

Assignment-2 and 3

Assignment-2

1. Create document objects, add primary and secondary content

1.1. Checking the document object, change the primary content and checkout the document object.

1.2 Create parent child relation in documents.

2. Create Part object

2.1. Create BOM structure, Parent Child relation in parts.

Assignment-3

Question 1:

- Create WTDocument, WTPart and run the checkIn, checkOut, and Revise action on the objects.
- Check the history of all the revisions in the history tab.

Question 2:

- write a select query in the pdmtest database which returns all the part objects....
- with columns having partName, partNumber, Revision + Iteration, LifeCycle, LifeCycle State, Container name;
- Write a select query to find all the document objects, in the result include only DocumentName, DocumentNumber, Revision+Iteration, LifeCycle, LifecycleState, Conatiner Name

Question 3:

- Write a select query to find all the details of an object(WTPart, WTDocument) i.e the columns from the MasterTable and from the VersionTable where the partName,documentNumber='___'

Question 4:

- Create a document in one of the library..
- Write a query to find all the documents which are in library.
- Write a query to print the Library Container name of a given document number. (the document Number used here should be of the document residing in Library Container)

windchill® product_user001 Part, Document, CAD D... ▾

Products > product001

Actions ▾ Product - product001

Folders (1 objects)

Name 1 Search in selected folder

product001

(0 objects selected)

Folder Contents All

New Folder - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/folder/create?ContainerOid=OR%3Awt.pdmlink.PD... A^

Last Modified 1

New Folder

1 2

Set Attributes Set Access Control

Attributes

* Name: BallPen

Description: Folder related to pen product

* Indicates required fields.

Back Next Finish Apply Cancel

windchill® product_user001 Part, Document, CAD D... ▾ Search

Products > product001

Actions ▾ Product - product001

Folders (1 objects)

Name 1 Search in selected folder

product001

(0 objects selected)

Folder Contents All

New Folder - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/folder/create?ContainerOid=OR%3Awt.pdmlink.PDMLinkProduct%3A130370&u8=1&unique_pa... A^

New Folder

1 2

Set Attributes Set Access Control

Access My Access

(1 objects)

Participant Permissions Search in table

product_user001 Full Control (All) Read Download Modify Modify Content Revise Delete

(0 objects selected)

Back Next Finish Apply Cancel

windchill® product_user001 Part, Document, CAD D... ▾

Products > product001

Actions ▾ Product - product001

Folders (2 objects)

Name 1 Search in selected folder

product001

BallPen

(0 objects selected)

Folder Contents All

New Folder - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/folder/create?context=comp%24folderbrowser_table%24OR%3Awt.folder.Cabinet%3A130412%2... A^

New Folder

1 2

Set Attributes Set Access Control

Attributes

* Name: BallPen001

Description: testing of creating a sub folder

* Indicates required fields.

Back Next Finish Apply Cancel

windchill® product_user001

Part, Document, CAD D... Se

Products > product001

Actions Product - product001

Folders (2 objects)

Name
product001
BallPen

Folder Contents All

New Folder - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/folder/create?context=comp%24folderbrowser_table%24OR%3A130412%2...

New Folder

Set Attributes Set Access Control

Access My Access (1 objects)

Participant	Permissions
product_user001	<input checked="" type="checkbox"/> Full Control (Alt) <input type="checkbox"/> Read <input type="checkbox"/> Download <input type="checkbox"/> Modify <input type="checkbox"/> Modify Content <input type="checkbox"/> Revise <input type="checkbox"/> Delete

(0 objects selected)

Back Next Finish Apply Cancel

windchill® product_user001

Products > product001 > BallPen

Actions Folder - BallPen001

Folders (3 objects)

Name
product001
BallPen
BallPen001

Folder Contents All

New Part - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/part/createPartWizard?revisionMode=create&...

New Part

Set Attributes

Product: product001

* Type: Part

* Create as End Item: Yes

Part Attributes

* Number: Pen-0001

* Name: Pen Assembly

* Assembly Mode: Separable

* Source: Make

View: Design

* Default Trace Code: Serial Number

* Default Unit: each

* Gathering Part: No

* Life Cycle Template: (Generated)

Team Template: (Generated)

* Location: ☐ Autoselect Folder (/product001) ☒ Select Folder [/product001/BallPen/BallPen001]

☐ Create CAD Document

☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

windchill® product_user001

Products > product001 > BallPen > BallPen001

Part - PEN-0001, Pen Assembly, A.1 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing Insert Existing Remove Check Out/In Check Out Revise Check In My Checkouts Clipboard Paste Copy Hide Viewing Show Dis

Find in Structure

Identity

PEN-0001, Pen Assembly, A.1 (Design)

(1 objects)

New Part - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/part/createPartWizard?revisionMode=create&invokedfrom=folder&sh...

