest.getList	passed118 ms
gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.beans.MethodListProxyTest getList INFORMAZIONI: [MethodBean{fullQualifiedName='metodo', textContent='contenuto', returnType=ClassBean{fullQualifiedName='void', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters={}, instanceVariables=it.unisa.ascetic.storage.beans.UsedInstanceVariableListProxy@7b1d7fff, methodsCalls=it.unisa.ascetic.storage.beans.CalledMethodsListProxy@299a06ac, belongingClass='classe', enviedClass='classe2', staticMethod=false, isDefaultCostructor=false, affectedSmell=[Feature Envy], visibility=public}] gen 28, 2019 3:43:20 PM it.unisa.ascetic.storage.beans.MethodListProxyTest getList INFORMAZIONI: true	
ClassListProxyTest	147 ms
ClassListProxyTest.getList	passed147 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.beans.ClassListProxyTest getList INFORMAZIONI: [ClassBean{fullQualifiedName='classe', textContent='contenuto', instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableListProxy@6bc168e5, methods=it.unisa.ascetic.storage.beans.MethodListProxy@7b3300e5, imports=[], LOC=1000, superclass='null', belongingPackage='package', enviedPackage='null', entityClassUsage=10, pathToFile='C:\Users', affectedSmell=[]}] gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.beans.ClassListProxyTest getList INFORMAZIONI: true	
InstanceVariableRepositoryTest	275 ms
InstanceVariableRepositoryTest.add	passed87 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.InstanceVariableRepositoryTest add INFORMAZIONI: InstanceVariableBean{fullQualifiedName='prova', type='integer', initialization='10', visibility='private'} InstanceVariableBean{fullQualifiedName='prova', type='integer', initialization='10', visibility='private'}	
InstanceVariableRepositoryTest.remove	passed69 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.InstanceVariableRepositoryTest remove INFORMAZIONI: false	
InstanceVariableRepositoryTest.update	passed71 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.InstanceVariableRepositoryTest update INFORMAZIONI: InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='integer', initialization='10', visibility='private'} InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='integer', initialization='10', visibility='private'}	
InstanceVariableRepositoryTest.select	passed48 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.InstanceVariableRepositoryTest select INFORMAZIONI: [InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='string', initialization='admin', visibility='public'}] [InstanceVariableBean{fullQualifiedName='fullQualifiedName', type='string', initialization='admin', visibility='public'}]	
MethodRepositoryTest	670 ms
MethodRepositoryTest.add	passed144 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.MethodRepositoryTest add INFORMAZIONI: MethodBean{fullQualifiedName='new', textContent='contenuto', returnType=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters={name=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}}, instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@1c6b6478, methodsCalls=it.unisa.ascetic.storage.beans.MethodList@67f89fa3, belongingClass='classe', enviedClass='null', staticMethod=false, isDefaultCostructor=false, affectedSmell=[], visibility=public} MethodBean{fullQualifiedName='new', textContent='contenuto', returnType=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters={name=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods='null', imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}}, instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@4ac68d3e, methodsCalls=it.unisa.ascetic.storage.beans.MethodList@277c0f21, belongingClass='classe', enviedClass='null', staticMethod=false, isDefaultCostructor=false, affectedSmell=[], visibility=public}	
