

Actions executed Thursday, May 30, 2013

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Acting as okmAdmin

Delete existing rule "Rule2 to protect Official Documents (Move)"

Create new Automation Rule

Automation rules > Automation definition: Rule2 to protect Official Documents (Move)

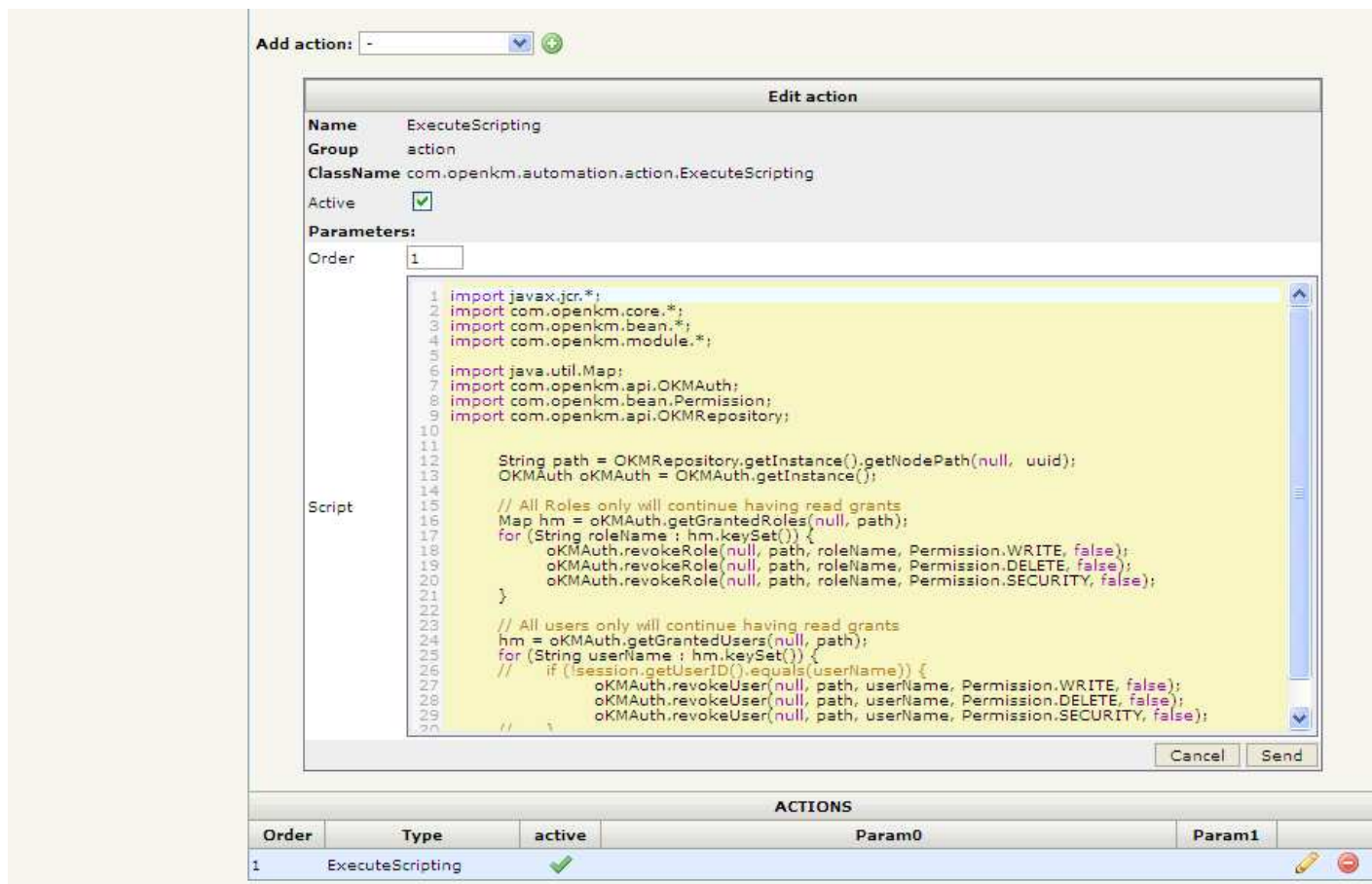
Add validation: - 

Edit validation

Name PathContains
Group validation
ClassName com.openkm.automation.validation.PathContains
Active ☒
Parameters:
Order 1
String /okm:root/NMS_Official_Docs/NMS_Official 

Cancel Send

VALIDATIONS				
Order	Type	active	Param0	Param1
1	PathContains		String:/okm:root/NMS_Official_Docs/NMS_Official	 



Script

```

import javax.jcr.*;
import com.openkm.core.*;
import com.openkm.bean.*;
import com.openkm.module.*;

```

```

import java.util.Map;
import com.openkm.api.OKMAuth;
import com.openkm.bean.Permission;
import com.openkm.api.OKMRepository;

```

```

String path = OKMRepository.getInstance().getNodePath(null, uuid);
OKMAuth okMAuth = OKMAuth.getInstance();

```

```

// All Roles only will continue having read grants
Map hm = okMAuth.getGrantedRoles(null, path);
for (String roleName : hm.keySet()) {
    okMAuth.revokeRole(null, path, roleName, Permission.WRITE, false);
    okMAuth.revokeRole(null, path, roleName, Permission.DELETE, false);
    okMAuth.revokeRole(null, path, roleName, Permission.SECURITY, false);
}

```

```

// All users only will continue having read grants
hm = okMAuth.getGrantedUsers(null, path);
for (String userName : hm.keySet()) {
    // if (!session.getUserID().equals(userName)) {
        okMAuth.revokeUser(null, path, userName, Permission.WRITE,
false);
    }
}

