

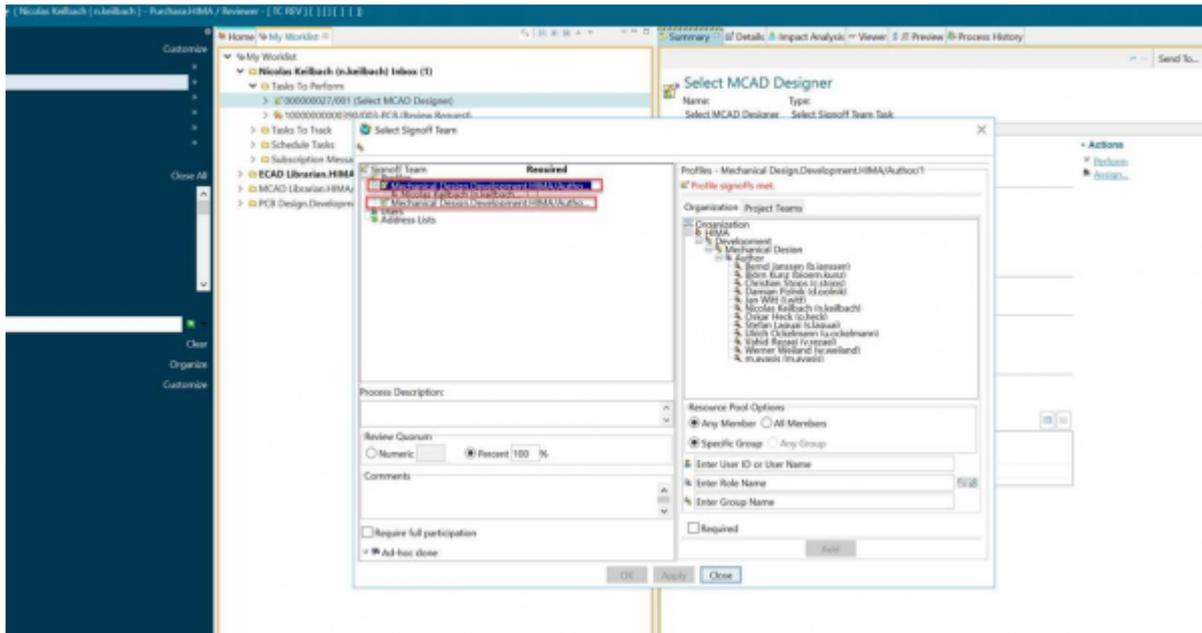
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Überprüfung von exportierten Workflows auf doppelte Einträge

1. Ursache

Die Workflow Export Funktion von Teamcenter 12.2 ist fehlerhaft. Beim Export werden sporadisch "signoff_profile" Zeilen dupliziert, was zur Folge hat, dass die Genehmiger doppelt im Workflow erscheinen und dieser stecken bleibt (siehe Screenshot).



Um dies zukünftig zu vermeiden muss diese Arbeitsanweisung für Workflowbearbeiter und Deployer eingehalten werden.

