

PROJECTWISE TIPS & TRICKS FOR MICROSTATION BRUGERE

D5 – ProjectWise tips og tricks for MicroStation brugere

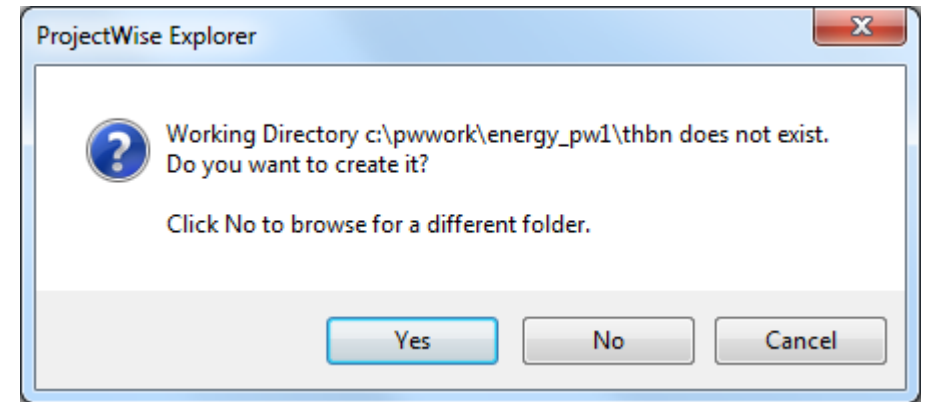
Thomas Bogø Nissen

Bentleyuser.dk – Årsmøde 2018



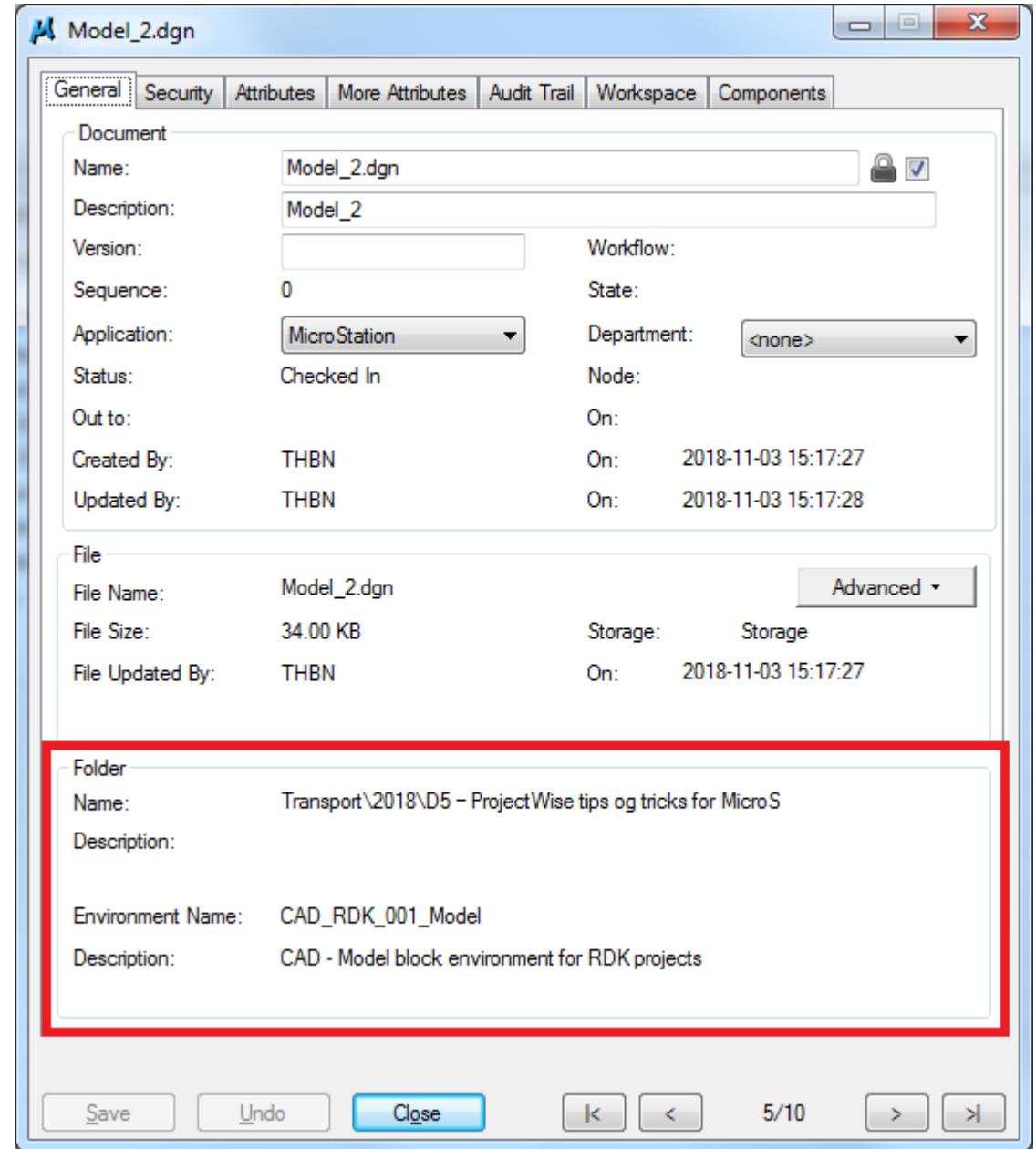
HVAD ER PROJECTWISE

- En samarbejdsplatform
- Filerne hentes fra fælles server – Single Point of Truth
- Der arbejdes lokalt - Check in / Check ud
- Mange services stilles til rådighed
- Mulighed for integration af software
- Benyttes af både flere Rådgivere samt Bygherre
- Differentiere rettigheder mellem Brugere/Grupper/Access lists



