Hi Joe,

Below are the steps to achieve this:

1. Open ***<WT_HOME>\codebase\config\actions\UwgmCadx-actionmodels.xml*** file using any notepad Editor

2. Add below highlighted line in between ***<model name="epmdocuments details page actions" menufor="wt.epm.EPMDocument"> </model>*** tag as shown below:

```
<model name="epmdocuments details page actions" menufor="wt.epm.EPMDocument">
      <action name="prepareTranslationPackage" type="translation"/>     <!-- Prepare Translation Package --
>
      .
      .
      .
      <action name="downloadPrimaryContent" type="customEPMDownload"/>  <!-- Customized Download Action
added for C12160044 -->
      .
      .
      .
</model>
```

   SUGGESTION: ADD THIS NEW MENU ENTRY NEAR THE TOP OF THE CAD DOCUMENT DETAIL PAGE ACTIONS

3. Open ***<WT_HOME>\codebase\config\actions\custom-actions.xml*** file using notepad editor

4. Add below entries to this files:

```
<listofactions>
      <objecttype name="customEPMDownload" resourceBundle="ext.cadx.EPMDocumentDownloadActionsRB">
            <action name="downloadPrimaryContent" checkaccess="true" ajax="page">
                  <command windowType="popup" />
            </action>
      </objecttype>
</listofactions>
```

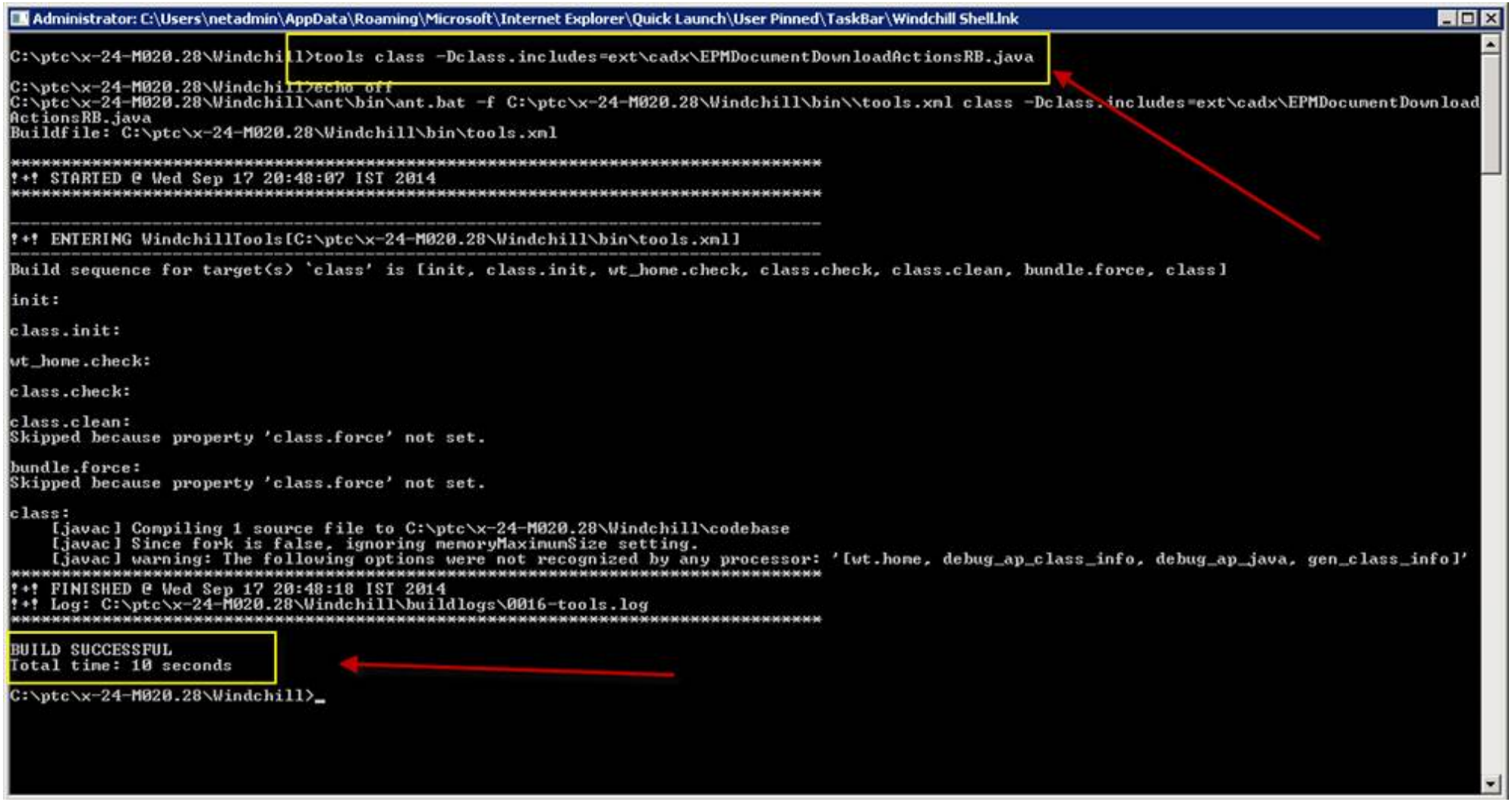
5. Place attached ***EPMDocumentDownloadActionsRB.java*** file under ***<WT_HOME>\src\ext\cadx*** folder. Create folder if not exists.