New Part

Set Attributes New CAD Document

Product: product001

*Type: Part

*Create as End Item: No

Part Attributes

Number: (Generated)

*Name: Pen Cap

*Assembly Mode: Separable

*Source: Make

View: Design

*Default Trace Code: Untraced

*Default Unit: each

*Gathering Part: No

*Life Cycle Template: (Generated)

Team Template: (Generated)

*Location: ☐ Autoselect Folder (/product001) ☒ Select Folder (/product001/BallPen/BallPen001)

☒ Create CAD Document ☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

windchill® product_user001

Products > product001 > BallPen > BallPen001

Part - PEN-0001, Pen Assembly, A.1 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing Insert Existing Remove Check Out/In Check Out Revise Check In My Checkouts Clipboard Paste Copy Hide Viewing Show Dis

Find in Structure

Identity

PEN-0001, Pen Assembly, A.1 (Design)

0000000001, Pen Cap, A.1 (Design)

(2 objects)

New Part - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/part/createPartWizard?revisionMode=create&invokedfrom=folder&sh...

New Part

Set Attributes

Product: product001

*Type: Part

*Create as End Item: No

Part Attributes

Number: (Generated)

*Name: Pen Body

*Assembly Mode: Separable

*Source: Make

View: Design

*Default Trace Code: Untraced

*Default Unit: each

*Gathering Part: No

*Life Cycle Template: (Generated)

Team Template: (Generated)

*Location: ☐ Autoselect Folder (/product001) ☒ Select Folder (/product001/BallPen/BallPen001)

☐ Create CAD Document ☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

windchill® product_user001

Products > product001 > BallPen > BallPen001

Actions ▾ Part - PEN-0001, Pen Assembly, A.2 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing Insert Existing Remove Check Out/In Check Out Revise Insert New Edit My Checkouts Clipboard Paste Copy Hide Viewing

Find in Structure

Identity ▾

- Part - PEN-0001, Pen Assembly, A.2 (Design)
- 0000000001, Pen Cap, A.2 (Design)
- 0000000002, Pen Body, A.1 (Design)

(3 objects)

New Part - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/part/createPartWizard?revisionMode=create&invokedfrom=folder&sh...

New Part

Set Attributes

Product: product001

*Type: Part

*Create as End Item: No

Part Attributes

Number: (Generated)

*Name: Pen Upper Cover

*Assembly Mode: Separable

*Source: Make

View: Design

*Default Trace Code: Untraced

*Default Unit: each

*Gathering Part: No

*Life Cycle Template: (Generated)

Team Template: (Generated)

*Location: ☐ Autoselect Folder (/product001) ☒ Select Folder [product001/BallPen/BallPen001]

☐ Create CAD Document

☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

windchill® product_user001

Products > product001 > BallPen > BallPen001

Actions ▾ Part - PEN-0001, Pen Assembly, A.2 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing Insert Existing Remove Check Out/In Check Out Revise Insert New Edit My Checkouts Clipboard Paste Copy Hide Viewing

Find in Structure

Identity ▾

- Part - PEN-0001, Pen Assembly, A.2 (Design)
- 0000000001, Pen Cap, A.2 (Design)
- 0000000002, Pen Body, A.1 (Design)
- 0000000003, Pen Upper Cover, A.1 (Design)

(4 objects)

New Part - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/part/createPartWizard?revisionMode=create&invokedfrom=folder&sh...

New Part

Set Attributes

Product: product001

*Type: Part

*Create as End Item: No

Part Attributes

Number: (Generated)

*Name: Pen Lower Cover

*Assembly Mode: Separable

*Source: Make

View: Design

*Default Trace Code: Untraced

*Default Unit: each

*Gathering Part: No

*Life Cycle Template: (Generated)

Team Template: (Generated)

*Location: ☐ Autoselect Folder (/product001) ☒ Select Folder [product001/BallPen/BallPen001]

☐ Create CAD Document

☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

windchill® product_user001

Products > product001 > BallPen > BallPen001

Part - PEN-0001, Pen Assembly, A.2 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing: Insert Existing, Remove, Insert New, Edit
Check Out/In: Check Out, Revise, Check In, My Checkouts
Clipboard: Paste, Copy
Viewing: Show, Views, Hide, Display

Find in Structure

Identity

- PEN-0001, Pen Assembly, A.2 (Design)
 - 0000000001, Pen Cap, A.2 (Design)
 - 0000000002, Pen Body, A.1 (Design)
 - 0000000003, Pen Upper Cover, A.1 (Design)
 - 0000000004, Pen Lower Cover, A.1 (Design)

(5 objects)

New Part - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/part/createPartWizard?revisionMode=create&invokedfrom=folder&sh...

New Part

Set Attributes

Product: product001
*Type: Part
*Create as End Item: No

Part Attributes

Number: (Generated)
*Name: Pen Refill
*Assembly Mode: Separable
*Source: Make
View: Design
*Default Trace Code: Untraced
*Default Unit: each
*Gathering Part: No
*Life Cycle Template: (Generated)
Team Template: (Generated)
*Location: ☐ Autoselect Folder (/product001) ☒ Select Folder (/product001/BallPen/BallPen001)

☐ Create CAD Document
☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

windchill® product_user001

Products > product001 > BallPen > BallPen001

Part - PEN-0001, Pen Assembly, A.3 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing: Insert Existing, Remove, Insert New, Edit
Check Out/In: Check Out, Revise, Check In, My Checkouts
Clipboard: Paste, Copy
Viewing: Show, Views, Hide, Display