HVAD ER PROJECTWISE

- Folder



HVAD ER PROJECTWISE

- Folder
- Document

The screenshot shows the 'Model_2.dgn' Properties dialog box in ProjectWise. The 'General' tab is active, and the 'Document' section is highlighted with a red border. The 'Document' section contains the following fields:

| | | |
|--------------|----------------------|--------------------------|
| Name: | Model_2.dgn | <input type="checkbox"/> |
| Description: | Model_2 | |
| Version: | <input type="text"/> | Workflow: |
| Sequence: | 0 | State: |
| Application: | MicroStation | Department: <none> |
| Status: | Checked In | Node: |
| Out to: | | On: 2018-11-03 15:17:27 |
| Created By: | THBN | On: 2018-11-03 15:17:28 |
| Updated By: | THBN | |

The 'File' section contains the following fields:

| | | |
|------------------|-------------|-------------------------|
| File Name: | Model_2.dgn | Advanced |
| File Size: | 34.00 KB | Storage: Storage |
| File Updated By: | THBN | On: 2018-11-03 15:17:27 |

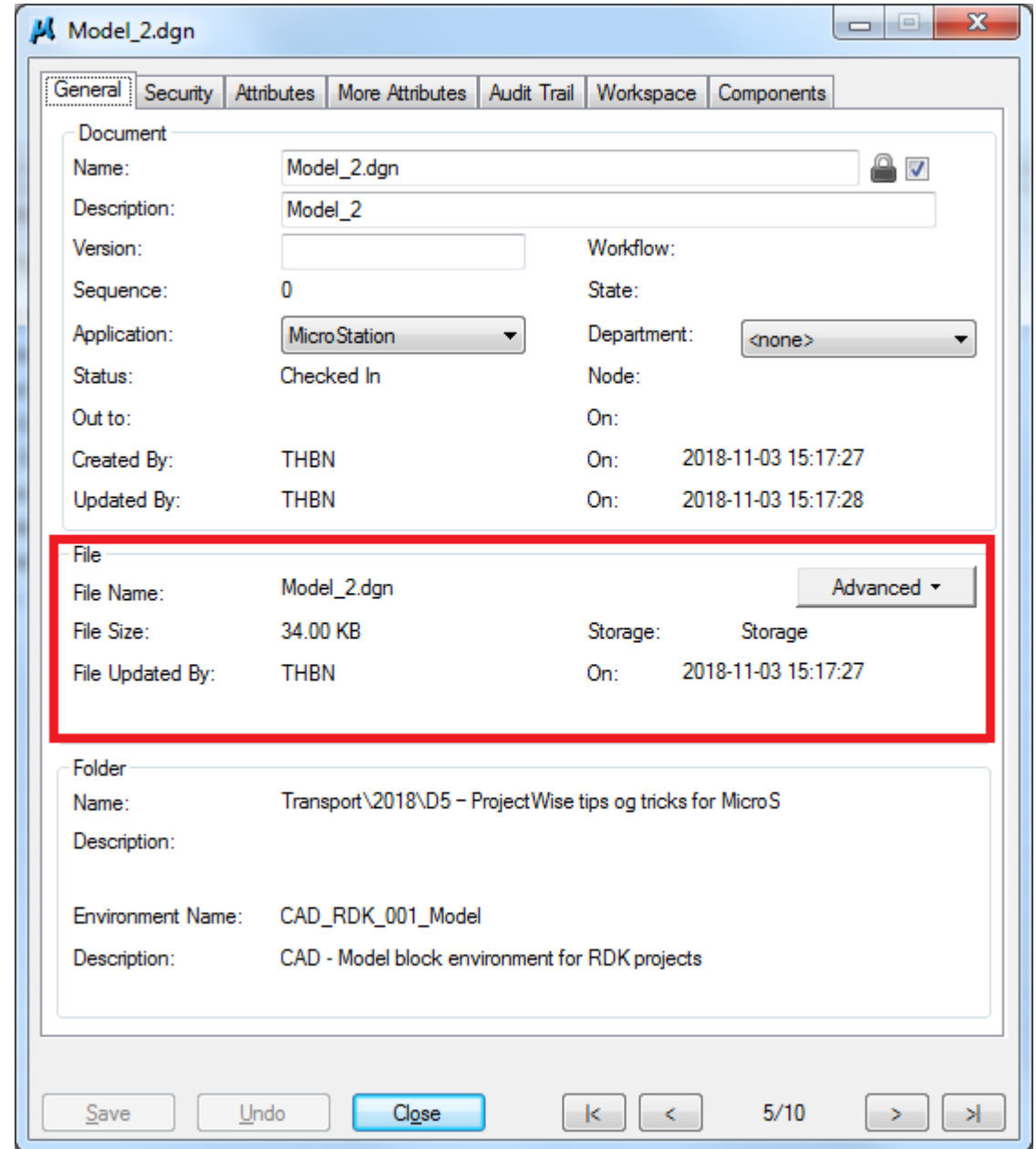
The 'Folder' section contains the following fields:

| | |
|-------------------|---|
| Name: | Transport\2018\D5 - ProjectWise tips og tricks for MicroS |
| Description: | |
| Environment Name: | CAD_RDK_001_Model |
| Description: | CAD - Model block environment for RDK projects |

At the bottom of the dialog, there are buttons for 'Save', 'Undo', 'Close', and navigation arrows. The page number '5/10' is also visible.