MethodRepositoryTest.remove	passed161 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.MethodRepositoryTest remove INFORMAZIONI: false	

MethodRepositoryTest.update		passed	200 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.MethodRepositoryTest update INFORMAZIONI: MethodBean{fullQualifiedName='metodo', textContent='prova', returnType=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters=null, instanceVariables=null, methodsCalls=null, belongingClass='classe2', enviedClass='null', staticMethod=false, isDefaultCostructor=false, affectedSmell=[], visibility=public} MethodBean{fullQualifiedName='metodo', textContent='prova', returnType=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters=null, instanceVariables=null, methodsCalls=null, belongingClass='classe2', enviedClass='null', staticMethod=false, isDefaultCostructor=false, affectedSmell=[Feature Env], visibility=public}			
MethodRepositoryTest.select		passed	165 ms
gen 28, 2019 3:43:21 PM it.unisa.ascetic.storage.repository.MethodRepositoryTest select INFORMAZIONI: [MethodBean{fullQualifiedName='metodo', textContent='contenuto', returnType=ClassBean{fullQualifiedName='void', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters={name=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}}, instanceVariables=it.unisa.ascetic.storage.beans.UsedInstanceVariableListProxy@6073f712, methodsCalls=it.unisa.ascetic.storage.beans.CalledMethodsListProxy@43556938, belongingClass='classe', enviedClass='classe2', staticMethod=false, isDefaultCostructor=false, affectedSmell=[Feature Env], visibility=public} [MethodBean{fullQualifiedName='metodo', textContent='contenuto', returnType=ClassBean{fullQualifiedName='void', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}, parameters={name=ClassBean{fullQualifiedName='String', textContent='', instanceVariables=null, methods=null, imports='null', LOC=0, superclass='null', belongingPackage='null', enviedPackage='null', entityClassUsage=0, pathToFile='null', affectedSmell=null}}, instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@3d04a311, methodsCalls=it.unisa.ascetic.storage.beans.MethodList@7a46a697, belongingClass='classe', enviedClass='classe2', staticMethod=false, isDefaultCostructor=false, affectedSmell=[Feature Env], visibility=public}]			
ClassRepositoryTest			872 ms
ClassRepositoryTest.add		passed	231 ms
gen 28, 2019 3:43:22 PM it.unisa.ascetic.storage.repository.ClassRepositoryTest add INFORMAZIONI: ClassBean{fullQualifiedName='new', textContent='contenuto', instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@6d86b085, methods=it.unisa.ascetic.storage.beans.MethodList@75828a0f, imports='null', LOC=500, superclass='', belongingPackage='package', enviedPackage='null', entityClassUsage=20, pathToFile='C:\Users', affectedSmell=null} ClassBean{fullQualifiedName='new', textContent='contenuto', instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@3abfe836, methods=it.unisa.ascetic.storage.beans.MethodList@2ff5659e, imports='null', LOC=500, superclass='', belongingPackage='package', enviedPackage='null', entityClassUsage=20, pathToFile='C:\Users', affectedSmell=null}			
ClassRepositoryTest.remove		passed	220 ms
gen 28, 2019 3:43:22 PM it.unisa.ascetic.storage.repository.ClassRepositoryTest remove INFORMAZIONI: false			
ClassRepositoryTest.update		passed	215 ms
