

MicroStation tips & tricks

Bentleyuser.dk 2017

TINE LAI ANDERSEN

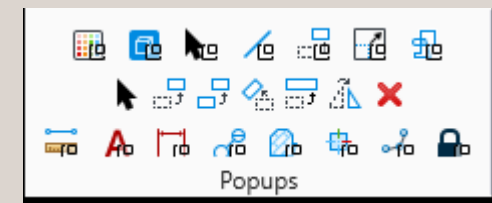
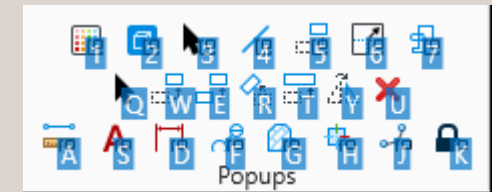


Popups panel

MicroStation Connect Edition

Tast <SPACE> og få Popups panelet frem

- Home Ribbon Panel
Attributes (1) Primary (2) Selection (3) Placement (4)
Manipulate (5) Modify (6) Groups (7)
- Manipulate Ribbon Panel
Selection (Q) Move (W) Copy (E) Rotate (R) Scale (T)
Mirror (Y) Delete (U)
- Annotation Ribbon Panel:
Measure (A) Text (S) Dimensions (D) Detailing (F)
- Drawing Aids Panel
Patterns (G) AccuDraw (H) Snaps (J) Locks (K)

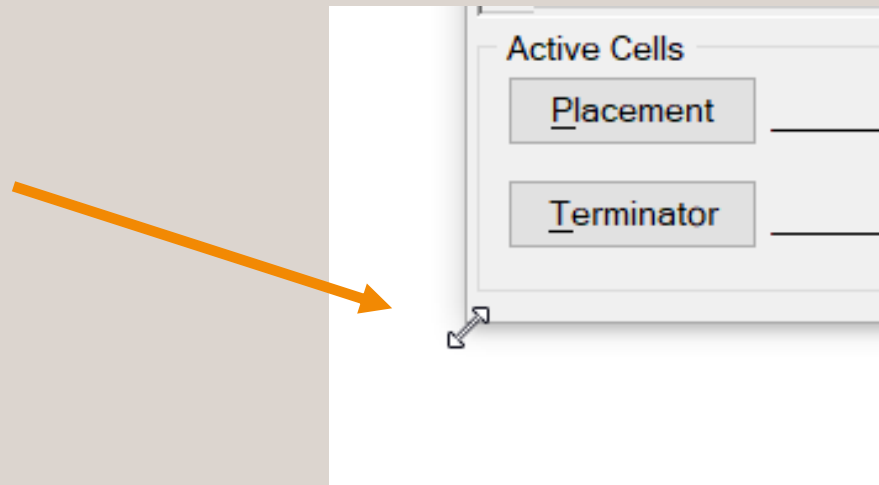


Flyt dialogboks

MicroStation V8i & Connect Edition

- Dialog bokse kan "sidde fast" i skærmens kanter, og hvis du forsøger at flytte den så vil den bare re-size dialogboksen. Og hvad gør man så?

Flyt musen ned i hjørnet, så den tror du vil skifte størrelse på dialogboksen. Hold <SHIFT> nede og brug venstre musetast til at flytte dialogboksen



Se stien til referencen

MicroStation V8i & Connect Edition

- Høyreklik i reference dialogboksen nederste grå felt, og velg hvilke informasjoner du gerne vil have vist