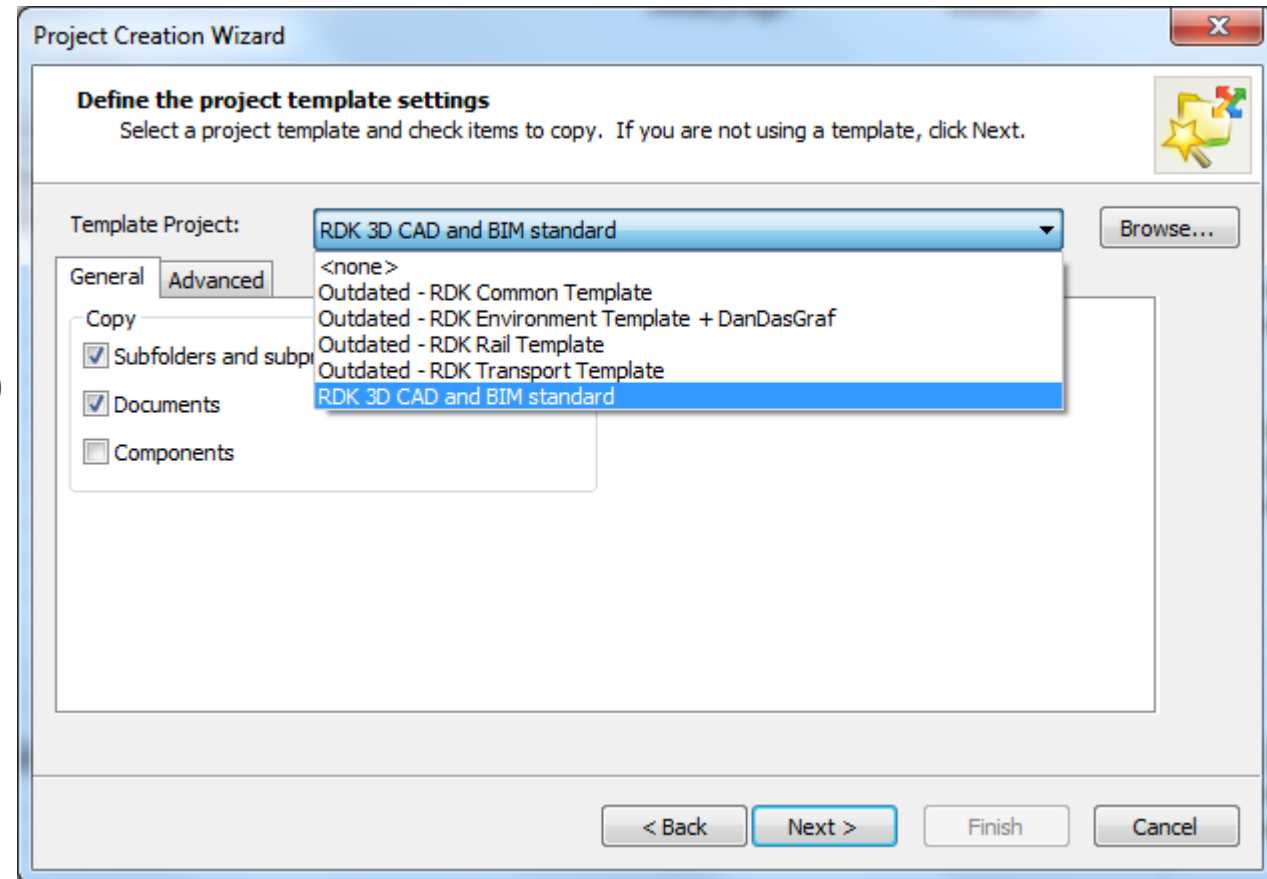
HVAD ER PROJECTWISE

- Folder
- Document
- File



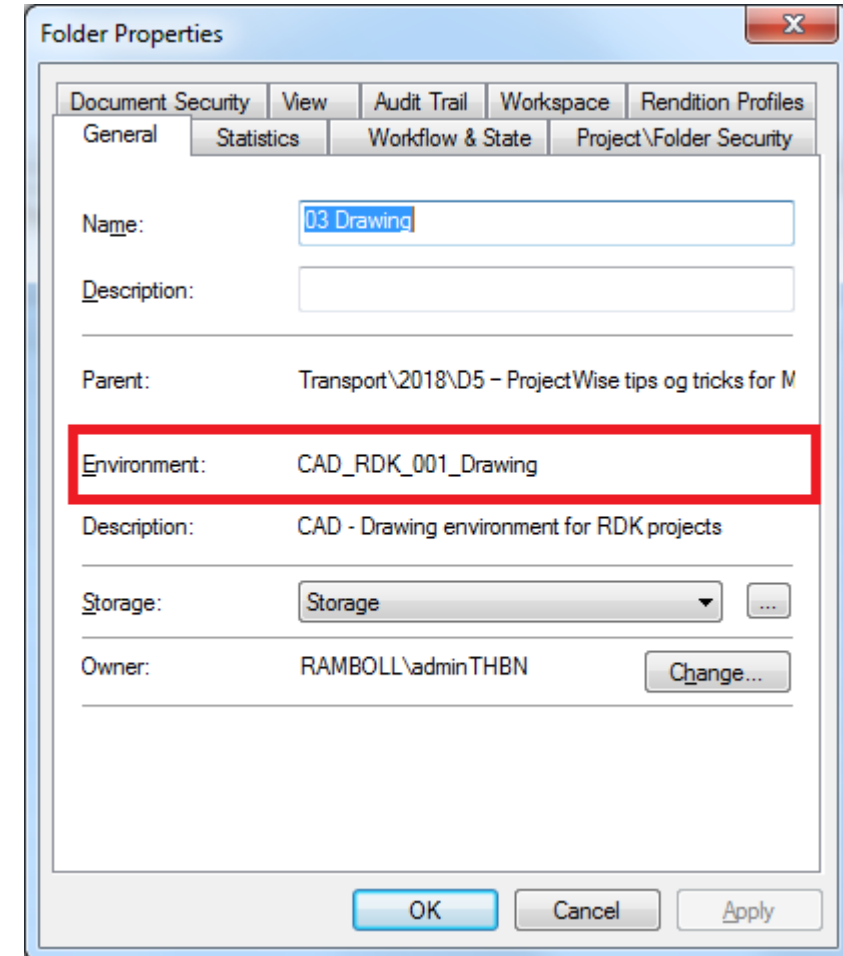
PROJECT TEMPLATE

- Mulighed for at predefinere
 - Folderstruktur
 - Managed Workspace
 - Project Type (proj. Nr., proj. navn etc.)
 - Ressourcer (Environment, Views, Rendition etc.)
 - Rettigheder
- ProjectWise Administrator