gen 28, 2019 3:43:22 PM it.unisa.ascetic.storage.repository.ClassRepositoryTest update INFORMAZIONI: ClassBean{fullQualifiedName='classe', textContent='contenuto', instanceVariables=null, methods=null, imports='null', LOC=300, superclass='classe2', belongingPackage='package2', enviedPackage='null', entityClassUsage=20, pathToFile='D:\Users', affectedSmell=null} ClassBean{fullQualifiedName='classe', textContent='contenuto', instanceVariables=null, methods=null, imports='null', LOC=300, superclass='classe2', belongingPackage='package2', enviedPackage='null', entityClassUsage=20, pathToFile='D:\Users', affectedSmell=null}			
ClassRepositoryTest.select		passed	206 ms
gen 28, 2019 3:43:22 PM it.unisa.ascetic.storage.repository.ClassRepositoryTest select INFORMAZIONI: [ClassBean{fullQualifiedName='classe', textContent='contenuto', instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableListProxy@77afea7d, methods=it.unisa.ascetic.storage.beans.MethodListProxy@161cd475, imports=[], LOC=1000, superclass='null', belongingPackage='package', enviedPackage='null', entityClassUsage=10, pathToFile='C:\Users', affectedSmell=[Blob, Misplaced Class]] [ClassBean{fullQualifiedName='classe', textContent='contenuto', instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@532760d8, methods=it.unisa.ascetic.storage.beans.MethodList@57fa26b7, imports=[], LOC=1000, superclass='null', belongingPackage='package', enviedPackage='null', entityClassUsage=10, pathToFile='C:\Users', affectedSmell=[Misplaced Class, Blob]]			
PackageRepositoryTest			888 ms
PackageRepositoryTest.add		passed	217 ms
gen 28, 2019 3:43:23 PM it.unisa.ascetic.storage.repository.PackageRepositoryTest add INFORMAZIONI: PackageBean{full qualified name='new',text content='contenuto',classes=it.unisa.ascetic.storage.beans.ClassList@2f410acf} PackageBean{full qualified name='new',text content='contenuto',classes=it.unisa.ascetic.storage.beans.ClassList@47089e5f}			
PackageRepositoryTest.remove		passed	220 ms
gen 28, 2019 3:43:23 PM it.unisa.ascetic.storage.repository.PackageRepositoryTest remove INFORMAZIONI: false			
PackageRepositoryTest.update		passed	215 ms
gen 28, 2019 3:43:23 PM it.unisa.ascetic.storage.repository.PackageRepositoryTest update INFORMAZIONI: PackageBean{full qualified name='package',text content='test',classes='null'} PackageBean{full qualified name='package',text content='test',classes='null'}			
PackageRepositoryTest.select		passed	236 ms
gen 28, 2019 3:43:23 PM it.unisa.ascetic.storage.repository.PackageRepositoryTest select INFORMAZIONI: [PackageBean{full qualified name='package',text content='contenuto',classes=it.unisa.ascetic.storage.beans.ClassListProxy@4141d797}, PackageBean{full qualified name='package2',text content='contenuto',classes=it.unisa.ascetic.storage.beans.ClassListProxy@68f7aae2}] [PackageBean{full qualified name='package',text content='contenuto',classes=it.unisa.ascetic.storage.beans.ClassList@4f47d241}, PackageBean{full qualified name='package2',text content='contenuto',classes=it.unisa.ascetic.storage.beans.ClassList@4c3e4790}]			
TextualFeatureEnvyStrategyTest			165 ms
TextualFeatureEnvyStrategyTest.isSmelly True		passed	78 ms
gen 28, 2019 3:43:23 PM it.unisa.ascetic.analysis.code_smell_detection.feature_envy.TextualFeatureEnvyStrategyTest isSmellyTrue INFORMAZIONI: true			