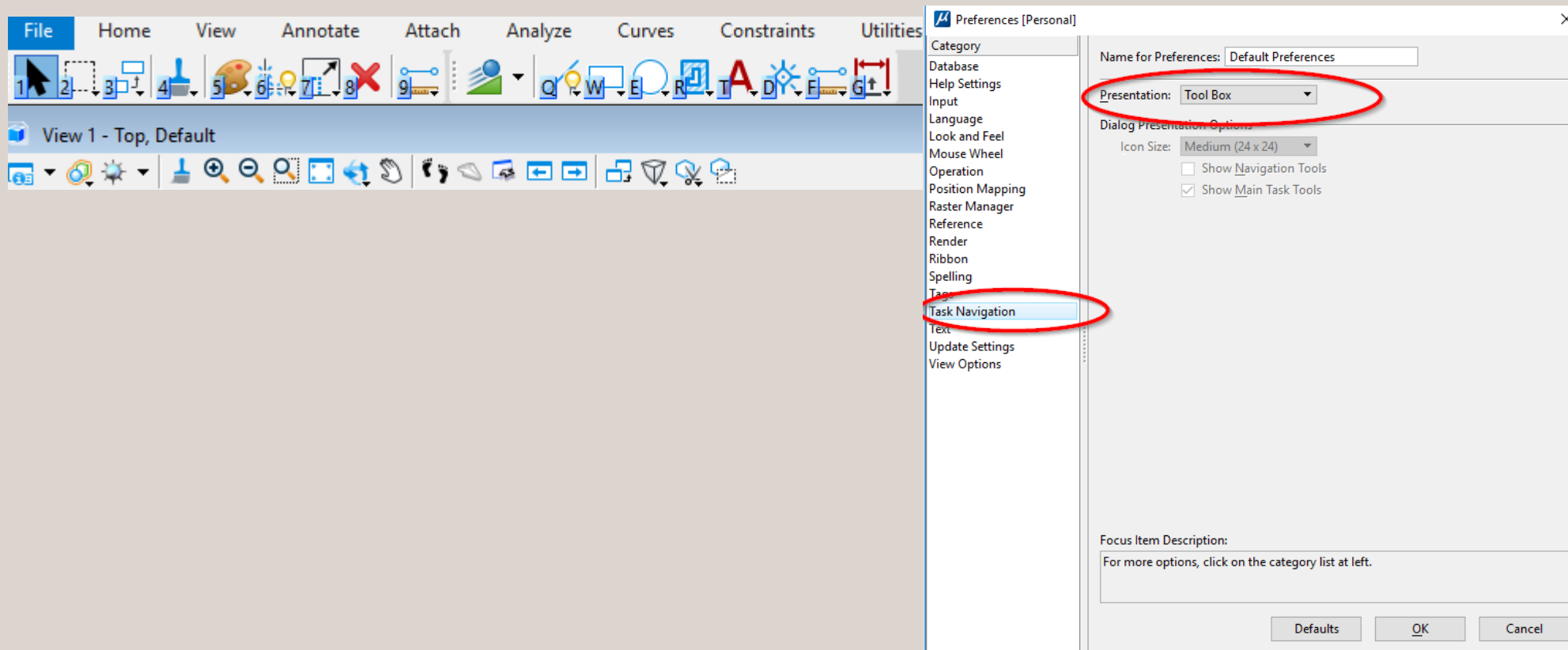
The screenshot shows the 'References' dialog box in MicroStation V8i & Connect Edition. The dialog is titled 'References (15 of 15 unique, 2 displayed)'. It features a 'Hierarchy' pane on the left showing 'Master.dgn, 3D Metric Design Model'. The main area contains a table of references with columns: Slot, File Name, GeoCS, Model, Description, Logical, Orientation, Presentation, Revision, and Elen. Below the table are fields for Scale (1.000000), Rotation (0°), and Offset (X: 0.000, Y: 0.000, Z: 0.000). A red circle highlights the file path field containing 'c:\programdata\bentley\microstation connect edition\configuration\workspaces\example\worksets\metrostation\dgn\gisdata\gisdata.dgn'. A context menu is open over this field, with 'Full Path' selected. A red arrow points to the 'Full Path' option in the menu.

Slot	File Name	GeoCS	Model	Description	Logical	Orientation	Presentation	Revision	Elen
15	..GISData\GISData.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	
14	Alignment.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	
1	Architectural.dgn	✓ ...\3152	✓ 3D Metric Desi...	Aligned with Master File		Coincident	Wireframe	No History	
13	CableTrays.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	
12	ConnectingTunnels.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	
11	DEM.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	
10	MainTunnel.dgn	✓ ...\3152	✓ 3D Metric Desi...	Aligned with Master File		Coincident	Wireframe	No History	
9	Piping.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	
2	Platform.dgn	✓		Aligned with Master File		Coincident	Wireframe	Latest avail...	