Find in Structure

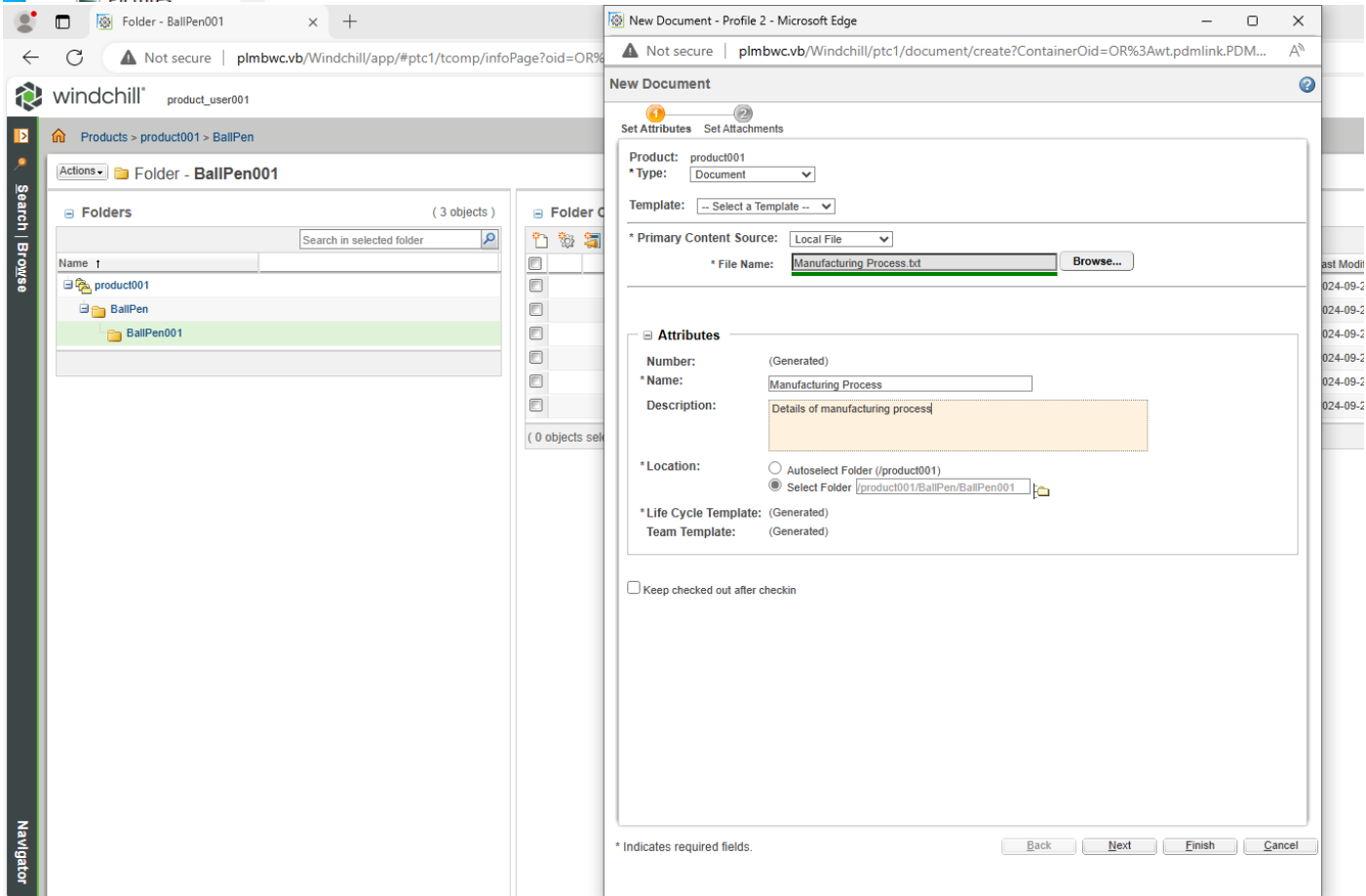
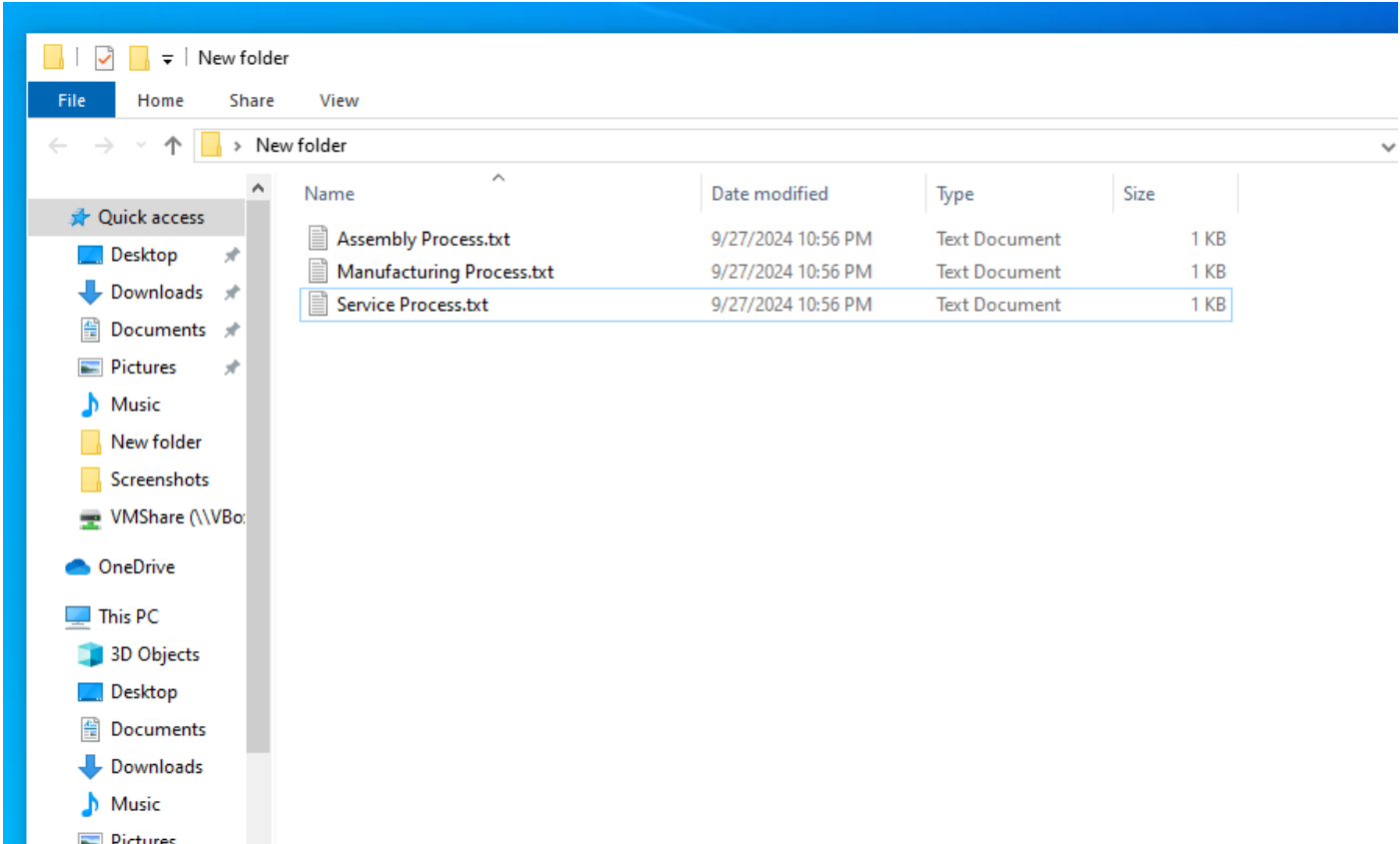
Identity