```

```

false);
okMAuth.revokeUser(null, path, userName, Permission.DELETE,
false);
okMAuth.revokeUser(null, path, userName, Permission.SECURITY,
false);
//      }
}

```

Automation Rules list:

Automation rules										
#	Order	Name	Event	At	Validations	Actions	Exclusive	Active		
1	0	Rule1 to protect Official Documents (Add)	doc_create	post	1	1	✗	✓		
2	1	Rule2 to protect Official Documents (Move)	doc_move	post	1	1	✗	✓		

Test of Move document:

Path : /okm:root/NMS_Official_Docs/NMS_Official/							
	Name	Size	Update date	Author	Version		
	FDA		23-05-2013 08:35:52	Test Org.Admin. 1			
	DOC-Add-test1.doc	22.0 KB	23-05-2013 09:57:03	Administrator 1	1.0		
	DOC-Add-test2.doc	22.0 KB	23-05-2013 13:10:30	Administrator 1	1.0		
	DOC-Add-test3.doc	22.0 KB	28-05-2013 08:19:56	Administrator 1	1.0		
	DOC-Move-test2.doc	22.0 KB	23-05-2013 10:04:52	Administrator 1	1.0		
	DOC-Move-test3.doc	22.0 KB	28-05-2013 08:15:17	Administrator 1	1.0		
	DOC-Move-test4.doc	22.0 KB	30-05-2013 11:34:43	Administrator	1.0		
	DOC-Add-test4.doc	22.0 KB	23-05-2013 11:41:07	Test Org.Admin. 1	1.0		

Properties	Notes	Security	History	Preview	NMS_DOC						
Role	Read	Write	Delete	Security	Update	User	Read	Write	Delete	Security	
NMS_ARCHIVIST	✓	✓	✓	✓		Administrator	✓	✓	✓	✓	
NMS_EDITOR	✓	✓	✗	✗		Administrator 1	✓	✓	✓	✓	
NMS_OADMIN	✓	✓	✓	✗							
NMS_READER	✓	✗	✗	✗							

! No changes to document's security executed.

catalina.log contents

```

2013-05-30 11:36:03,007 [http-bio-0.0.0.0-8080-exec-30] ERROR
com.openkm.automation.validation.PathContains -
java.lang.NullPointerException
    at com.openkm.automation.validation.PathContains.isValid(PathContains.java:51)
    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.openkm.util.cl.ClassLoaderUtils.invokeAutomationMethod(ClassLoaderUtils.java:159)
    at com.openkm.automation.AutomationManager.getValidActions(AutomationManager.java:104)
    at com.openkm.automation.AutomationManager.fireEvent(AutomationManager.java:58)

```

```
        at com.openkm.module.db.DbDocumentModule.move(DbDocumentModule.java:1045)
        at com.openkm.api.OKMDocument.move(OKMDocument.java:292)
        at com.openkm.servlet.frontend.DocumentServlet.move(DocumentServlet.java:370)
        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.google.gwt.user.server.rpc.RPC.invokeAndEncodeResponse(RPC.java:569)
        at
com.google.gwt.user.server.rpc.RemoteServiceServlet.processCall(RemoteServiceServlet.java:208)
        at
com.google.gwt.user.server.rpc.RemoteServiceServlet.processPost(RemoteServiceServlet.java:248)
        at
com.google.gwt.user.server.rpc.AbstractRemoteServiceServlet.doPost(AbstractRemoteServiceServlet.java:
62)
            at javax.servlet.http.HttpServlet.service(HttpServlet.java:641)
            at javax.servlet.http.HttpServlet.service(HttpServlet.java:722)
            at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:305)
            at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
            at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
11)
                at
org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke(FilterSecurityInte
rceptor.java:116)
                at
org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter(FilterSecurityIn
terceptor.java:83)
                at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                    at
org.springframework.security.web.access.ExceptionTranslationFilter.doFilter(ExceptionTranslationFilt
er.java:113)
                    at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                        at
org.springframework.security.web.session.SessionManagementFilter.doFilter(SessionManagementFilter.jav
a:101)
                        at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                            at
org.springframework.security.web.authentication.AnonymousAuthenticationFilter.doFilter(AnonymousAuthe
nticationFilter.java:113)
                            at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                                at
org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(Security
ContextHolderAwareRequestFilter.java:54)
                                at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                                    at
org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(RequestCacheAwareFilt
er.java:45)
                                    at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                                        at
org.springframework.security.web.authentication.AbstractAuthenticationProcessingFilter.doFilter(Abstr
actAuthenticationProcessingFilter.java:182)
                                        at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                                            at
org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter(SecurityContextPer
sistenceFilter.java:87)
                                            at
org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:3
23)
                                                at org.springframework.security.web.FilterChainProxy.doFilter(FilterChainProxy.java:173)
```

```
        at
org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate(DelegatingFilterProxy.java:346)
        at
org.springframework.web.filter.DelegatingFilterProxy.doFilter(DelegatingFilterProxy.java:259)
        at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:243)
        at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
        at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:225)
        at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:169)
        at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:472)
        at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:168)
        at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:98)
        at org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:927)
        at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:118)
        at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:407)
        at
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:999)
        at
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:565)
        at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:309)
        at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(ThreadPoolExecutor.java:895)
        at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:918)
        at java.lang.Thread.run(Thread.java:662)
```

Comment, this is the result of querying okm_auto_metadata

SELECT * FROM okm_auto_metadata Time: 00:00:00.000										
amd_id	amd_at	amd_class_name	amd_desc00	amd_desc01	amd_group	amd_name	amd_src00	amd_src01	amd_type00	amd_type01
1	post	com.openkm.automation.validation.PathContains	String		validation	PathContains	okm:folder		text	
2	post	com.openkm.automation.action.ExecuteScripting	Script		action	ExecuteScripting			textarea	