Brugerfladen

MicroStation Connect Edition

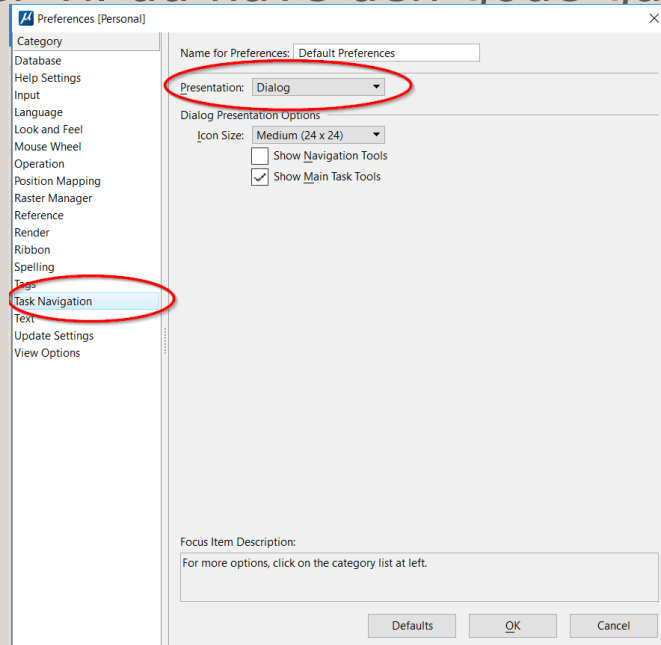
- Er du til den "gamle" brugerflade og tasken i en minimeret udgave?



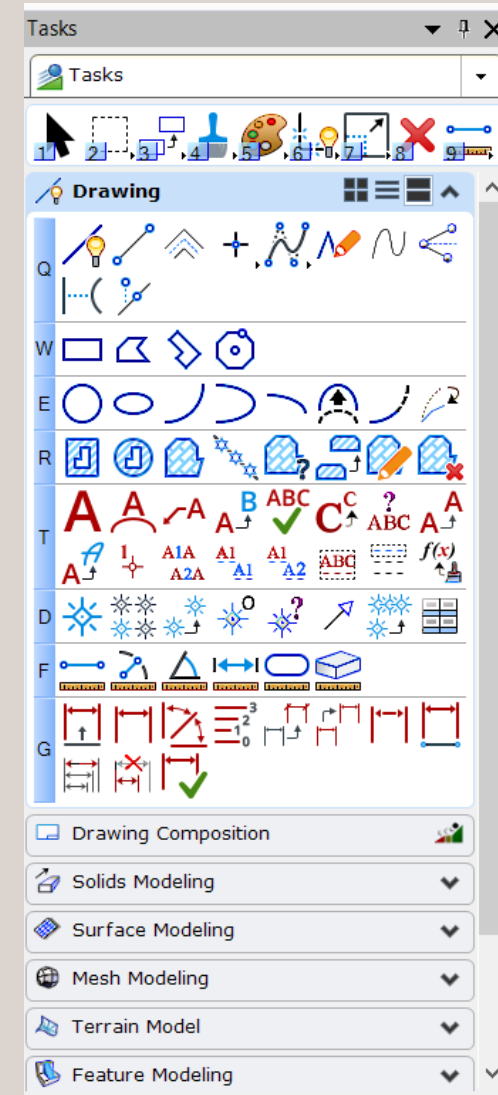
Brugerfladen

MicroStation Connect Edition

- Eller vil du have den gode gamle Task menu frem?