2. Arbeitsanweisung für Workflowbearbeiter

2.1 Doppelte Einträge suchen und bereinigen

In der Workflow XML (hier am Beispiel der "Request_Second_Source.xml") nach dem String "signoff_profile" suchen. Wenn der/die Einträge mehrfach mit derselben DataSetRef ID vorkommen, die mehrfachen löschen. Erst nach Prüfung und Bereinigung darf der Workflow ins Repository committed werden.

```

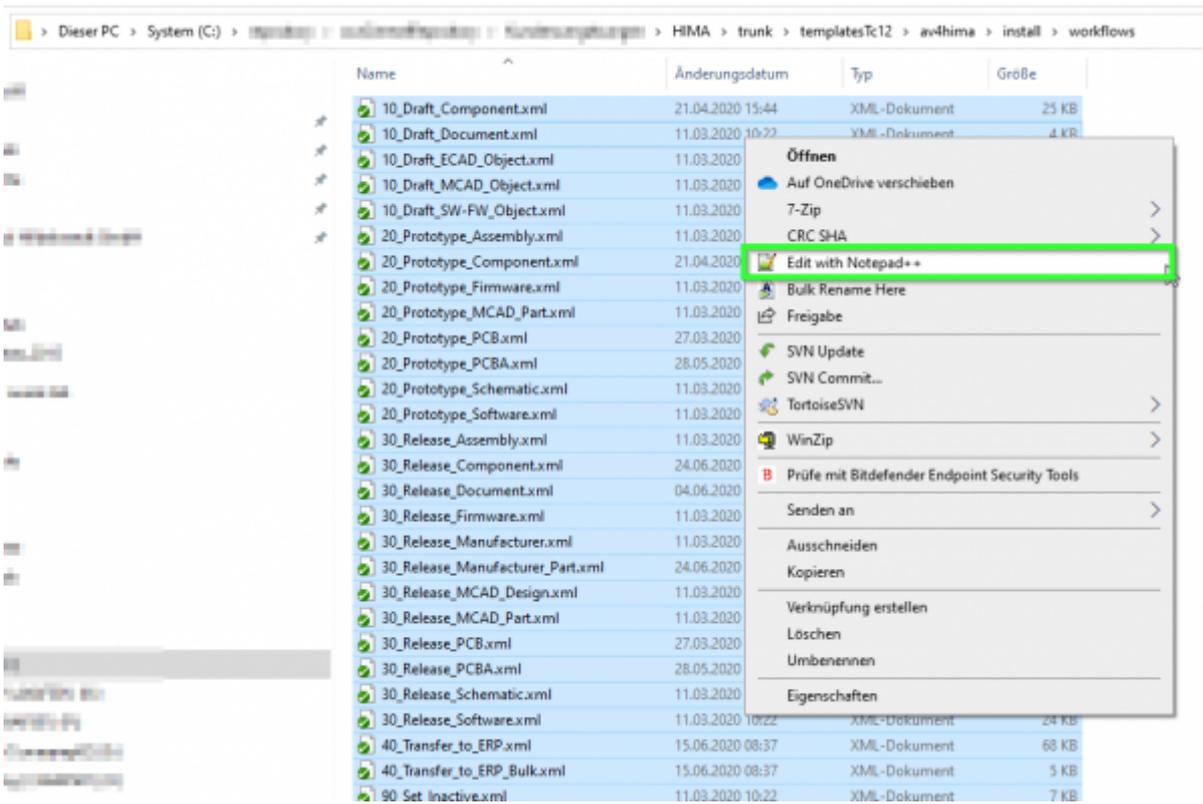
582 <Item value="Review the temporary component under targets and decide if it is a second source to the component under referenc
583 <WorkflowTemplate id="id234" name="Select Reviewer" originalId="hNCAAA1eIgrYJB" signoffQuorum="0" parentTaskTemplateRef="#id
584 <ApplicationRef application="Teacenter" label="RxAQANC00V6B" version="RxAQANC00V6B"></ApplicationRef>
585 <AssociatedDataSet id="id237" dataSetRef="#id236" role="EPM_signoff_profile"></AssociatedDataSet>
586 <AssociatedDataSet id="id246" dataSetRef="#id236" role="EPM_signoff_profile"></AssociatedDataSet>
587 <TaskDescription id="id235">
588 <Item value="Select reviewer from the ECAD Librarian Reviewer group."></Item></TaskDescription></WorkflowTemplate>
589 <WorkflowSignoffProfile id="id236" allowSubgroups="false" signoffQuorum="1" numberOfSignoffs="1" roleRef="#id52" groupRef="#
590 <ApplicationRef application="Teacenter" label="R1EAQANC00V6B" version="R1EAQANC00V6B"></ApplicationRef></WorkflowSignoffPr
591 <WorkflowAction id="id238" actionHandlerRef="#id239 #id240" parentRef="" actionType="2">
592 <ApplicationRef application="Teacenter" label="RxAQANC00V6B" version="RxAQANC00V6B"></ApplicationRef></WorkflowAction>
593 <WorkflowHandler id="id239" name="EPM-inherit">
594 <ApplicationRef application="Teacenter" label="RxAQANC00V6B" version="RxAQANC00V6B"></ApplicationRef></WorkflowHandler>
595 <WorkflowHandler id="id240" name="EPM-adhoc-signoffs">
596 <ApplicationRef application="Teacenter" label="R1AQANC00V6B" version="R1AQANC00V6B"></ApplicationRef>
597 <Arguments id="id241" type="string">
598 <UserValue title="handler_argument" value="-auto_complete"></UserValue></Arguments></WorkflowHandler>
599 <WorkflowAction id="id243" actionHandlerRef="#id244" parentRef="" actionType="2">
600 <ApplicationRef application="Teacenter" label="R5AQANC00V6B" version="R5AQANC00V6B"></ApplicationRef></WorkflowAction>
601 <WorkflowHandler id="id244" name="EPM-inherit">
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603 <Arguments id="id245" type="string">
604 <UserValue title="handler_argument" value="-task=$PREVIOUS"></UserValue>
605 <UserValue title="handler_argument" value="-attachment=signoffs"></UserValue></Arguments></WorkflowHandler>
606 <WorkflowAction id="id248" actionHandlerRef="#id248" parentRef="" actionType="2">

