

```
L31  
FRAME FULL [] [java/lang/Throwable]  
NOP  
NOP  
NOP  
NOP  
NOP
```

```
L2  
FRAME FULL [org/prevayler/implementation/replication/ClientPublisher java/lang/Object] [java/lang/Throwable]  
ASTORE 3  
ALOAD 2  
MONITOREXIT  
L3  
ALOAD 3  
ATHROW
```

```
TRYCATCHBLOCK L0 L1 L2 null  
TRYCATCHBLOCK L2 L3 L2 null  
L4  
LINENUMBER 113 L4  
LDC "9228f1ab-d45e-45e3-905d-d017ac437096"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V  
ALOAD 0  
GETFIELD org/prevayler/implementation/replication/ClientPublisher._server : Lorg/prevayler/foundation/network/ObjectSocket;  
INVOKEINTERFACE org/prevayler/foundation/network/ObjectSocket.readObject ()Ljava/lang/Object;  
ASTORE 1  
L5  
LINENUMBER 115 L5  
ALOAD 1  
LDC "SubscriberUpToDate"  
INVOKEVIRTUAL java/lang/Object.equals (Ljava/lang/Object;)Z  
IFEQ L6
```

```
L6  
LINENUMBER 122 L6  
FRAME CHOP 1  
ALOAD 1  
INSTANCEOF java/util/Date  
IFEQ L10  
L7  
LINENUMBER 116 L7  
ALOAD 0  
GETFIELD org/prevayler/implementation/replication/ClientPublisher._upToDateMonitor : Ljava/lang/Object;  
DUP  
ASTORE 2  
MONITORENTER  
L0  
LINENUMBER 117 L0  
ALOAD 0  
GETFIELD org/prevayler/implementation/replication/ClientPublisher._upToDateMonitor : Ljava/lang/Object;  
INVOKEVIRTUAL java/lang/Object.notify ()V  
L8  
LINENUMBER 118 L8  
ALOAD 2  
MONITOREXIT  
L1  
GOTO L9
```

```
L9  
LINENUMBER 119 L9  
FRAME SAME  
LDC "9228f1ab-d45e-45e3-905d-d017ac437096"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
RETURN
```

```
L10  
LINENUMBER 128 L10  
FRAME SAME  
ALOAD 1  
INSTANCEOF java/lang/RuntimeException  
IFEQ L14
```

```
L14  
LINENUMBER 133 L14  
FRAME SAME  
ALOAD 1  
INSTANCEOF java/lang/Error  
IFEQ L18
```

```
L15  
LINENUMBER 129 L15  
ALOAD 0  
ALOAD 1  
CHECKCAST java/lang/RuntimeException  
PUTFIELD org/prevayler/implementation/replication/ClientPublisher._myTransactionRuntimeException : Ljava/lang/RuntimeException;  
L16  
LINENUMBER 130 L16  
ALOAD 0  
INVOKESPECIAL org/prevayler/implementation/replication/ClientPublisher.notifyMyTransactionMonitor ()V  
L17  
LINENUMBER 131 L17  
LDC "9228f1ab-d45e-45e3-905d-d017ac437096"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
RETURN
```

```
L18  
LINENUMBER 139 L18  
FRAME SAME  
ALOAD 1  
CHECKCAST org/prevayler/implementation/TransactionTimestamp  
ASTORE 2  
L22  
LINENUMBER 140 L22  
ALOAD 2  
INVOKEVIRTUAL org/prevayler/implementation/TransactionTimestamp.executionTime ()Ljava/util/Date;  
ASTORE 3  
L23  
LINENUMBER 141 L23  
ALOAD 2  
INVOKEVIRTUAL org/prevayler/implementation/TransactionTimestamp.systemVersion ()J  
LSTORE 4  
L24  
LINENUMBER 143 L24  
ALOAD 0  
GETFIELD org/prevayler/implementation/replication/ClientPublisher._clock : Lorg/prevayler/implementation/clock/BrokenClock;  
ALOAD 3  
INVOKEVIRTUAL org/prevayler/implementation/clock/BrokenClock.advanceTo (Ljava/util/Date;)V  
L25  
LINENUMBER 145 L25  
ALOAD 2  
INVOKEVIRTUAL org/prevayler/implementation/TransactionTimestamp.capsule ()Lorg/prevayler/implementation/Capsule;  
IFNONNULL L26
```

```
L27  
LINENUMBER 146 L27  
LDC "34f78fa5-83d8-4e5a-89ca-502cdeedea"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V  
ALOAD 0  
GETFIELD org/prevayler/implementation/replication/ClientPublisher._subscriber : Lorg/prevayler/implementation/publishing/TransactionSubscriber;  
NEW org/prevayler/implementation/TransactionTimestamp  
DUP  
ALOAD 0  
GETFIELD org/prevayler/implementation/replication/ClientPublisher._myCapsule : Lorg/prevayler/implementation/Capsule;  
LLOAD 4  
ALOAD 3  
INVOKESPECIAL org/prevayler/implementation/TransactionTimestamp.<init> (Lorg/prevayler/implementation/Capsule;J)V  
INVOKEINTERFACE org/prevayler/implementation/publishing/TransactionSubscriber.receive (Lorg/prevayler/implementation/TransactionTimestamp;)V  
L28  
LINENUMBER 147 L28  
ALOAD 0  
INVOKESPECIAL org/prevayler/implementation/replication/ClientPublisher.notifyMyTransactionMonitor ()V  
L29  
LINENUMBER 148 L29  
LDC "34f78fa5-83d8-4e5a-89ca-502cdeedea"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
LDC "9228f1ab-d45e-45e3-905d-d017ac437096"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
RETURN
```

```
L19  
LINENUMBER 134 L19  
ALOAD 0  
ALOAD 1  
CHECKCAST java/lang/Error  
PUTFIELD org/prevayler/implementation/replication/ClientPublisher._myTransactionError : Ljava/lang/Error;  
L20  
LINENUMBER 135 L20  
ALOAD 0  
INVOKESPECIAL org/prevayler/implementation/replication/ClientPublisher.notifyMyTransactionMonitor ()V  
L21  
LINENUMBER 136 L21  
LDC "9228f1ab-d45e-45e3-905d-d017ac437096"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
RETURN
```

```
exit
```