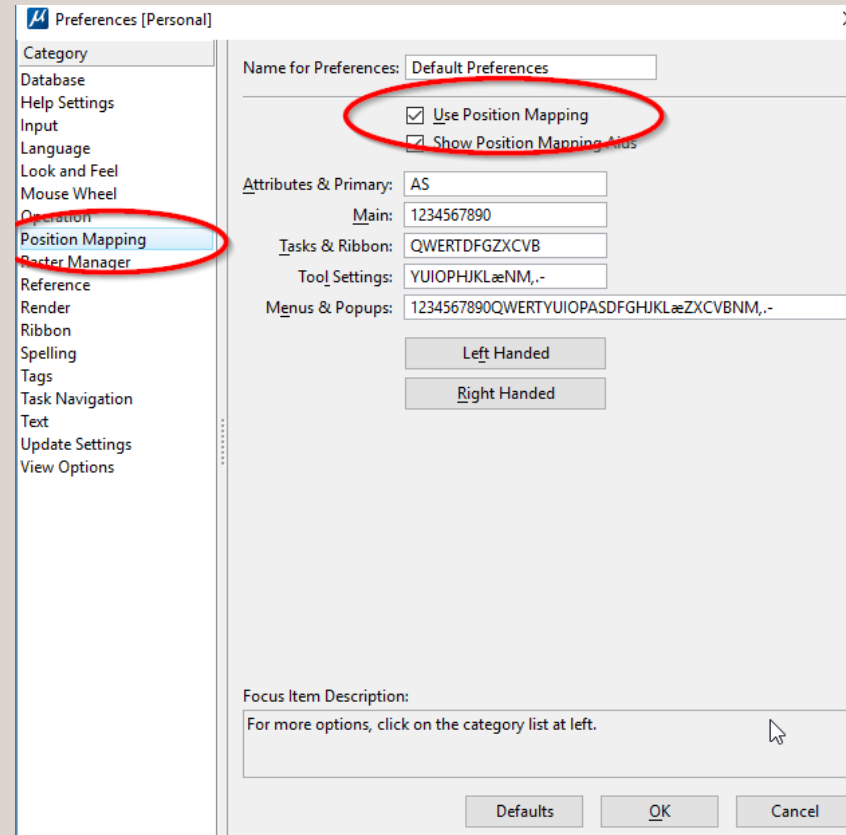
* Eller sættes vha. configuration variable:
MS_TASKNAVIGATION_CONFIGURATION = 1



Position mapping

MicroStation Connect Edition

- Få Position mapping og de "gamle" shorts tilbage



Zoom til valgte elementer

MicroStation V8i & Connect Edition

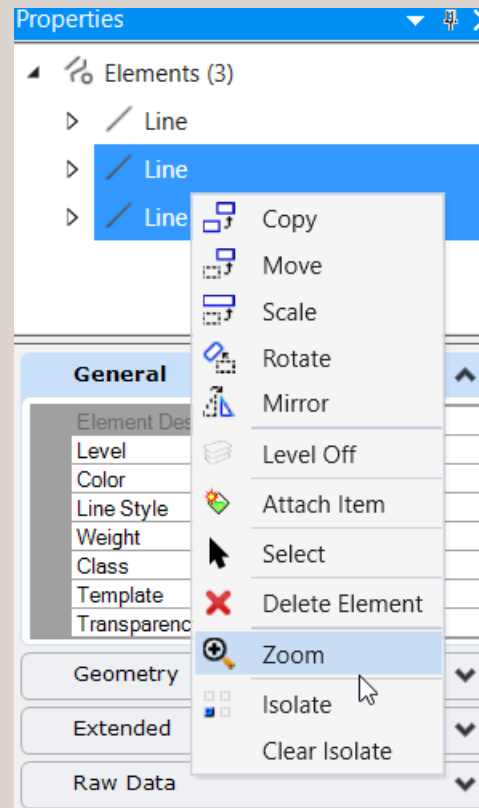
- **Connect Edition**

Properties dialog →
Marker elementer →
Højreklik → Zoom

- **MicroStation V8i**

Keyin:

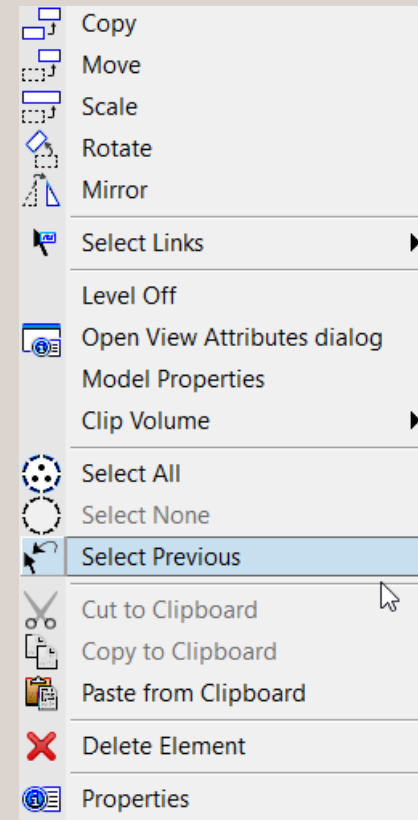
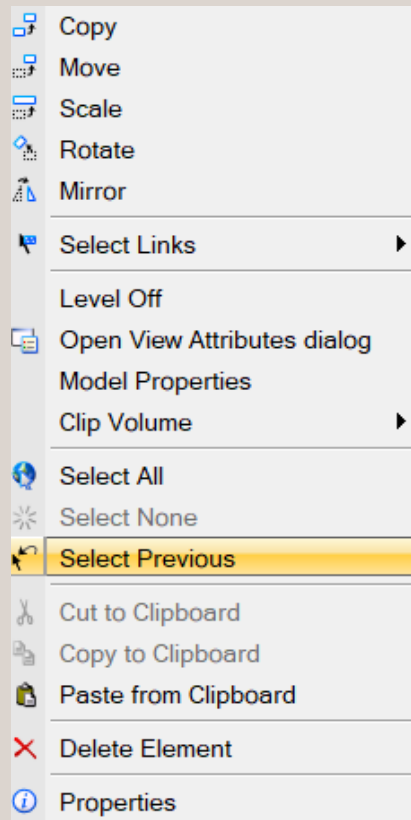
```
set displayset on;selview 1;  
displayset set selection;fit all;  
point ab;displayset clear;  
update view extended
```



