z2-Environment - Bug #1971

z2unit TestExecutor filtering out all tests when used with Parameterized runner

12.04.2017 13:12 - Henning Blohm

Status:	Resolved		**Start date:**	12.04.2017
Priority:	Normal		**Due date:**	
Assignee:	Henning Blohm		**% Done:**	100%
Category:	z2-base		**Estimated time:**	0.00 hour
Target version:	2.5			
origin:				

Description

in Testexecutor, the test description based filtering

```
// filter by description
r = r.filterWith(new Filter() {
  @Override
  public boolean shouldRun(Description d) {
    return description.equals(d) || children.containsKey(d);
  }
  @Override
  public String describe() {
    return description.toString();
  }
});
```

is removing all test methods.

Related issues:

Related to z2-Environment - Bug #1946: Z2UnitTestRunner absorbs Initializatio...	**Resolved**	**23.03.2016**
Has duplicate z2-Environment - Feature #1950: Z2Unit-TestExecutor should supp...	**Resolved**	**20.06.2016**

History

#1 - 12.04.2017 13:13 - Henning Blohm

- Description updated

#2 - 12.04.2017 15:51 - Henning Blohm

Instead of the JSON de/serialization of the description object, we could use Java de/serialization as of Junit 4.12:

```
    private static byte[] toBytes(Serializable object) {
        try {
            try (ByteArrayOutputStream ba = new ByteArrayOutputStream()) {
                try (ObjectOutputStream oo = new ObjectOutputStream(ba)) {
                    oo.writeObject(object);
                }
                return ba.toByteArray();
            }
        } catch (IOException ioe) {
            throw new RuntimeException(ioe);
        }
    }

    private static <C> C fromBytes(byte[] bytes, Class<C> clz) {
        try {
            try (ByteArrayInputStream ba = new ByteArrayInputStream(bytes)) {
                try (ObjectInputStream oi = new ObjectInputStream(ba) {
                    boolean first=true;
                    protected java.lang.Class<?> resolveClass(java.io.ObjectStreamClass desc) throws IOExcepti
on ,ClassNotFoundException {
                        if (first) {
                            first = false;
                            // safeguard: First load must be the expected class
```

```
                    if (!desc.getName().equals(clz.getName())) {
                        throw new IllegalArgumentException("Only class "+clz.getName()+" may be deseri
alized at this time");
                    }
                }
                return super.resolveClass(desc);
            };
        }) {
            return clz.cast(oi.readObject());
        }
    }
} catch (ClassNotFoundException | IOException e) {
    throw new RuntimeException(e);
}
    }

    private final static Logger logger = Logger.getLogger(JSONHelper.class.getName());
}
```

#3 - 15.04.2017 13:32 - Henning Blohm

- Related to Bug #1946: Z2UnitTestRunner absorbs InitializationError from org.junit.runners.ParentRunner added

#4 - 15.04.2017 13:32 - Henning Blohm

- Status changed from New to In Progress

#5 - 16.04.2017 17:09 - Henning Blohm

The actual root cause is that we only filter max one level deep and Parameterized has a two-level deep tree.

#6 - 16.04.2017 18:33 - Henning Blohm

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Applied in changeset z2-base:base|da4b21d3a5e903346561adaeff3b0979c6620964.

#7 - 02.09.2017 23:20 - Henning Blohm

- Has duplicate Feature #1950: Z2Unit-TestExecutor should support Junit suites and Parameterized tests added