TextualFeatureEnvyStrategyTest.getEnviedClass		passed	87 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.feature_envy.TextualFeatureEnvyStrategyTest getEnviedClass INFORMAZIONI: ClassBean{fullQualifiedName='feature_envy.package.Customer', textContent='private String name; public Customer(String name) { this.name=name; } public String getName() { return name; } public String getMobilePhoneNumber() { Phone tel=new Phone(3333333333); String s="( " + tel.getAreaCode()+ " ) " ; tel=new Phone(4444444444); s+=tel.getPrefix() + "-"; tel=new Phone(5555555555); s+=tel.getNumber(); tel=new Phone(6666666666); return tel.getAreaCode() + " ) " + tel.getPrefix() + "- " + tel.getNumber(); }'; instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@19e1023e, methods=it.unisa.ascetic.storage.beans.MethodList@7cef4e59, imports='null', LOC=15, superclass='null', belongingPackage='feature_envy.package', enviedPackage='null', entityClassUsage=0, pathToFile='C:\Users\Simone\Desktop\IdeaProjects\Code\testData\feature_envy\package', affectedSmell=null}			

StructuralFeatureEnvyStrategyTest.isSmellyTrue		passed	7 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.feature_envy.StructuralFeatureEnvyStrategyTest.isSmellyTrue INFORMAZIONI: true			
StructuralFeatureEnvyStrategyTest.getEnviedClass		passed	1 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.feature_envy.StructuralFeatureEnvyStrategyTest.getEnviedClass INFORMAZIONI: ClassBean{fullQualifiedName='feature_envy.package.Customer', textContent='private String name; public Customer(String name) { this.name=name; } public String getName() { return name; } public String getMobilePhoneNumber() { Phone tel=new Phone(3333333333); string s="(" + tel.getAreaCode()+ ")" + " tel=new Phone(4444444444); s+=tel.getPrefix() + "-"; tel=new Phone(5555555555); s+=tel.getNumber(); tel=new Phone(6666666666); return tel.getAreaCode() + ")" + " tel.getPrefix() + "-"; tel.getNumber(); }'; instanceVariables=it.unisa.ascetic.storage.beans.InstanceVariableList@2db0f6b2, methods=it.unisa.ascetic.storage.beans.MethodList@3cd1f1c8, imports='null', LOC=15, superclass='null', belongingPackage='feature_envy.package', enviedPackage='null', entityClassUsage=0, pathToFile='C:\Users\Simone\Desktop\IdeaProjects\Code\testData\feature_envy\package', affectedSmell=null}			
TextualMisplacedClassStrategyTest			36 ms
TextualMisplacedClassStrategyTest.getEnviedPackage		passed	21 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.misplaced_class.TextualMisplacedClassStrategyTest.getEnviedPackage INFORMAZIONI: PackageBean{full qualified name='misplaced_class.package2',text content='public Cliente scorriListaClienti() { ArrayList<Cliente> clienti= new ArrayList<Cliente>(); Cliente c= new Cliente("Lucia",30); clienti.add(c); c= new Cliente("Ugo",51); clienti.add(c); c= new Cliente("Maria",16); clienti.add(c); c= new Cliente("Lucia",20); clienti.add(c); int contatore=0; for(int i=0;i<4;i++) { if(clienti.get(contatore)<clienti.get(i).getEtà())(contatore=i); } return clienti.get(contatore); }';classes=it.unisa.ascetic.storage.beans.ClassList@198e2867' PackageBean{full qualified name='misplaced_class.package2',text content='public Cliente scorriListaClienti() { ArrayList<Cliente> clienti= new ArrayList<Cliente>(); Cliente c= new Cliente("Lucia",30); clienti.add(c); c= new Cliente("Ugo",51); clienti.add(c); c= new Cliente("Maria",16); clienti.add(c); c= new Cliente("Lucia",20); clienti.add(c); int contatore=0; for(int i=0;i<4;i++) { if(clienti.get(contatore)<clienti.get(i).getEtà())(contatore=i); } return clienti.get(contatore); }';classes=it.unisa.ascetic.storage.beans.ClassList@198e2867'			
TextualMisplacedClassStrategyTest.isSmellyTrue		passed	8 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.misplaced_class.TextualMisplacedClassStrategyTest.isSmellyTrue INFORMAZIONI: true			
TextualMisplacedClassStrategyTest.isSmellyFalse		passed	7 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.misplaced_class.TextualMisplacedClassStrategyTest.isSmellyFalse INFORMAZIONI: false			
StructuralMisplacedClassStrategyTest			12 ms