```

3. Prüfung vor Deploy

3.1 Prüfung und Bereinigung im Repository "workflows"

Unter "templates → av4hima → install → workflows" alle Workflow XML's mit Notepad++ öffnen



Nach dem String "signoff_profile" suchen "In offenen Dateien suchen". Alle mehrfachen Einträge überprüfen und ggf. bereinigen.

```

191 <WorkflowTemplate id="1d76" name="MCAD Developer: Claim Task and Review" subTemplateRef="#1d77 #1d79" originalId="h3CAQABA2ooV6B" signoffQuorum="0" pr
192 <ApplicationRef application="Teamcenter" label="R_GAQCNC2ooV6B" version="R_GAQCNC2ooV6B"/></ApplicationRef>
193 <UserData id="1d84" type="reference">
194 <UserValue title="completeDependencyTaskRef" value="4" dataRef="#1d77"/></UserValue>
195 <UserValue title="failDependencyTaskRef" value="10" dataRef="#1d86"/></UserValue></WorkflowTemplate>
196 <WorkflowTemplate id="1d79" name="Claim Request" originalId="x2BAQABA2ooV6B" signoffQuorum="100" parentTaskTemplateRef="#1d76" objectType="EIMPerforma
197 <ApplicationRef application="Teamcenter" label="x2IAQCNC2ooV6B" version="x2IAQCNC2ooV6B"/></ApplicationRef>
198 <UserData id="1d89" type="reference">
199 <UserValue title="startDependencyTaskRef" value="2" dataRef="#1d79"/></UserValue></UserData>
200 <TaskDescription id="1d78">
201 <Item value="Review MFR request@xA:"></Item></TaskDescription></WorkflowTemplate>
202 <WorkflowTemplate id="1d79" name="Select MCAD Designer" originalId="x2BAQABA2ooV6B" signoffQuorum="0" parentTaskTemplateRef="#1d76" objectType="EIMSele
203 <ApplicationRef application="Teamcenter" label="x2IAQCNC2ooV6B" version="x2IAQCNC2ooV6B"/></ApplicationRef>
204 <AssociatedDataSet id="1d81" dataSetRef="#1d81" role="EIM_signoff_profile"/></AssociatedDataSet>
205 <AssociatedDataSet id="1d90" dataSetRef="#1d81" role="EIM_signoff_profile"/></AssociatedDataSet>
206 <TaskDescription id="1d80">
207 <Item value="Select MCAD Designer to enrich Request"></Item></TaskDescription></WorkflowTemplate>
208 <WorkflowSignoffProfile id="1d81" allowSubgroups="false" signoffQuorum="1" numberOfSignoffs="1" roleRef="#1d30" groupRef="#1d82">
209 <ApplicationRef application="Teamcenter" label="x2IAQCNC2ooV6B" version="x2IAQCNC2ooV6B"/></ApplicationRef></WorkflowSignoffProfile>
210 <Organisation id="1d82" name="Mechanical Design, Development, EIMA">
211 <ApplicationRef application="Teamcenter" label="QT1AAAD2ooV6B" version="QT1AAAD2ooV6B"/></ApplicationRef>
212 <UserData id="1d83">
213 <UserValue title="list_of_role" type="reference" value="" dataRef="#1d29"/></UserValue>
214 <UserValue title="list_of_role" type="reference" value="" dataRef="#1d30"/></UserValue>
215 <UserValue title="list_of_role" type="reference" value="" dataRef="#1d31"/></UserValue>
216 <UserValue title="privilege" type="int" value="0"/></UserValue></UserData></Organisation>