6. Place attached ***downloadPrimaryContent.jsp*** file under ***<WT_HOME>\codebase\netmarkets\jsp\customEPMDownload*** folder. Create folder if not exists.

7. Open Windchill Shell and execute below command:

tools class -Dclass.includes=ext\cadx\EPMDocumentDownloadActionsRB.java

8. After executing above command, make sure BUILD SUCCESFULL as shown below:



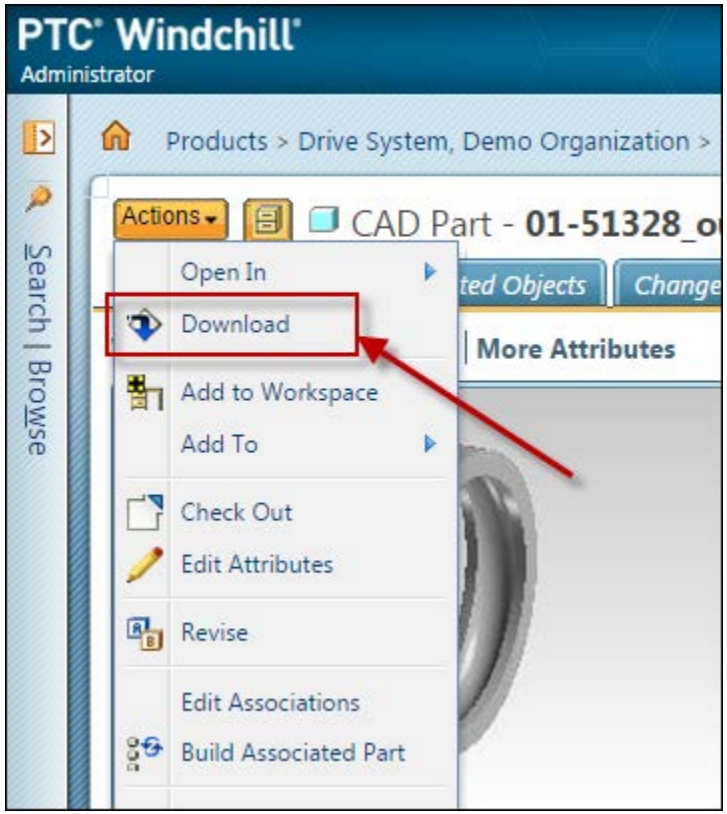
9. Also make sure as there is ***EPMDocumentDownloadActionsRB.class*** file created under ***<WT_HOME>\codebase\ext\cadx*** folder. If that folder isn't exists there, it will be created there by above command.

10. Stop Windchill Method Server

11. Clear Tomcat, Info*Engine and Browser cache

12. Restart Windchill Method Server

13. Now, you will see "***Download***" action in Action drop down list



Note- As mentioned in TPI#151688 this is an intended change in behavior implemented from 9.1 M060 to prevent data loss or data corruption that may occur by bypassing the Workgroup Manager Adapter.
While opening a CAD document in a registered CAD application, any metadata changes (e.g. updated parameter values, lifecycle states or links to renamed dependencies) are propagated into the CAD files by the workgroup manager Adapter. This data synchronization is essential to ensure that the binary CAD Data is updated correctly and reflects any changes made in Windchill.