- PEN-0001, Pen Assembly, A.3 (Design)
 - 0000000001, Pen Cap, A.2 (Design)
 - 0000000002, Pen Body, A.2 (Design)
 - 0000000003, Pen Upper Cover, A.1 (Design)
 - 0000000004, Pen Lower Cover, A.1 (Design)
 - 0000000005, Pen Refill, A.1 (Design)

Attributes Uses Occurrences Supersedes Documents

Part Attributes

Number: PEN-0001
Name: Pen Assembly
Version:
State:
Status: Checked in
Modified By:
Last Modified:



Folder - BallPen001

Not secure | plmbwc.vb/Windchill/app/#ptc1/tcomp/infoPage?oid=OR%3Awt.pdmlink.PDM...

windchill® product_user001

Products > product001 > BallPen

Actions Folder - BallPen001

Folders (3 objects)

Name Search in selected folder

- product001
 - BallPen
 - BallPen001

Folder C

(0 objects selected)

Search | Browse

Navigator

New Document - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/document/create?ContainerOid=OR%3Awt.pdmlink.PDM...

New Document

Set Attributes Set Attachments

Attachments (1 objects)

	*Label or File Name	*URL/External Location	Attachment Description
<input type="checkbox"/>	Service Process.txt	Browse...	Service details of part

(0 objects selected)

Back Next Finish Cancel

Folder - BallPen001

Not secure | plmbwc.vb/Windchill/app/#ptc1/tcomp/infoPage?oid=OR%3Awt.pdmlink.PDM...

windchill® product_user001

Products > product001 > BallPen

Actions Folder - BallPen001

Folders (3 objects)

Name Search in selected folder

- product001
 - BallPen
 - BallPen001

Folder C

(0 objects selected)

Search | Browse

Navigator

New Document - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/document/create?ContainerOid=OR%3Awt.pdmlink.PDM...

New Document

Set Attributes Set Attachments

Product: product001

*Type: Document

Template: -- Select a Template --

*Primary Content Source: Local File

*File Name: Assembly Process.txt Browse...