ENVIRONMENT

- Attributter på ProjectWise dokumenter
- Defineres på Folder
- Defineres at ProjectWise administrator
- Der kan oprettes Globale og Personlige Views
- Der kan søges på attributter
- Default værdier – eksempelvis fra Project Properties
- Kan eksporteres til excel
- Synkroniseres frem og tilbage mellem CAD filer
- Gælder også for office dokumenter























MODIFY DOCUMENTS

The screenshot shows a software window titled "Model_5.dgn" with a tabbed interface. The "Attributes" tab is selected, displaying the "Model Block" configuration. The form includes the following fields:



























- Line 1:
- Line 2:
- Line 3:
- Designed:
- Date:
- Rev. Date:
- LOD:

At the bottom of the window, there are buttons for "Save", "Undo", "Close" (highlighted in blue), and navigation arrows. The page number "2/10" is also visible.

MODIFY DOCUMENTS

| Name | Delete | File Name | Description |
|---|--------------|-------------|-------------|
|   Model_6.dgn | Modify... | Model_6.dgn | Model_6 |
|   Model_5.dgn | Add Comment | Model_5.dgn | Model_5 |
|   Model_4.dgn | | Model_4.dgn | Model_4 |
|   Model_3.dgn | Set | Model_3.dgn | Model_3 |
|   Model_2.dgn | Send To | Model_2.dgn | Model_2 |
|   Model_1.dgn | Copy List To | Model_1.dgn | Model_1 |
|   3_External | Attributes | | |
|   2_Survey | Change State | | |
|   1_Maps | | | |
|   0_ModelList | Batch Print | | |

VIEW

| Drawing no. | Contents, line 2 | Contents, line 4 | Paper Format | Scale of drawing | Checked - drawing | Date - drawing | R... | Rev. - revision |
|--|-------------------------------|------------------|--------------|------------------|-------------------|---------------------|------|-----------------|
|   | | | | | | | | |
|   | | | | | | | | |
|   H-TA-2200 | CAD/BIM RDK Transport & Water | Storm Drainage | 594x1050 | 1:500 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TA-2300 | CAD/BIM RDK Transport & Water | Drainage plan | 594x840 | 1:500 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TA-3700 | CAD/BIM RDK Transport & Water | Afløb - længd... | 297x630 | 1:50 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TA-3701 | CAD/BIM RDK Transport & Water | Storm drainag... | 297x1050 | 1:50 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TA-3800 | CAD/BIM RDK Transport & Water | Normaltværnsnit | 297x1470 | 1:50 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TA-3900 | CAD/BIM RDK Transport & Water | Manhole detail | 297x420 | 1:20 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TA-8800 | CAD/BIM RDK Transport & Water | Normaltværnsnit | 297x1050 | 1:50 | RKN | 2018-09-01 00:00:00 | 0 | |
|   H-TK-0100 | CAD/BIM RDK Transport & Water | Base map | 594x840 | 1:500 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TK-0101 | CAD/BIM RDK Transport & Water | Cadastral map | 594x840 | 1:500 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TK-0102 | CAD/BIM RDK Transport & Water | Orthofoto | 594x840 | 1:500 | JRA | 2018-09-01 00:00:00 | 0 | |
|   H-TK-0300 | CAD/BIM RDK Transport & Water | Contour | 594x840 | 1:500 | JRA | 2018-09-01 00:00:00 | 0 | |

ATTRIBUTE EXCHANGE

- Synkronisering mellem ProjectWise og MicroStation
- Tegningsskilt
- Modelskilt
- "Formatering" kan defineres ved exchange
 - YYYY-MM-DD → DD.MM.YYYY
- Defineres af ProjectWise Administrator, men bør defineres i samråd brugerne

ATTRIBUTE EXCHANGE

Environment (ProjectWise)