By using the hyperlink that was available on the standalone browser HTML UI prior to 9.1 M060, users could download incomplete CAD content (bypassing data synchronization), resulting in the download of incomplete or even corrupt data.

In order to avoid this situation, the "Download content" option will no longer be available from 9.1 M060 when viewed in the standalone browser. So using this Download link may cause data curruption.

Thanks,
Shirish

From: Morkhade, Shirishkumar
Sent: 17 September 2014 AM 04:02
To: 'joseph.bell@lmco.com'
Cc: 'cs_ptc (cs_ptc@ptc.com)'
Subject: PTC Case C12160044 [ref:_00DA0YLPa._500F0QOjZM:ref]

Link to Case: https://www.ptc.com/appserver/cs/view/case.jsp?n=12160044

Case Reference: [ref:_00DA0YLPa._500F0QOjZM:ref]
Case Subject: How do I enable the direct download (not through WGM) of CAD documents? I have a .jsp-edit solution for this in 9.1 but I don't know if it will work in 10.2.

Hi Joe,

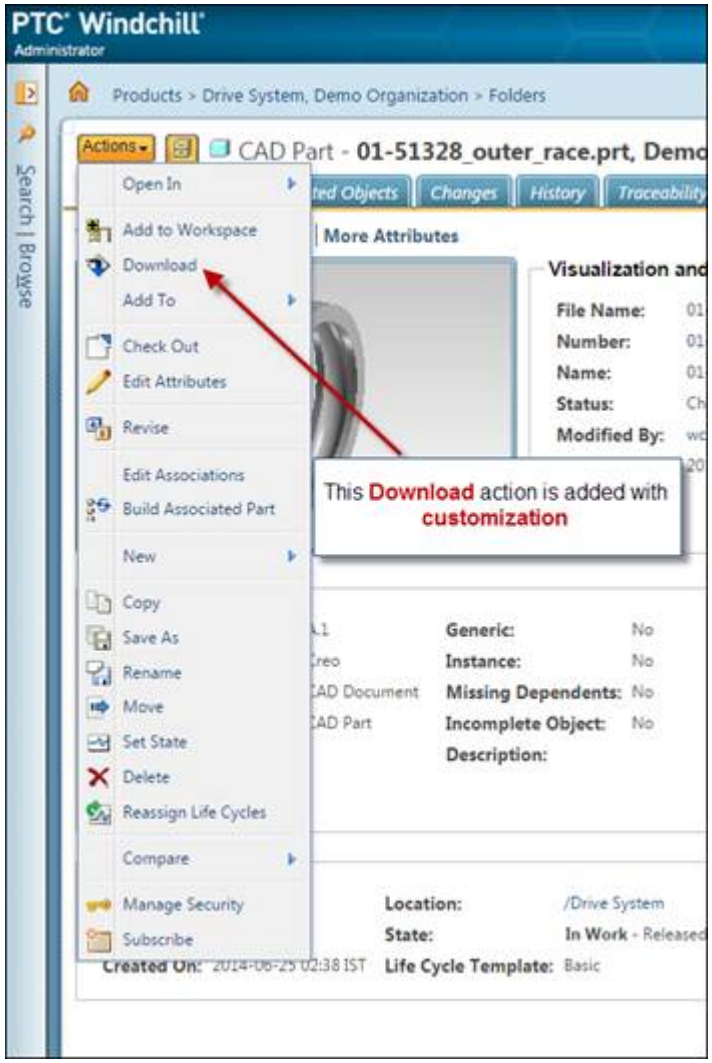
I have a taken the ownership of this issue already started investigating this issue.

I went through the Document file you attached to the call and found those steps are now absolute. Those files (CDPPContentTableBody.html, CDPPContentTableBody_en_US.html and CDPPContentTableBody_en_GB.html) are no more in valid to Windchill 10.2 release.

Hence this resolution will definitely not application for Windchill 10.2 M020 release. Since both release using different architectures (JCA vs MVC).

However if you're ok with Download action in Action drop down menu as shown in below screen capture, I can guide you with implementation steps. I have already tested that on my Windchill 10.2 M020 instance and it is working perfectly fine there.

Let me know if this approach is okay for you.



Thanks and Regards,

PTC® PRODUCT & SERVICE ADVANTAGE®

Shirishkumar Morkhade

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