

Modifications to enable Calendar parameter in Checkin()

Changes in **org.apache.jackrabbit.core.version.AbstractVersionManager**:

```
-    protected InternalVersion checkin(InternalVersionHistoryImpl history, NodeImpl node)
+    protected InternalVersion checkin(InternalVersionHistoryImpl history, NodeImpl node, Calendar cal)

protected InternalVersion checkin(InternalVersionHistoryImpl history, NodeImpl node, Calendar cal)
-    InternalVersionImpl v = history.checkin(NameFactoryImpl.getInstance().create("", versionName), node);
+    InternalVersionImpl v = history.checkin(NameFactoryImpl.getInstance().create("", versionName), node, cal);
```

Changes in **org.apache.jackrabbit.core.version.XAVersionManager**:

```
-    public Version checkin(NodeImpl node)
+    public Version checkin(NodeImpl node, Calendar cal)

public Version checkin(NodeImpl node, Calendar cal)
-    InternalVersion version = checkin((InternalVersionHistoryImpl)
        getVersionHistory(NodeId.valueOf(histUUID)), node);
+    InternalVersion version = checkin((InternalVersionHistoryImpl)
        getVersionHistory(NodeId.valueOf(histUUID)), node, cal);

-    return vMgr.checkin(node);
+    return vMgr.checkin(node, cal);

-    protected InternalVersion checkin(InternalVersionHistoryImpl history,
        NodeImpl node)
+    protected InternalVersion checkin(InternalVersionHistoryImpl history,
        NodeImpl node, Calendar cal)

protected InternalVersion checkin(InternalVersionHistoryImpl history,
        NodeImpl node, Calendar cal)
-    InternalVersion version = super.checkin(history, node);
+    InternalVersion version = super.checkin(history, node, cal);
```

Changes in **org.apache.jackrabbit.core.version.VersionManagerImpl**:

```
-    public Version checkin(final NodeImpl node)
+    public Version checkin(final NodeImpl node, final Calendar cal)
```

```

public Version checkin(final NodeImpl node, final Calendar cal)
-       return checkin((InternalVersionHistoryImpl)
                       getVersionHistory(NodeId.valueOf(histUUID)), node);
+       return checkin((InternalVersionHistoryImpl)
                       getVersionHistory(NodeId.valueOf(histUUID)), node, cal);

```

Changes in **org.apache.jackrabbit.core.version.InternalVersionHistoryImpl**:

```

-       InternalVersionImpl checkin(Name name, NodeImpl src)
+       InternalVersionImpl checkin(Name name, NodeImpl src, Calendar cal)

InternalVersionImpl checkin(Name name, NodeImpl src, Calendar cal)
-       vNode.setPropertyValue(NameConstants.JCR_CREATED, InternalValue.create(Calendar.getInstance()));
+       vNode.setPropertyValue(NameConstants.JCR_CREATED, InternalValue.create(cal));

```

Changes in **org.apache.jackrabbit.core.version.VersionManager**:

```

-       Version checkin(NodeImpl node)
+       Version checkin(NodeImpl node, Calendar cal)

```

Changes in **org.apache.jackrabbit.core.NodeImpl**:

```

-       public Version checkin()
+       public Version checkin(Calendar cal)
+       Crear metodo checkin() que falta con:
           throw new UnsupportedOperationException("Mal, mal, mal");

public Version checkin(Calendar cal):
-       Version v = session.getVersionManager().checkin(this);
+       Version v = session.getVersionManager().checkin(this, cal);

protected NodeImpl internalAddChildNode(Name nodeName,
                                         NodeTypeImpl nodeType, NodeId id)
-       throw new ConstraintViolationException(msg);
+       //throw new ConstraintViolationException(msg);

```

Modifications to enable UUID parameter in AddNode()

Changes in **org.apache.jackrabbit.core.NodeImpl**:

Duplicate metodo public synchronized Node addNode(String relPath, String nodeTypeName) adding parameter String uuid.

```
public synchronized Node addNode(String relPath, String nodeTypeName, String uuid):  
-    return internalAddNode(relPath, nt);  
+    return internalAddNode(relPath, nt, new NodeId(new UUID(uuid)));
```

This way, you have two addNode methods (with UUID and without UUID), only needed for DOCUMENT and FOLDER node type