Attributes

Number: (Generated)

*Name: Assembly Process

Description: Assembly process details

*Location: ☐ Autoselect Folder (/product001) ☒ Select Folder [product001/BallPen/BallPen001]

*Life Cycle Template: (Generated)

Team Template: (Generated)

☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

Document - 0000000022, Assembly Process, A.1

product_user001

Products > product001 > BallPen > BallPen001

Actions

DetailsStructureContentRelated ObjectsChangesHistory

Where UsedReferences DocumentsReferenced By DocumentsParts

Number	Version	Name	Context
--------	---------	------	---------

(0 objects selected)

References DocumentsDefault

Number	Version	Name	Context
--------	---------	------	---------

(0 objects selected)

Referenced By DocumentsDefault

Number	Version	Name	Context
--------	---------	------	---------

(0 objects selected)

Describes PartsDefault

Number	Version	Name	Context
--------	---------	------	---------

(0 objects selected)

References Documents - Profile 2 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/document/related_add_references_doc?ContainerOid=OR%3Awt.pdmlink.PDMLinkProduct%3A130370...

References Documents

Number:

Name:

Created By:

Created On: From: To:

State:

SearchClear

Search Results

(1 objects)

Number	Version	Name	State
0000000021	A.1	Manufacturing Process	In Work

(0 objects selected)

OKCancel

product_user001

Products > product001 > BallPen > BallPen001

Actions

DetailsStructureContentRelated ObjectsChangesHistoryTraceability

Where UsedReferences DocumentsReferenced By DocumentsParts

Where UsedLatest

Number	Version	Name	Context
--------	---------	------	---------

(0 objects selected)

References DocumentsDefault

Number	Version	Name	Context	State	Last Modified	Comments
0000000021	A.1	Manufacturing Process	product001	In Work	2024-09-27 22:59 IST	

(0 objects selected)

Referenced By DocumentsDefault

Number	Version	Name	Context	State	Last Modified
--------	---------	------	---------	-------	---------------

Describes PartsDefault

Number	Version	Name	Context	State	Last Modified
--------	---------	------	---------	-------	---------------

Part - PEN-0001, Pen Assembly, A.4 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Described By Documents | Reference Documents | CAD/Dynamic Documents | Alternates | Substitutes

Described By Documents Default

	Number ↑	Version ↑	Name	Context	State	Last Modified
	0000000022	A.1	Assembly Process	product001	In Work	2024-09-27 23:01 IST

(0 objects selected)

Reference Documents Default

	Number ↑	Version ↑	Name	Context	State	Last Modified

(0 objects selected)

Part - PEN-0001, Pen Assembly, A.4 (Design)

Details Structure Related Objects Changes History Where Used Traceability

Editing

Insert ExistingRemoveInsert NewEdit

Check Out/In

Check OutReviseCheck InMy Checkouts

Clipboard

PasteCopy

Viewing

ShowViewsHideDisplay

New/Add To

NewAdd to

Filter

Current FilterEdit FilterSaved Filters

Tools

CompareOpen in

Reports

ReportsExport

Find in Structure

- Identity
- PEN-0001, Pen Assembly, A.4 (Design)
 - 0000000001, Pen Cap, A.2 (Design)
 - 0000000002, Pen Body, A.2 (Design)
 - 0000000003, Pen Upper Cover, A.1 (Design)
 - 0000000004, Pen Lower Cover, A.1 (Design)
 - 0000000005, Pen Refill, A.1 (Design)

Attributes Uses Occurrences Supersedes Documents

Described By Documents | Reference Documents | CAD/Dynamic Documents

Described By Documents

Number	Version	Name	Context	State	Last Modified
0000000022	A.2	Assembly Process	product001	In Work	2024-09-27 23:05 IST

Reference Documents

Number	Version	Name	Context	State	Last Modified

Revise

Current Settings: No dependents, Latest : Design, Working

Object List As a List All

	Number	Version	Name	New Revision	Location	New State	Collection Rule
	PEN-0001	A.4 (D...	Pen Assembly	B	/product001/BallP	In Work	Initially Selected

(0 objects selected)

Search | Browse

windchill®

product_user001

Products > product001 > BallPen > BallPen001

Actions ▾ Part - PEN-0001, Pen Assembly, B.1 (Design)

Details

Structure

Related Objects

Changes

History

Where Used

Traceability

Editing

Check Out/In

Clipboard

Viewing

New/Add To

Filter

Tools

Reports

Insert Existing

Remove

Check Out

Revise

Insert New

Edit

Check In

My Checkouts

Paste

Copy

Hide

Display

New

Add to

Edit Filter

Current Filter

Saved Filters

Compare

Open in

Reports

Export

Find in Structure

Identity

▲ PEN-0001, Pen Assembly, B.1 (Design)

0000000001, Pen Cap, A.2 (Design)

▲ 0000000002, Pen Body, C.1 (Design)

0000000003, Pen Upper Cover, A.1 (Design)

0000000004, Pen Lower Cover, A.1 (Design)

0000000005, Pen Refill, A.1 (Design)

Attributes

Uses

Occurrences

Supersedes

Documents

Described By Documents

Reference Documents

CAD/Dynamic Documents

Described By Documents

+

Number

Version

Name

Context

State

Last Mod

windchill®

product_user001

Part, Docu

Products > product001 > BallPen

Actions ▾ Folder - BallPen001

Folders

(3 objects)

Name

1

Search in selected folder

product001

BallPen

BallPen001

Folder Contents

All

Actions ▾

Number

Name

Version

State

Last Modified

0000000022

Assembly Process

B.1

In Work

2024-09-27 23:14 IST

0000000002

Pen Body

C.1 (Design)