```

Find results - 48 hits

Search "signoff_profile" (48 hits in 33 files)

- C:\repository\avacentralrepository\Kundenumgebungen\HIMA\trunk\templates\T012\av4hima\install\workflows\Update_MFN_Request_PCB_Second_Source.xml (2 hits)
 - Line 74: <AssociatedDataSet id="1d36" dataSetRef="#1d26" role="EIM_signoff_profile"/></AssociatedDataSet>
 - Line 204: <AssociatedDataSet id="1d84" dataSetRef="#1d81" role="EIM_signoff_profile"/></AssociatedDataSet>
- C:\repository\avacentralrepository\Kundenumgebungen\HIMA\trunk\templates\T012\av4hima\install\workflows\20_prototype_Assembly.xml (1 hit)
 - Line 192: <AssociatedDataSet id="1d99" dataSetRef="#1d81" role="EIM_signoff_profile"/></AssociatedDataSet>
- C:\repository\avacentralrepository\Kundenumgebungen\HIMA\trunk\templates\T012\av4hima\install\workflows\20_prototype_Firmware.xml (1 hit)
 - Line 35: <AssociatedDataSet id="1d21" dataSetRef="#1d11" role="EIM_signoff_profile"/></AssociatedDataSet>
- C:\repository\avacentralrepository\Kundenumgebungen\HIMA\trunk\templates\T012\av4hima\install\workflows\20_prototype_MCAD_Part.xml (1 hit)
 - Line 232: <AssociatedDataSet id="1d109" dataSetRef="#1d99" role="EIM_signoff_profile"/></AssociatedDataSet>
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 - Line 104: <AssociatedDataSet id="1d52" dataSetRef="#1d42" role="EIM_signoff_profile"/></AssociatedDataSet>
- C:\repository\avacentralrepository\Kundenumgebungen\HIMA\trunk\templates\T012\av4hima\install\workflows\20_prototype_PCBA.xml (2 hits)
 - Line 350: <AssociatedDataSet id="1d153" dataSetRef="#1d143" role="EIM_signoff_profile"/></AssociatedDataSet>
 - Line 561: <AssociatedDataSet id="1d237" dataSetRef="#1d236" role="EIM_signoff_profile"/></AssociatedDataSet>
- C:\repository\avacentralrepository\Kundenumgebungen\HIMA\trunk\templates\T012\av4hima\install\workflows\20_prototype_Schematic.xml (1 hit)
 - Line 190: <AssociatedDataSet id="1d62" dataSetRef="#1d52" role="EIM_signoff_profile"/></AssociatedDataSet>

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