- Attribut 1
- Attribut 2
- Attribut 3
- Attribut 4
- Attribut 5
- Attribut 6

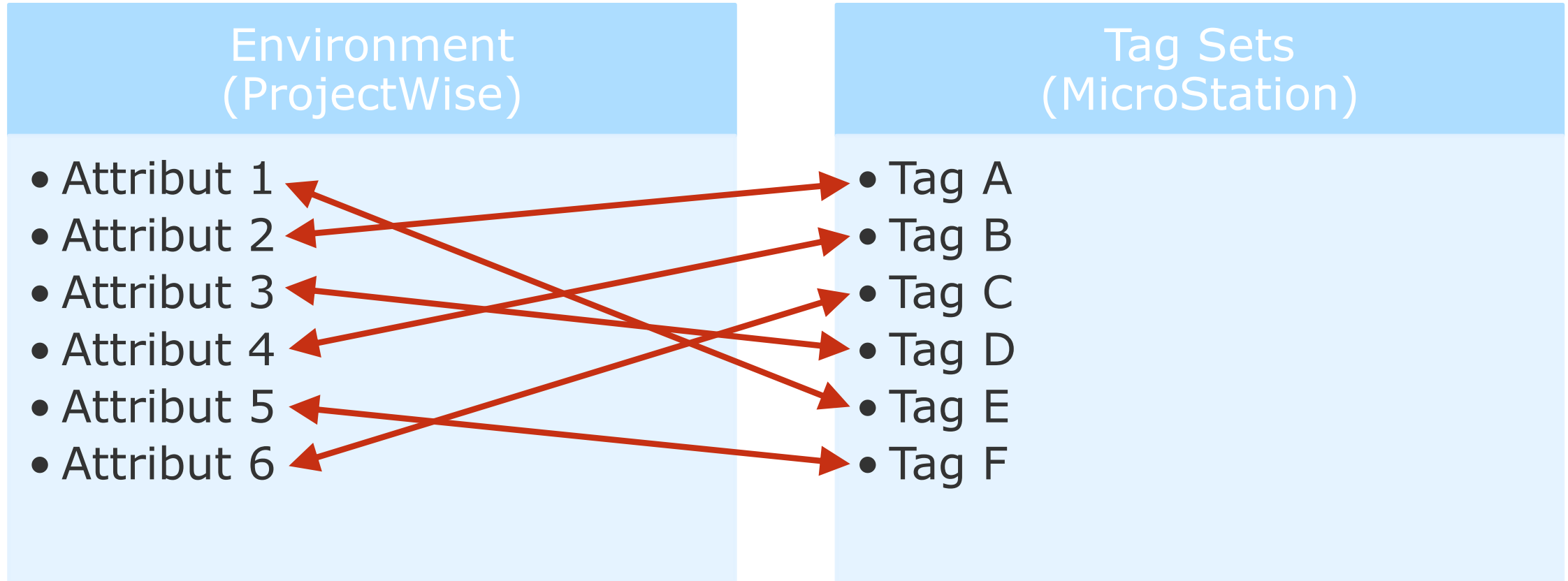
Tagset (MicroStation)

- Tag A
- Tag B
- Tag C
- Tag D
- Tag E
- Tag F

ATTRIBUTE EXCHANGE

Microstation Key-in:

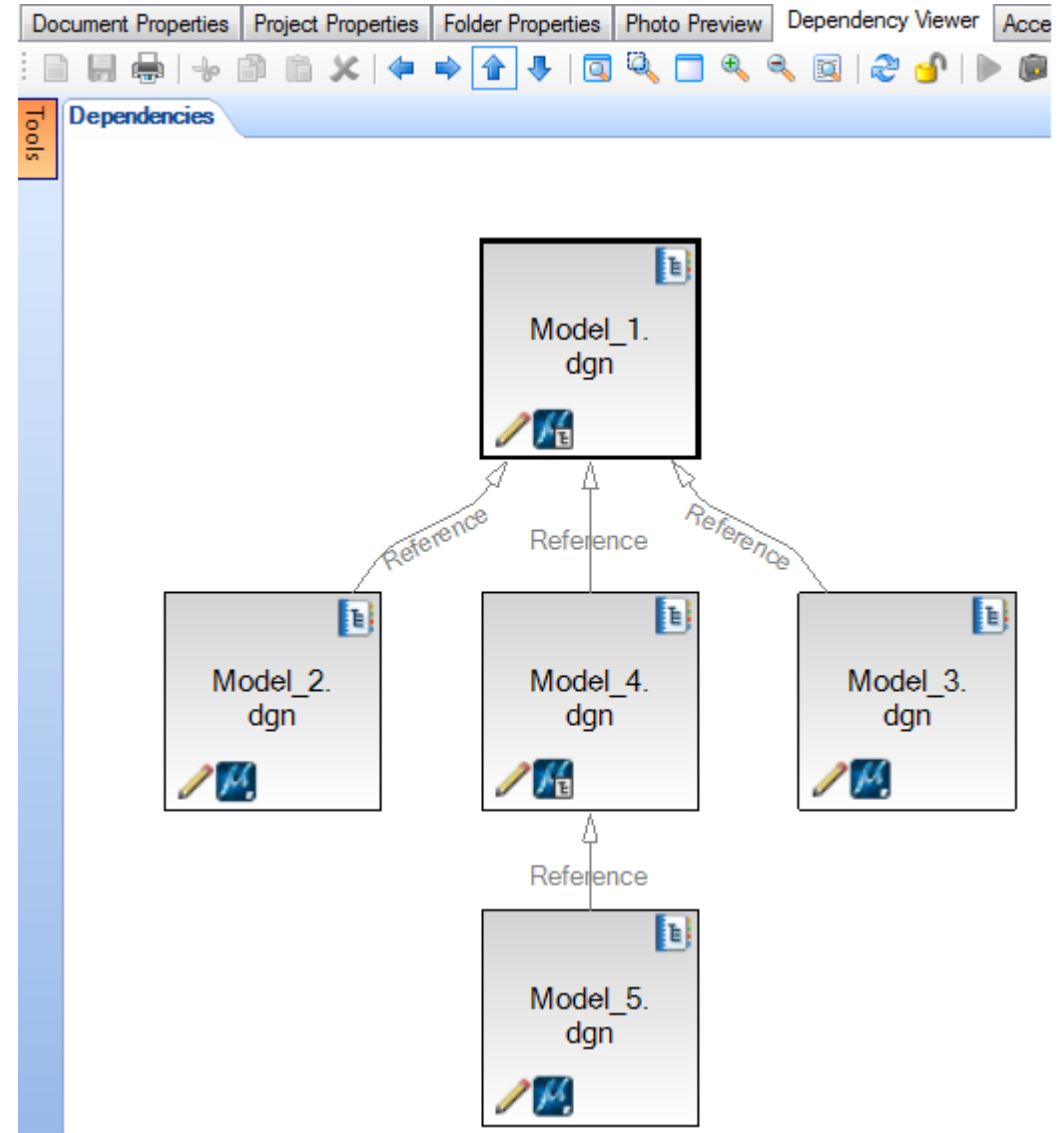
- TITLEBLOCK UPDATEDMS
- TITLEBLOCK UPDATENOW
- TITLEBLOCK MODIFY



Navne på Tag Sets / Tags må ikke ændres

OVERBLIK OVER REFERENCER

- Show References
- Referenced by
- Dependency Viewer



LOCAL DOCUMENT ORGANIZER

- Checked out Documents
- Copies
- Exports
- Workspace Copies
- Purge Copies

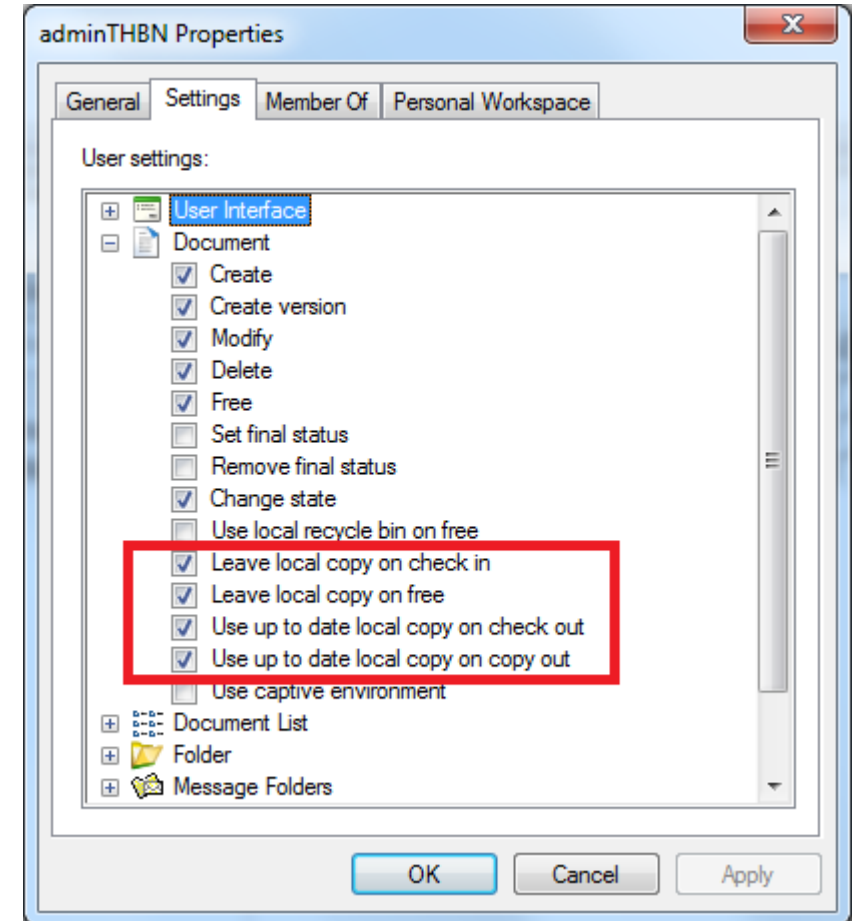
LOCAL DOCUMENT ORGANIZER

The screenshot shows the 'Local Document Organizer - Copies' application window. It features a menu bar with 'Organizer', 'View', and 'Action'. Below the menu is a toolbar with various icons. A 'Filters' section contains dropdown menus for 'Datasource' (set to 'RamDK') and 'Node' (set to 'rdk105337'), along with a 'Folder' text field and a browse button. The main area is a table with columns: Name, Description, Type, File Name, Folder Name, Local File ..., File ..., and Time Fetched. The table lists several CAD files and drawings, all marked as 'Copied Out'. A status bar at the bottom left indicates '1390 object(s)'.