In Work

2024-09-27 23:13 IST

PEN-0001

Pen Assembly

B.1 (Design)

In Work

2024-09-27 23:12 IST

0000000021

Manufacturing Process

A.1

In Work

2024-09-27 22:59 IST

0000000005

Pen Refill

A.1 (Design)

In Work

2024-09-27 22:50 IST

0000000004

Pen Lower Cover

A.1 (Design)

In Work

2024-09-27 22:49 IST

0000000003

Pen Upper Cover

A.1 (Design)

In Work

2024-09-27 22:48 IST

0000000001

Pen Cap

A.2 (Design)

In Work


2024-09-27 22:45 IST

(0 objects selected)

Actions User - AOrgadmin (AOrgadmin: Batch5)

Details

Visualization and Attributes | Group membership | Profile Membership | Attribute Visibility Report



Synchronize Name with LDAP: Yes
Email:
Postal Address:
Telephone Number:
Alternate Phone Number:

Groups

Name	Distinguished Name
ORG ADMIN	cn=ORG ADMIN,o=Batch5,ou=people,cn=AdministrativeLdap,cn=Windchill_11.0,o=ptc

Profiles

Name	Context
------	---------

Attribute Visibility

Name	Constraint	Profile	Context
------	------------	---------	---------

Find Participant - Profile 1 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/group/addGroupToList?unique_page_number=58232651089198_1&AjaxEnab...

Find Participant

Group Name: ?
Description:

Search Clear

Search Results:

Administrators (Site)
Attribute Administrators (Site)
Business Report Author (Site)
Business Report Monitor (Site)
Gateway Administrator (Site)
Gateway Default Application (Site)
Gateway Publisher (Site)
LifeCycleAdministrators (Site)
Organization Administrator (Batch5)
Platform Administrator (Batch5)

Add >>

Participant List:

Administrators (Site)


Remove

OK Apply Cancel

Actions User - AOrgadmin (AOrgadmin: Batch5)

Details

Visualization and Attributes | Group membership | Profile Membership | Attribute Visibility Report



Synchronize Name with LDAP: Yes
Email:
Postal Address:
Telephone Number:
Alternate Phone Number:

Groups

Name	Distinguished Name
ORG ADMIN	cn=ORG ADMIN,o=Batch5,ou=people,cn=AdministrativeLdap,cn=Windchill_11.0,o=ptc

Profiles

Name	Context
------	---------

Attribute Visibility

Name	Constraint	Profile	Context
------	------------	---------	---------

Edit User - Profile 1 - Microsoft Edge

Not secure | plmbwc.vb/Windchill/ptc1/user/updateUser?context=tcomp%24i...

Edit User

Set Attributes Assign to Groups Assign to Profiles Assign Picture

Groups

(2 objects)

Name	Distinguished Name
ORG ADMIN	cn=ORG ADMIN,o=Batch5,ou=people,cn=AdministrativeLdap,cn=Windchill_11.0,o=ptc
Administrators	cn=administrators,ou=people,cn=administrativeLdap,cn=windchill_11.0,o=ptc

(0 objects selected)

Back Next Finish Apply Cancel

pdmtest x

Worksheet Query Builder

```
select * from wtpartmaster;
```

Table which store all the master details of the part

Object name as a table name

Primary key of the wtpart master table

Script Output x Query Result x

SQL | Fetched 50 rows in 0.269 seconds

REFERENCE	PHANTOM	SERIES	SERVICEABLE	SERVICEKIT	CREATESTAMP2	MARKFORDELETE2	MODIFYSTAMP2	CLASSNAME2A2	IDA2A2	UPDATECOUNTA2	UPDATESTAMP2	AUTHORINGINLA
4	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79126	1 11-AUG-24	(null)	
5	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79127	1 11-AUG-24	(null)	
6	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79128	1 11-AUG-24	(null)	
7	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79129	1 11-AUG-24	(null)	
8	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79130	1 11-AUG-24	(null)	
9	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79131	1 11-AUG-24	(null)	
10	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79132	1 11-AUG-24	(null)	
11	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79133	1 11-AUG-24	(null)	
17	63474	0 wt.series.HarvardSeries	1	0 11-AUG-24	0 11-AUG-24			wt.part.WTPartMaster	79134	1 11-AUG-24	(null)	

Messages - Log x

pdmtest x

Worksheet Query Builder

```
select * from wtpartmaster;
```

Object or table name (wtorganization) which store the details of org

This is the foreign key for wtpartmaster now.

