

## EDIT - bug #9183

### New Registration View: prevent user from continuing to Registration for which permissions are not sufficient

08/11/2020 02:51 PM - Andreas Kohlbecker

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	New	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Kohlbecker	<b>% Done:</b>	0%
<b>Category:</b>	cdm-vaadin	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Unassigned CDM tickets	<b>Found in Version:</b>	
<b>Severity:</b>	normal		
<b>Description</b>			
<p>Users can select references in the new registration view even if permissions to edit them are not sufficient. Clicking on the "Continue" button routes to the RegistrationWorkingsetView and an error is raised without notifying on the lack of permissions properly:</p>			
<p>... 88 more</p>			
<pre>Caused by: eu.etaxonomy.cdm.database.PermissionDeniedException: Access to the workingset is denied for the current user. at eu.etaxonomy.cdm.api.service.registration.RegistrationWorkingSetService.checkPermissions(Regist rationWorkingSetService.java:298) at eu.etaxonomy.cdm.api.service.registration.RegistrationWorkingSetService.loadWorkingSetByReferen ceUuid(RegistrationWorkingSetService.java:275) at sun.reflect.GeneratedMethodAccessor1710.invoke(Unknown Source) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:302) at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodIn vocation.java:190) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation .java:157) at org.springframework.transaction.interceptor.TransactionInterceptor\$1.proceedWithInvocation(Tran sactionInterceptor.java:99) at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(Tr ansactionAspectSupport.java:281) at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionIntercepto r.java:96) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation .java:179) at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:208) at com.sun.proxy.\$Proxy233.loadWorkingSetByReferenceUuid(Unknown Source) at eu.etaxonomy.cdm.vaadin.view.registration.RegistrationWorkingsetPresenter.loadWorkingSet(Regist rationWorkingsetPresenter.java:271) at eu.etaxonomy.cdm.vaadin.view.registration.RegistrationWorkingsetPresenter.handleViewEntered(Reg istrationWorkingsetPresenter.java:247) at eu.etaxonomy.cdm.vaadin.view.registration.RegistrationWorksetViewBean.enter(RegistrationWorkset ViewBean.java:169)</pre>			
<b>Solutions:</b>			
<p>A. Filter out all references for which the user is not having enough permissions - preferred</p>			
<p>B. Block the "Continue" button from being clicked - with caveats, see below</p>			
<p>Option B. still allows to lookup references in the system even if the user has not the permissions to modify them. This could expose names mentioned in the reference title which should be undisclosed.</p>			
<p>StartRegistrationPresenter.handleViewEntered() already implements a permission filter, but it seems not to be reliable in all cases:</p>			
<pre>// restrict by allowed reference uuids Set&lt;UUID&gt; allowedUuids = referencePermissions.stream().filter(p -&gt; p.getTargetUUID () != null).map(CdmAuthority::getTargetUUID).collect(Collectors.toSet());</pre>			

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## History

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**#1 - 08/11/2020 03:16 PM - Andreas Kohlbecker**

- Description updated

**#2 - 08/11/2020 03:17 PM - Andreas Kohlbecker**

- Description updated

**#3 - 08/11/2020 03:23 PM - Andreas Kohlbecker**

Filtering by restrictions seems to be the root of the problem:

```
Criterion uuidRestriction = Restrictions.in("uuid", allowedUuids);
criterion = Restrictions.and(criterion, Restrictions.or(pulishedOnly, uuidRestriction));
```

References are added to the list even if not in the allowedUuids!