Ingegneria, Gestione ed Evoluzione del Software

Test Case Specification

cASpER

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1.1 Test Case Specification

Nella versione attuale di cASpER è presente una test suite composta come segue:

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Table 1.1: Test Suite pre modifica

1.1.1 BeanDetectionTest

Pre: MethodBean e ClassBean creati

ID	Nome	Input	Output Atteso
1.1	isBean()	-	true

1.1.2   StructuralBlobStrategyTest

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
2.1	isSmellyTrue()	-	true
2.2	isSmellyNearThreshold	-	true
2.3	isSmellyMinThreshold	-	false
2.4	isSmellyTrueControl()	-	true
2.5	isSmellyFalse()	-	false

1.1.3   TextualBlobStrategyTest

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
3.1	isSmellyTrue()	-	true
3.2	isSmellyNearThreshold	-	true
3.3	isSmellyMinThreshold	-	false
3.4	isSmellyFalse()	-	false

1.1.4   TextualBlobStrategyTest

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
4.1	isSmellyTrue()	-	true
4.2	isSmellyNearThreshold	-	true
4.3	isSmellyMinThreshold	-	false
4.4	isSmellyFalse()	-	false

1.1.5   StructuralFeatureEnvyStrategy

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
5.1	isSmellyTrue()	-	true
5.2	isSmellyNearThreshold	-	true
5.3	isSmellyMinThreshold	-	false
5.4	isSmellyFalse()	-	false

1.1.6 TextualFeatureEnvyStrategy

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
6.1	isSmellyTrue()	-	true
6.2	isSmellyNearThreshold	-	true
6.3	isSmellyMinThreshold	-	false
6.4	isSmellyFalse()	-	false

1.1.7 StructuralMisplacedClassStrategy

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
7.1	isSmellyTrue()	-	true
7.2	isSmellyNearThreshold	-	true
7.3	isSmellyMinThreshold	-	false
7.4	isSmellyFalse()	-	false

1.1.8 TextualMisplacedClassStrategy

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
8.1	isSmellyTrue()	-	true
8.2	isSmellyNearThreshold	-	true
8.3	isSmellyMinThreshold	-	false
8.4	isSmellyFalse()	-	false

1.1.9 StructuralPromiscuousPackageStrategy

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
9.1	isSmellyTrue()	-	true
9.2	isSmellyNearThreshold	-	true
9.3	isSmellyMinThreshold	-	false
9.4	isSmellyFalse()	-	false

1.1.10   TextualPromiscuousPackageStrategy

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
10.1	isSmellyTrue()	-	true
10.2	isSmellyNearThreshold	-	true
10.3	isSmellyMinThreshold	-	false
10.4	isSmellyFalse()	-	false

1.1.11   SplitClassTest

Pre-requisiti: PackageBean, ClassBean, ClassBeanList, MethodBean, MethodBeanList creati

ID	Nome	Input	Output Atteso
11.1	splitTrue()	-	true
11.2	splitFalse	-	true

1.1.12   SplitPackagesTest

Pre-requisiti: PackageBean, List¡PackageBean¿, ClassBean, MethodBean, MethodBeanList¿ creati

ID	Nome	Input	Output Atteso
12.1	splitTrue()	-	true
12.2	splitFalse	-	true