Script Output x Query Result x

SQL | Fetched 50 rows in 0.269 seconds

	WTPARTNUMBER	CLASSNAMEKEYORGANIZATIONREF	IDA3ORGANIZATIONREFERENCE	PHANTOM	SERIES	SERVICEABLE	SERVICEKIT	CREATESTAMP2	M
4 sm	WCDS000717	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
5	WCDS000561	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
6 ror.prt	WCDS000150	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
7 rt	WCDS000348	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
8 new.prt	WCDS000154	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
9	WCDS000462	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
10	WCDS000578	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
11	WCDS000138	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		
17	WCDS000560	wt.org.WTOrganization	63474	0	wt.series.HarvardSeries	1	0 11-AUG-24		

Messages - Log x

pdmtest x

Worksheet Query Builder

```
--QUERY TO GET THE MASTER DETAILS OF THE PART
select * from wtpartmaster;

--QUERY TO GET THE VERSION,HISTORY DETAILS ABOUT THE PART.
select * from wtpart;

--QUERY TO GET THE MASTER DETAILS OF PART WHOES NAME STARTS WITH PEN
select * from wtpartmaster where name like 'Pen%';

--QUERY TO GET THE HISTORY,VERSION DETAILS ABOUT ONLY 1 PARTICULAR PART WITH THE HELP OF MASTER ID
select * from wtpart JOIN wtpartmaster WHERE ida3masterreference = '132088';

--QUERY TO GET THE COMPLETE DETAILS FROM BOTH MASTER AND PART TABLE FOR PARTICULAR PART BASED ON ITS PRIMARY KEY.
select wtpart.*, wtpartmaster.* from wtpartmaster join wtpart on wtpartmaster.ida2a2=wtpart.ida3masterreference where wtpartmaster.ida2a2='132088';

--QUERY TO
select wtpartmaster.name, wtpartmaster.wtpartnumber,wtpart.versionida2versioninfo,wtpart.iterationida2iterationinfo ,wtpart.statestate from wtpartmaster
join wtpart on wtpartmaster.ida2a2=wtpart.ida3masterreference where wtpartmaster.ida2a2='132146' order by wtpart.versionida2versioninfo,wtpart.iterationida2iterationinfo;
```

Script Output x Query Result x

SQL | All Rows Fetched: 5 in 0 seconds

	NAME	WTPARTNUMBER	VERSIONIDA2VERSIONINFO	ITERATIONIDA2ITERATIONINFO	STATESTATE
1	Pen Body 0000000002	A	1		INWORK
2	Pen Body 0000000002	A	2		INWORK
3	Pen Body 0000000002	A	3		INWORK
4	Pen Body 0000000002	B	1		INWORK
5	Pen Body 0000000002	C	1		INWORK

```
--QUERY TO GET THE VERSION,HISTORY DETAILS ABOUT THE DOCUMENT
select * from WTDDOCUMENT;

--QUERY TO GET THE MASTER DETAILS OF THE DOCUMENT
select * from wtdocumentmaster;

--QUERY TO GET THE HISTORY,VERSION DETAILS ABOUT ONLY 1 PARTICULAR DOCUMENT WITH THE HELP OF MASTER ID
select * from WTDDOCUMENT WHERE ida3masterreference = '132272';

--QUERY TO GET THE COMPLETE DETAILS FROM BOTH MASTER AND PART TABLE FOR PARTICULAR DOCUMENT BASED ON ITS PRIMARY KEY.
select WTDDOCUMENT.*, wtdocumentmaster.* from wtdocumentmaster join WTDDOCUMENT on wtdocumentmaster.ida2a2=WTDDOCUMENT.ida3masterreference where wtdocumentmaster.ida2a2='132272';

--QUERY TO GET DOCUMENT DETAILS
select wtdocumentmaster.name, wtdocumentmaster.wtdOCUMENTnumber,WTDDOCUMENT.versionida2versioninfo,WTDDOCUMENT.iterationida2iterationinfo ,WTDDOCUMENT.statestate from wtdocumentmaster
join WTDDOCUMENT on wtdocumentmaster.ida2a2=WTDDOCUMENT.ida3masterreference where wtdocumentmaster.ida2a2='132287' order by WTDDOCUMENT.versionida2versioninfo,WTDDOCUMENT.iterationida2iterationinfo;
```

Script Output x | Query Result x | Query Result 1 x

SQL | All Rows Fetched: 3 in 0 seconds

	NAME	WTDDOCUMENTNUMBER	VERSIONIDA2VERSIONINFO	ITERATIONIDA2ITERATIONINFO	STATESTATE
1	Assembly Process	0000000022	A	1	INWORK
2	Assembly Process	0000000022	A	2	INWORK
3	Assembly Process	0000000022	B	1	INWORK

