Bug1

Bug2

Bug3

Bug4

Bug5

Bug6

Bug7

Bug8

Bug9

Bug10

Bug11

Bug12

Bug13

Bug14

Bug15

Bug16

Bug17

Bug18

Bug19

Bug20

Bug21

Bug22

Bug23

Bug24

**Bug25**

diff -r /tmp/Collections\_25b/src/main/java/org/apache/commons/collections4/IteratorUtils.java /tmp/Collections\_25f/src/main/java/org/apache/commons/collections4/IteratorUtils.java

605c605,607

< return new CollatingIterator<E>(comparator, iterator1, iterator2);

---

> @SuppressWarnings("unchecked")

> final Comparator<E> comp = comparator == null ? ComparatorUtils.NATURAL\_COMPARATOR : comparator;

> return new CollatingIterator<E>(comp, iterator1, iterator2);

626c628,630

< return new CollatingIterator<E>(comparator, iterators);

---

> @SuppressWarnings("unchecked")

> final Comparator<E> comp = comparator == null ? ComparatorUtils.NATURAL\_COMPARATOR : comparator;

> return new CollatingIterator<E>(comp, iterators);

648c652,654

< return new CollatingIterator<E>(comparator, iterators);

---

> @SuppressWarnings("unchecked")

> final Comparator<E> comp = comparator == null ? ComparatorUtils.NATURAL\_COMPARATOR : comparator;

> return new CollatingIterator<E>(comp, iterators);

Summary of configuration for Project: Collections

--------------------------------------------------------------------------------

Script dir: /defects4j/framework

Base dir: /defects4j

Major root: /defects4j/major

Repo dir: /defects4j/project\_repos

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Project ID: Collections

Program: commons-collections

Build file: /defects4j/framework/projects/Collections/Collections.build.xml

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Vcs: Vcs::Git

Repository: /defects4j/project\_repos/commons-collections.git

Commit db: /defects4j/framework/projects/Collections/active-bugs.csv

Number of bugs: 4

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Summary for Bug: Collections-25

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Revision ID (fixed version):

73d69dfe8677210e44049bc1a2a7d1ff85bc1ca7

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Revision date (fixed version):

2015-06-04 20:36:25 +0000

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Bug report id:

COLLECTIONS-566

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Bug report url:

https://issues.apache.org/jira/browse/COLLECTIONS-566

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Root cause in triggering tests:

- org.apache.commons.collections4.IteratorUtilsTest::testCollatedIterator

--> java.lang.NullPointerException: You must invoke setComparator() to set a comparator first.

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List of modified sources:

- org.apache.commons.collections4.IteratorUtils

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**Bug26**

diff -r /tmp/Collections\_26b/src/main/java/org/apache/commons/collections4/keyvalue/MultiKey.java /tmp/Collections\_26f/src/main/java/org/apache/commons/collections4/keyvalue/MultiKey.java

277c277

< private Object readResolve() {

---

> protected Object readResolve() {

Summary of configuration for Project: Collections

--------------------------------------------------------------------------------

Script dir: /defects4j/framework

Base dir: /defects4j

Major root: /defects4j/major

Repo dir: /defects4j/project\_repos

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Project ID: Collections

Program: commons-collections

Build file: /defects4j/framework/projects/Collections/Collections.build.xml

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Vcs: Vcs::Git

Repository: /defects4j/project\_repos/commons-collections.git

Commit db: /defects4j/framework/projects/Collections/active-bugs.csv

Number of bugs: 4

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Summary for Bug: Collections-26

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Revision ID (fixed version):

f8bd75d37ca12c5d49c1b628c33c0b45e2d082eb

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Revision date (fixed version):

2015-09-28 08:53:44 +0000

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Bug report id:

COLLECTIONS-576

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Bug report url:

https://issues.apache.org/jira/browse/COLLECTIONS-576

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Root cause in triggering tests:

- org.apache.commons.collections4.keyvalue.MultiKeyTest::testEqualsAfterSerializationOfDerivedClass

--> junit.framework.AssertionFailedError: expected:<3> but was:<0>

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List of modified sources:

- org.apache.commons.collections4.keyvalue.MultiKey

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**Bug27**

diff -r /tmp/Collections\_27b/src/main/java/org/apache/commons/collections4/map/MultiValueMap.java /tmp/Collections\_27f/src/main/java/org/apache/commons/collections4/map/MultiValueMap.java

567a568,574

> private void readObject(ObjectInputStream is) throws IOException, ClassNotFoundException {

> is.defaultReadObject();

> // ensure that the de-serialized class is a Collection, COLLECTIONS-580

> if (clazz != null && !Collection.class.isAssignableFrom(clazz)) {

> throw new UnsupportedOperationException();

> }

> }

Summary of configuration for Project: Collections

--------------------------------------------------------------------------------

Script dir: /defects4j/framework

Base dir: /defects4j

Major root: /defects4j/major

Repo dir: /defects4j/project\_repos

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Project ID: Collections

Program: commons-collections

Build file: /defects4j/framework/projects/Collections/Collections.build.xml

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Vcs: Vcs::Git

Repository: /defects4j/project\_repos/commons-collections.git

Commit db: /defects4j/framework/projects/Collections/active-bugs.csv

Number of bugs: 4

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Summary for Bug: Collections-27

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Revision ID (fixed version):

3eee44cf63b1ebb0da6925e98b3dcc6ef1e4d610

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Revision date (fixed version):

2015-11-14 20:24:42 +0000

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Bug report id:

COLLECTIONS-580

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Bug report url:

https://issues.apache.org/jira/browse/COLLECTIONS-580

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Root cause in triggering tests:

- org.apache.commons.collections4.map.MultiValueMapTest::testUnsafeDeSerialization

--> junit.framework.AssertionFailedError: unsafe clazz accepted when de-serializing MultiValueMap

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List of modified sources:

- org.apache.commons.collections4.map.MultiValueMap

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**Bug28**

diff -r /tmp/Collections\_28b/src/main/java/org/apache/commons/collections4/trie/AbstractPatriciaTrie.java /tmp/Collections\_28f/src/main/java/org/apache/commons/collections4/trie/AbstractPatriciaTrie.java

2261a2262,2271

> @Override

> public void clear() {

> Iterator<Map.Entry<K, V>> it = AbstractPatriciaTrie.this.entrySet().iterator();

> Set<K> currentKeys = keySet();

> while (it.hasNext()) {

> if (currentKeys.contains(it.next().getKey())) {

> it.remove();

> }

> }

> }

Summary of configuration for Project: Collections

--------------------------------------------------------------------------------

Script dir: /defects4j/framework

Base dir: /defects4j

Major root: /defects4j/major

Repo dir: /defects4j/project\_repos

--------------------------------------------------------------------------------

Project ID: Collections

Program: commons-collections

Build file: /defects4j/framework/projects/Collections/Collections.build.xml

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Vcs: Vcs::Git

Repository: /defects4j/project\_repos/commons-collections.git

Commit db: /defects4j/framework/projects/Collections/active-bugs.csv

Number of bugs: 4

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Summary for Bug: Collections-28

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Revision ID (fixed version):

a270ff62852e62b5ac0f943a7e57292a72b77271

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Revision date (fixed version):

2016-08-04 17:32:17 +0000

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Bug report id:

COLLECTIONS-586

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Bug report url:

https://issues.apache.org/jira/browse/COLLECTIONS-586

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Root cause in triggering tests:

- org.apache.commons.collections4.trie.PatriciaTrieTest::testPrefixMapClear

--> java.lang.NullPointerException

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List of modified sources:

- org.apache.commons.collections4.trie.AbstractPatriciaTrie

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