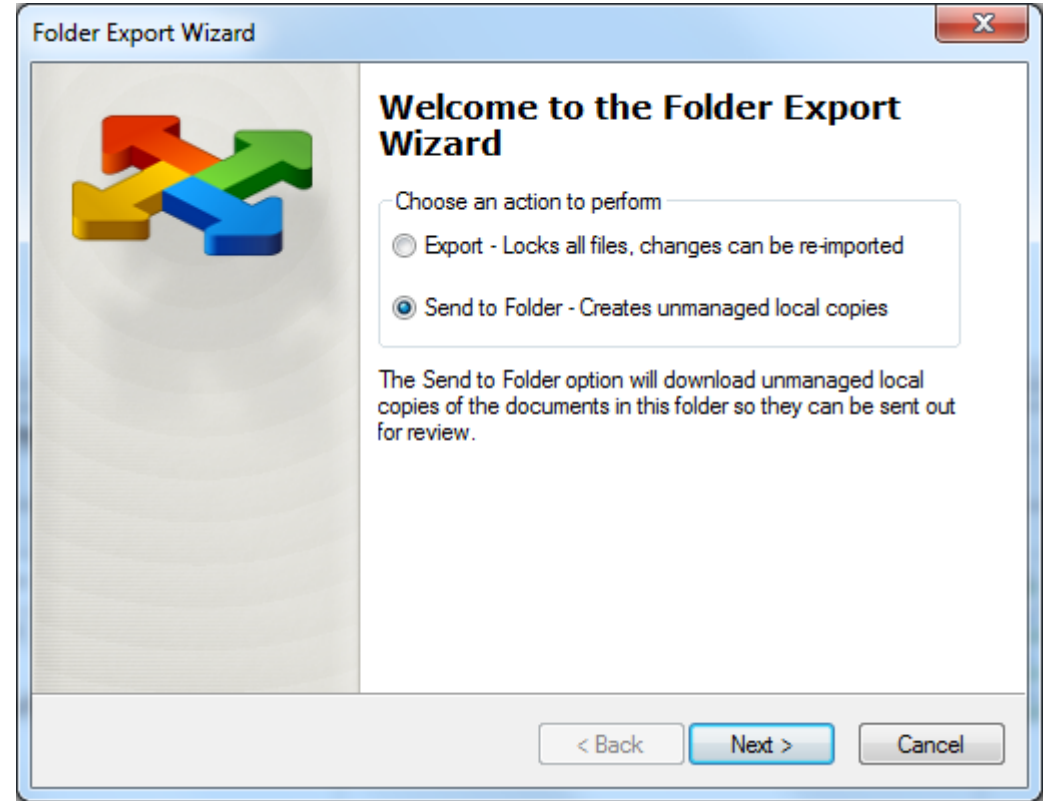
| Name | Description | Type | File Name | Folder Name | Local File ... | File ... | Time Fetched |
|--------------------|----------------|------------|--|----------------|----------------|----------|---------------------|
| Model_1.dgn | Model_1 | Copied Out | c:\pwwork\ramdk\thbn\d0321932\Model_1.dgn | 01 Model | | | 2018-11-05 14:39:06 |
| Model_2.dgn | Model_2 | Copied Out | c:\pwwork\ramdk\thbn\d0321932\Model_2.dgn | 01 Model | | | 2018-11-05 14:25:22 |
| Model_4.dgn | Model_4 | Copied Out | c:\pwwork\ramdk\thbn\d0321932\Model_4.dgn | 01 Model | | | 2018-11-05 14:12:41 |
| Model_6.dgn | Model_6 | Copied Out | c:\pwwork\ramdk\thbn\d0321932\Model_6.dgn | 01 Model | | | 2018-11-05 14:10:32 |
| Drawing_1.dgn | Drawing_1 | Copied Out | c:\pwwork\ramdk\thbn\d0321964\Drawing_1.dgn | 03 Drawing | | | 2018-11-05 14:09:31 |
| Model_5.dgn | Model_5 | Copied Out | c:\pwwork\ramdk\thbn\d0321932\Model_5.dgn | 01 Model | | | 2018-11-05 14:09:09 |
| Drawing_1_.pdf | Drawing_1 | Copied Out | c:\pwwork\ramdk\thbn\d0321966\Drawing_1_.pdf | Plot Temporary | | | 2018-11-03 16:08:16 |
| Project_add_on.cfg | Project_add... | Copied Out | c:\pwwork\ramdk\thbn\d0321893\Project_add_on.cfg | Config | | | 2018-11-03 15:19:22 |
| CadStandard.cfn | CadStandard | Copied Out | c:\pwwork\ramdk\thbn\d0321893\CadStandard.cfn | Confin | | | 2018-11-03 15:19:14 |

LOCAL DOCUMENT ORGANIZER

- Hvis "leave local copy on free" er aktiv:
 - Hvis en anden bruger ændrer filen på serveren, hentes den opdaterede version og ikke den fra din working directory.
 - Hvis filen på serveren ikke er ændret, benyttes filen fra din working directory.
Medmindre du har valgt "purge local copy"
 - Hvis filen på serveren ikke er ændret, vil der i Local Document Organizer være en indication på "Update Server Copy Required"
– altså, at filen på serveren ikke er up to date..



EXPORT / IMPORT



URL/URN

Model_5.dgn

Model_5.dgn

AUDIT TRAIL

boundary.dgn

General Security Attributes More Attributes **Audit Trail** Workspace Components

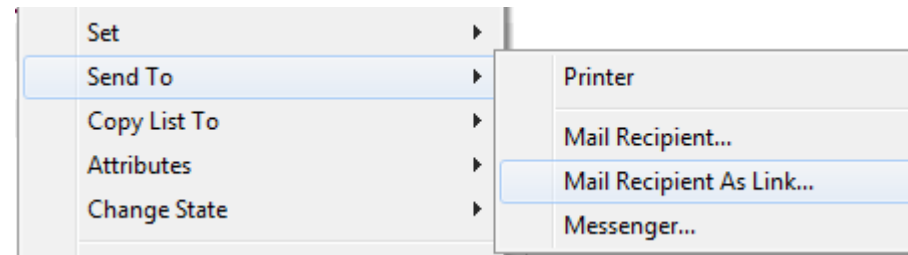
Records from anytime

| Action Name | Date/Time | User Name | Additional Data | Comments |
|--------------|---------------------|-----------|---------------------------------|----------|
| Checked out | 2018-09-18 11:24:42 | THBN | | |
| Checked in | 2018-09-18 11:41:00 | THBN | Copy left | |
| Member added | 2018-09-18 11:41:00 | THBN | Member document 'Alignment.dgn' | |
| Member added | 2018-09-18 11:41:00 | THBN | Member document 'corridor.dgn' | |
| Checked out | 2018-09-18 12:34:52 | THBN | | |
| Checked in | 2018-09-18 12:41:09 | THBN | Copy left | |

Customize... Save As... Print...