StructuralMisplacedClassStrategyTest.getEnviedPackage		passed	1 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.misplaced_class.StructuralMisplacedClassStrategyTest.getEnviedPackage INFORMAZIONI: PackageBean{full qualified name='misplaced_class.package2',text content='public Cliente scorriListaClienti() {  ArrayList<Cliente> clienti= new ArrayList<Cliente>(); Cliente c= new Cliente("Lucia",30); clienti.add(c); c= new Cliente("Ugo",51); clienti.add(c); c= new Cliente("Maria",16); clienti.add(c); c= new Cliente("Lucia",20); clienti.add(c); int contatore=0; for(int i=0;i<4;i++) { if(clienti.get(contatore)<clienti.get(i).getEtà())(contatore=i); } return clienti.get(contatore); }';classes=it.unisa.ascetic.storage.beans.ClassList@3ada9e37' PackageBean{full qualified name='misplaced_class.package2',text content='public Cliente scorriListaClienti() {  ArrayList<Cliente> clienti= new ArrayList<Cliente>(); Cliente c= new Cliente("Lucia",30); clienti.add(c); c= new Cliente("Ugo",51);			

<pre>        clienti.add(c);         c= new Cliente("Maria",16);         clienti.add(c);         c= new Cliente("Lucia",20);         clienti.add(c);         int contatore=0;         for(int i=0;i&lt;4;i++){             if(clienti.get(contatore)&lt;clienti.get(i).getEtà()){contatore=i;}         }         return clienti.get(contatore);     };classes=it.unisa.ascetic.storage.beans.ClassList@3ada9e37}</pre>				
<b>StructuralMisplacedClassStrategyTest.isSmellyTrue</b>			passed	4 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.misplaced_class.StructuralMisplacedClassStrategyTest isSmellyTrue				
INFORMAZIONI: true				
<b>StructuralMisplacedClassStrategyTest.isSmellyFalse</b>			passed	7 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.misplaced_class.StructuralMisplacedClassStrategyTest isSmellyFalse				
INFORMAZIONI: false				
<b>TextualBlobStrategyTest</b>				51 ms
<b>TextualBlobStrategyTest.isSmellyTrue</b>			passed	26 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.blob.TextualBlobStrategyTest isSmellyTrue				
INFORMAZIONI: true				
<b>TextualBlobStrategyTest.isSmellyFalse</b>			passed	1 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.blob.TextualBlobStrategyTest isSmellyFalse				
INFORMAZIONI: false				
<b>TextualBlobStrategyTest.getBlobProbability</b>			passed	24 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.blob.TextualBlobStrategyTest getBlobProbability				
INFORMAZIONI: true				
<b>TextualPromiscuousPackageStrategyTest</b>				82 ms
<b>TextualPromiscuousPackageStrategyTest.isSmellyTrue</b>			passed	27 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.promiscuous_package.TextualPromiscuousPackageStrategyTest isSmellyTrue				
INFORMAZIONI: true				
<b>TextualPromiscuousPackageStrategyTest.isSmellyFalse</b>			passed	1 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.promiscuous_package.TextualPromiscuousPackageStrategyTest isSmellyFalse				
INFORMAZIONI: false				
<b>TextualPromiscuousPackageStrategyTest.getPromiscuousPackageProbability</b>			passed	54 ms
gen 28, 2019 3:43:24 PM it.unisa.ascetic.analysis.code_smell_detection.promiscuous_package.TextualPromiscuousPackageStrategyTest getPromiscuousPackageProbability				
INFORMAZIONI: true				

## 1.2 Unità Refactoring

FeatureEnvyRefactoringStrategyTest.testMoveMethod	passed	7.75 s
