

## Bugs - Bug #4

### IdentityPool usage out of session context

05/31/2010 12:00 PM - Stanislav Lomany

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>case_num:</b>	
<b>billable:</b>	No		
<b>vendor_id:</b>	GCD		
<b>Description</b>			

### History

#### #1 - 05/31/2010 01:14 PM - Stanislav Lomany

@44897 - issue:

1. Register this server hook:

```
public class ServerHook
implements InitTermListener
{
    public void initialize()
    {
        Persistence persistence = PersistenceFactory.getInstance("p2j_test");
        try
        {
            persistence.nextPrimaryKey("book");
        }
        catch (PersistenceException e)
        {
            e.printStackTrace();
        }
    }

    public void terminate(Throwable t)
    {
    }
}
```

2. Start server

3. You will get the following exception:

(com.goldencode.p2j.persist.id.SequenceIdentityManager:SEVERE) Identity pool has been stopped because of an error.

```
java.lang.NullPointerException
    at com.goldencode.p2j.ui.LogicalTerminal.<init>(LogicalTerminal.java:644)
    at com.goldencode.p2j.ui.LogicalTerminal.<init>(LogicalTerminal.java:495)
    at com.goldencode.p2j.ui.LogicalTerminal$1.initialValue(LogicalTerminal.java:535)
    at com.goldencode.p2j.ui.LogicalTerminal$1.initialValue(LogicalTerminal.java:532)
    at com.goldencode.p2j.security.ContextLocal.get(ContextLocal.java:158)
    at com.goldencode.p2j.ui.LogicalTerminal.locate(LogicalTerminal.java:5459)
    at com.goldencode.p2j.ui.LogicalTerminal.access$100(LogicalTerminal.java:495)
    at com.goldencode.p2j.ui.LogicalTerminal$2.createScopeable(LogicalTerminal.java:6081)
    at com.goldencode.p2j.util.TransactionManager$ContextContainer.obtain(TransactionManager.java:5398)
    at com.goldencode.p2j.util.TransactionManager.isTransaction(TransactionManager.java:3230)
    at com.goldencode.p2j.persist.id.IdentityPool.nextPrimaryKey(IdentityPool.java:291)
    at com.goldencode.p2j.persist.id.SequenceIdentityManager.nextPrimaryKey(SequenceIdentityManager.java:1
42)
    at com.goldencode.p2j.persist.Persistence.nextPrimaryKey(Persistence.java:2588)
    at com.goldencode.testcases.ServerHook.initialize(ServerHook.java:24)
    at com.goldencode.p2j.main.StandardServer.hookInitialize(StandardServer.java:1174)
    at com.goldencode.p2j.main.StandardServer.bootstrap(StandardServer.java:513)
    at com.goldencode.p2j.main.ServerDriver.start(ServerDriver.java:319)
```

```
at com.goldencode.p2j.main.CommonDriver.process (CommonDriver.java:450)
at com.goldencode.p2j.main.ServerDriver.process (ServerDriver.java:126)
at com.goldencode.p2j.main.ServerDriver.main (ServerDriver.java:576)
at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:39)
at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke (Method.java:597)
at com.intellij.rt.execution.application.AppMain.main (AppMain.java:90)
```

This happens because identity pool cannot return keys out of a session context.

## #2 - 09/18/2011 07:35 PM - Redmine Admin

@45193 - Status changed from WIP to Hold

## #3 - 04/12/2012 11:22 AM - Stanislav Lomany

Imported from JPRM on 2012-04-12 11:22:56.691:

```
TASKID = 5988
PROJECTID = 124
STATUS = 3 (Hold)
DESCRIPTION = IdentityPool usage out of session context
OWNER = SVL
ASSIGNEE =
BILLABLE = false
PRIORITY = 5 (Normal)
PHASE = 52 (Problem Resolution)
COMPONENT = 0
ESTEFFORT = 0.000000
ESTSTART = 2010-05-31
ESTSTOP =
ACTSTOP =
CASENUM =
VENDORID =
COMMENT = ''
LASTWIP = 2011-09-18
```