pdmttest x

Worksheet | Query Builder

```
--QUERY TO GET THE MASTER DETAILS OF THE PART
select * from wtpartmaster;

--QUERY TO GET THE VERSION,HISTORY DETAILS ABOUT THE PART.
select * from wtpart;

--QUERY TO GET THE MASTER DETAILS OF PART WHOES NAME STARTS WITH PEN
select * from wtpartmaster where name like 'Pen%';

--QUERY TO GET THE HISTORY,VERSION DETAILS ABOUT ONLY 1 PARTICULAR PART WITH THE HELP OF MASTER ID
select * from wtpart WHERE ida3masterreference = '132088';

--QUERY TO GET THE COMPLETE DETAILS FROM BOTH MASTER AND PART TABLE FOR PARTICULAR PART BASED ON ITS PRIMARY KEY.
select wtpart.*, wtpartmaster.* from wtpartmaster join wtpart on wtpartmaster.ida2a2=wtpart.ida3masterreference where wtpartmaster.ida2a2='132088';

--QUERY TO GET PART DETAILS
select wtpartmaster.name, wtpartmaster.wtpartnumber,wtpart.versionida2versioninfo,wtpart.iterationida2iterationinfo ,wtpart.statestate from wtpartmaster
join wtpart on wtpartmaster.ida2a2=wtpart.ida3masterreference where wtpartmaster.ida2a2='132146' order by wtpart.versionida2versioninfo,wtpart.iterationida2iterationinfo;

--QUERY TO GET THE VERSION,HISTORY DETAILS ABOUT THE DOCUMENT
select * from WTDDOCUMENT;

--QUERY TO GET THE MASTER DETAILS OF THE DOCUMENT
select * from wtdocumentmaster;

--QUERY TO GET THE HISTORY,VERSION DETAILS ABOUT ONLY 1 PARTICULAR DOCUMENT WITH THE HELP OF MASTER ID
select * from WTDDOCUMENT WHERE ida3masterreference = '132272';

--QUERY TO GET THE COMPLETE DETAILS FROM BOTH MASTER AND PART TABLE FOR PARTICULAR DOCUMENT BASED ON ITS PRIMARY KEY.
select WTDDOCUMENT.*, wtdocumentmaster.* from wtdocumentmaster join WTDDOCUMENT on wtdocumentmaster.ida2a2=WTDDOCUMENT.ida3masterreference where wtdocumentmaster.ida2a2='132272';

--QUERY TO GET DOCUMENT DETAILS
select wtdocumentmaster.name, wtdocumentmaster.wtdOCUMENTnumber,WTDDOCUMENT.versionida2versioninfo,WTDDOCUMENT.iterationida2iterationinfo ,WTDDOCUMENT.statestate from wtdocumentmaster
join WTDDOCUMENT on wtdocumentmaster.ida2a2=WTDDOCUMENT.ida3masterreference where wtdocumentmaster.ida2a2='132287' order by WTDDOCUMENT.versionida2versioninfo,WTDDOCUMENT.iterationida2iterationinfo;
```

SQL Solution

--QUERY TO GET THE MASTER DETAILS OF THE PART

```
select * from wtpartmaster;
```

--QUERY TO GET THE VERSION,HISTORY DETAILS ABOUT THE PART.

```
select * from wtpart;
```

--QUERY TO GET THE MASTER DETAILS OF PART WHOES NAME STARTS WITH PEN

```
select * from wtpartmaster where name like 'Pen%';
```

--QUERY TO GET THE HISTORY,VERSION DETAILS ABOUT ONLY 1 PARTICULAR PART WITH THE HELP OF MASTER ID

```
select * from wtpart JOIN wtpartmaster ON wtpartmaster.ida2a2=wtpart.ida3masterreference WHERE ida3masterreference = '132088';
```

--QUERY TO GET THE COMPLETE DETAILS FROM BOTH MASTER AND PART TABLE FOR PARTICULAR PART BASED ON ITS PRIMARY KEY.

```
select wtpart.*, wtpartmaster.* from wtpartmaster
```

```
join wtpart on wtpartmaster.ida2a2=wtpart.ida3masterreference
```

```
where wtpartmaster.ida2a2='132088';
```

--QUERY TO FIND ALL THE part objects with columns having partName, partNumber, Revision,Iteration,LifeCycle State

```
select wtpartmaster.name,
```

```
wtpartmaster.wtpartnumber,wtpart.versionida2versioninfo,wtpart.iterationida2iterationinfo,wtpart.statestate from wtpartmaster
```

```
join wtpart on wtpartmaster.ida2a2=wtpart.ida3masterreference
```

```
where wtpartmaster.ida2a2='132146' order by
```

```
wtpart.versionida2versioninfo,wtpart.iterationida2iterationinfo;
```

--QUERY TO GET THE VERSION,HISTORY DETAILS ABOUT THE DOCUMENT

```
SELECT * FROM WTDOCUMENT;
```

--QUERY TO GET THE MASTER DETAILS OF THE DOCUMENT

```
select * from wtdocumentmaster;
```

--QUERY TO GET THE HISTORY,VERSION DETAILS ABOUT ONLY 1 PARTICULAR DOCUMENT WITH THE HELP OF MASTER ID

```
select * from WTDOCUMENT WHERE ida3masterreference = '132272';
```

--QUERY TO GET THE COMPLETE DETAILS FROM BOTH MASTER AND PART TABLE FOR PARTICULAR DOCUMENT BASED ON ITS PRIMARY KEY.

```
select WTDOCUMENT.*, wtdocumentmaster.* from wtdocumentmaster join  
WTDOCUMENT on wtdocumentmaster.ida2a2=WTDOCUMENT.ida3masterreference where  
wtdocumentmaster.ida2a2='132272';
```

--QUERY TO GET DOCUMENT DETAILS

```
select wtdocumentmaster.name,  
wtdocumentmaster.wtDOCUMENTnumber,WTDOCUMENT.versionida2versioninfo,WTDOCU  
MENT.iterationida2iterationinfo ,WTDOCUMENT.statestate from wtdocumentmaster  
join WTDOCUMENT on wtdocumentmaster.ida2a2=WTDOCUMENT.ida3masterreference  
where wtdocumentmaster.ida2a2='132287' order by  
WTDOCUMENT.versionida2versioninfo,WTDOCUMENT.iterationida2iterationinfo;
```