<div><div>log4j:WARN No appenders could be found for logger (#com.intellij.idea.IdeaApplication).</div><div>log4j:WARN Please initialize the log4j system properly.</div><div>log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.</div><div>Ho fatto il psiMethod.getReturnType su un costruttore e ho gestito un NullPointerException</div><div>NORMALE DO NOT PANIC</div><div>gen 28, 2019 11:38:48 AM it.unisa.ascetic.refactor.manipulator.FeatureEnvyRefactoringStrategy.selectFixingStrategy</div><div>INFORMAZIONI: selezionata la strategia PARAMETRI</div><div>gen 28, 2019 11:38:48 AM it.unisa.ascetic.refactor.manipulator.FeatureEnvyRefactoringStrategy.buildMethod</div><div>INFORMAZIONI:</div><div>*****Metodo Generato*****</div><div>public String getMobilePhoneNumber(String s, Foo foo, Phone mobilePhone) {</div><div>return mobilePhone.getMobilePhoneNumber(s,foo,bar);</div><div>}</div><div>*****</div><div>gen 28, 2019 11:38:48 AM it.unisa.ascetic.refactor.manipulator.FeatureEnvyRefactoringStrategy.methodWriter</div><div>INFORMAZIONI: getMobilePhoneNumber sostituito correttamente in Customer</div><div>gen 28, 2019 11:38:48 AM it.unisa.ascetic.refactor.manipulator.FeatureEnvyRefactoringStrategy.buildMethod</div><div>INFORMAZIONI:</div><div>*****Metodo Generato*****</div><div>public String getMobilePhoneNumber(String s, Foo foo, int bar) {</div><div>bar = 3;</div><div>return "(" +</div><div>getAreaCode() + ")" +</div><div>getPrefix() + "-" +</div><div>getNumber();</div><div>}</div><div>*****</div><div>gen 28, 2019 11:38:49 AM it.unisa.ascetic.refactor.manipulator.FeatureEnvyRefactoringStrategy.methodWriter</div><div>INFORMAZIONI: getMobilePhoneNumber aggiunto correttamente in Phone</div></div>		



### 1.3 Unità Parser

<div><div>PsiParserTest.testPsiParser</div></div>	<div>passed9.89 s</div>
<div><div><div>log4j:WARN No appenders could be found for logger (#com.intellij.util.ui.JBUI).</div><div>log4j:WARN Please initialize the log4j system properly.</div><div>log4j:WARN See <a href="http://logging.apache.org/log4j/1.2/faq.html#noconfig">http://logging.apache.org/log4j/1.2/faq.html#noconfig</a> for more info.</div></div><div>*****</div><div><div>Ciao sono il ClassBean Oracolo</div><div>ParserDataTest.Customer</div><div>package ParserDataTest;</div><div>public class Customer {</div><div>private Phone mobilePhone;</div><div>private int bar;</div><div>public String getMobilePhoneNumber(String s,Foo foo) {</div><div>bar = 3;</div><div>return "(" +</div><div>mobilePhone.getAreaCode() + ")" +</div><div>mobilePhone.getPrefix() + "-" +</div><div>mobilePhone.getNumber();</div><div>}</div><div>}</div><div>*****</div></div><div><div>Ciao sono il ClassBean da Testare</div><div>ParserDataTest.Customer</div><div>package ParserDataTest;</div><div>public class Customer {</div><div>private Phone mobilePhone;</div><div>private int bar;</div><div>public String getMobilePhoneNumber(String s,Foo foo) {</div><div>bar = 3;</div><div>return "(" +</div><div>mobilePhone.getAreaCode() + ")" +</div><div>mobilePhone.getPrefix() + "-" +</div><div>mobilePhone.getNumber();</div><div>}</div><div>}</div><div>*****</div></div><div><div>Siamo Uguali: true</div><div>*****</div></div><div><div>Ciao sono il MethodBean Oracolo:</div><div>getMobilePhoneNumber</div><div>{</div><div>bar = 3;</div><div>return "(" +</div><div>mobilePhone.getAreaCode() + ")" +</div><div>mobilePhone.getPrefix() + "-" +</div><div>mobilePhone.getNumber();</div><div>}</div><div>*****</div></div><div><div>Ciao sono il MethodBean da testare:</div><div>getMobilePhoneNumber</div><div>{</div><div>bar = 3;</div><div>return "(" +</div><div>mobilePhone.getAreaCode() + ")" +</div><div>mobilePhone.getPrefix() + "-" +</div><div>mobilePhone.getNumber();</div><div>}</div><div>*****</div></div><div><div>Ciao sono l'InstanceVariable Oracolo:</div><div>mobilePhone</div><div>ParserDataTest.Phone</div><div>*****</div></div><div><div>Ciao sono l'InstanceVariable da testare:</div><div>mobilePhone</div><div>ParserDataTest.Phone</div></div><div><div>Siamo Uguali: true</div></div></div>	