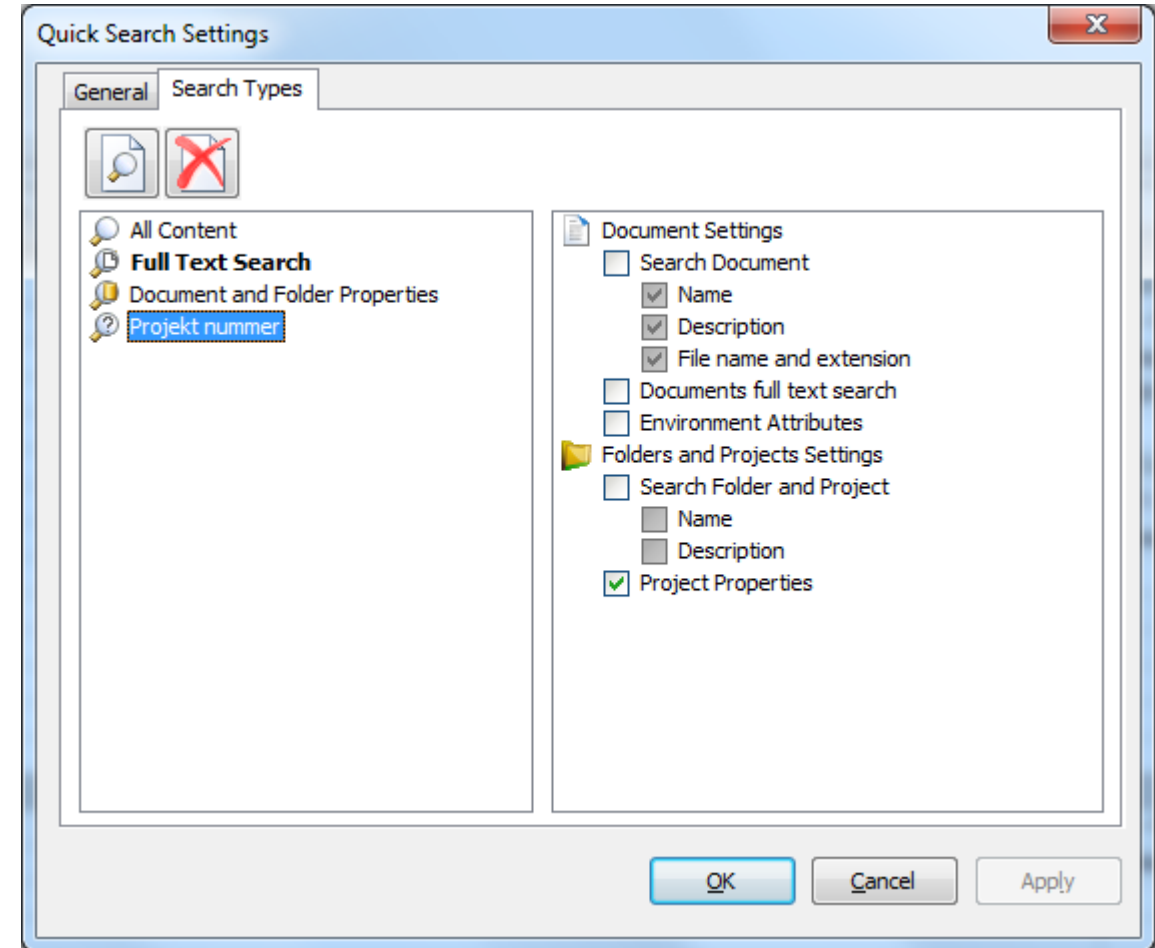
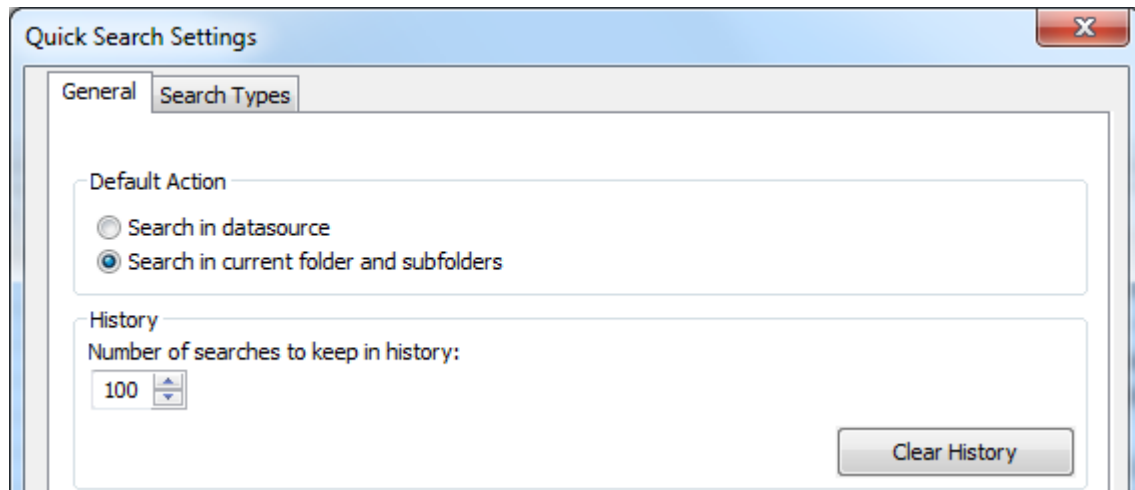
Save Undo Close < < 42/43 > >

MAIL



SØGE FUNKTIONER

- Quick search
 - Tjek settings
 - Search Types
 - Full tekst gælder og tekst i CAD filer + PDF
 - CASE sensitivity ? Administrator indstilling.



SØGE FUNKTIONER

Search by Form - RamDK

General | Attributes | More Attributes | Full Text

Document

Name: []

Description: []

Version: []

Sequence: [] Only Current

Application: <none>

Status: <none>

Status set by: <none>

Created By: <none>

Updated By: <none>

Workflow: <none>

State: <none>

Department: <none>

Out to: <none>

On: []

On: []

On: BETWEEN '2018-10-08' AN []

File

File Name: []

File Size: []

File Updated By: <none>

Storage: <none>

On: []

Conflicts: []

Folder

Look in [] Change...

Include subfolders

Name: []

Description: []

Environment Name: CAD_RDK_001_Drawing Change...

Find in this Environment only

Look For Add OR Group Clear Saved Search

OK Cancel Apply Show results in new window

Updated

Format

Criteria

Field: Updated

Relation: BETWEEN

Value: 2018-10-08 AND 2018-10-10

00 00

Specify: Days Hours
 Minutes Seconds

OK Cancel

SMÅ HURTIGE

- Copy attributes
- Create Rendition
- Genvej – Drag and drop
- Custom Folders
- Show all versions