Select Previous

MicroStation V8i & Connect Edition

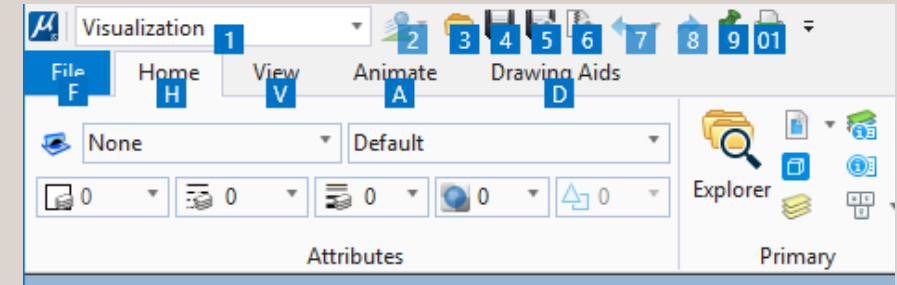
- Laaangt højreklik → Select Previous



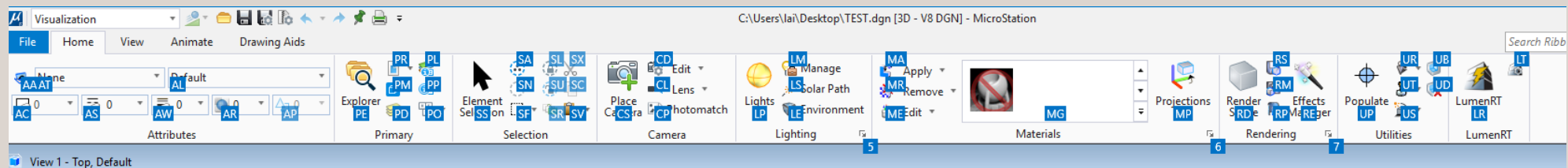
Function keys

MicroStation Connect Edition

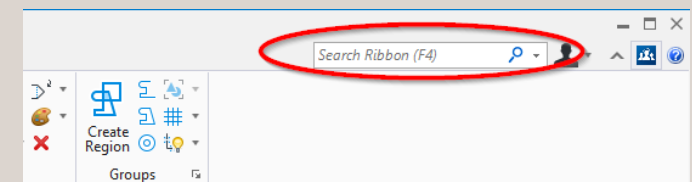
• F2 = ribbon activatekeytips =



• F3 = ribbon activetabkeytips =



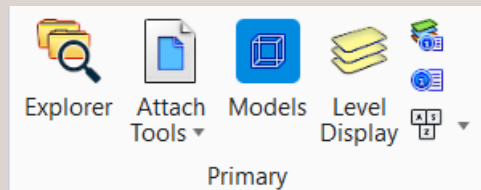
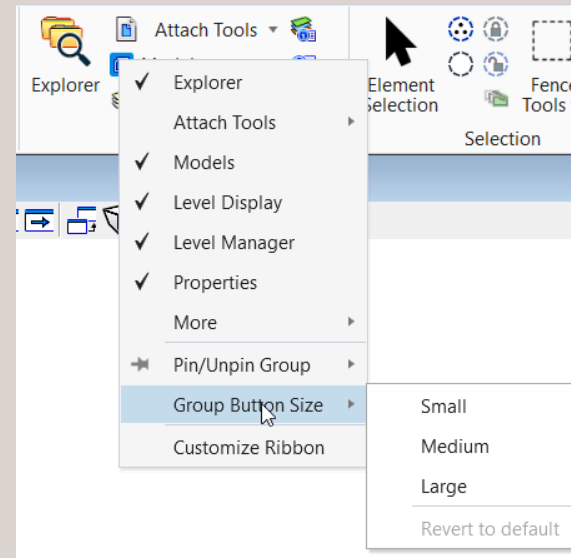
• F4 = ribbon focussearch = Søg



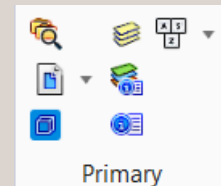
Group button size

MicroStation Connect Edition

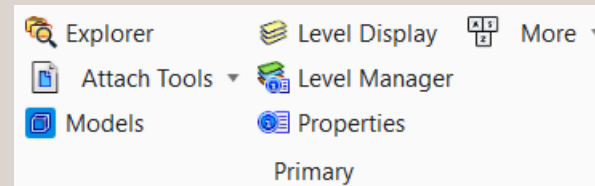
- Højreklik på et blankt sted på din Ribbon → Vælg Group Button Size



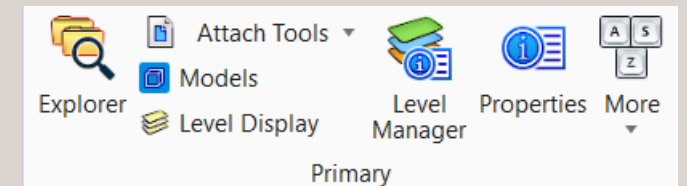
Default



Small



Medium



Large

Connect Advisor Settings

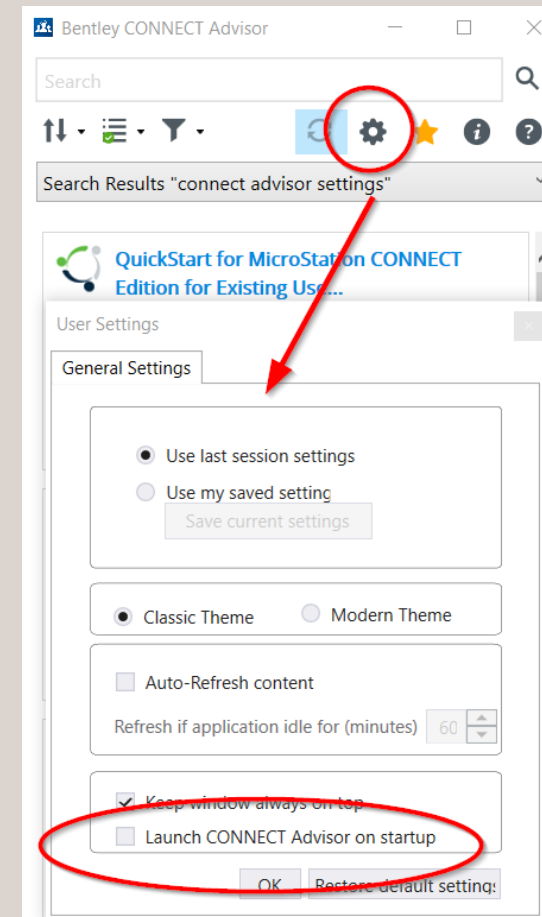
MicroStation Connect Edition

Man kan slå Connect Advisor fra når man launcher MicroStation, og dermed øges performance...

I Bentley Connect Advisor vælg:

Settings → Fjern fluebenet ud for:

Launch CONNECT Advisor on startup



LEVEL Purge

MicroStation V8i & Connect Edition?

Denne key-in kommando vil:

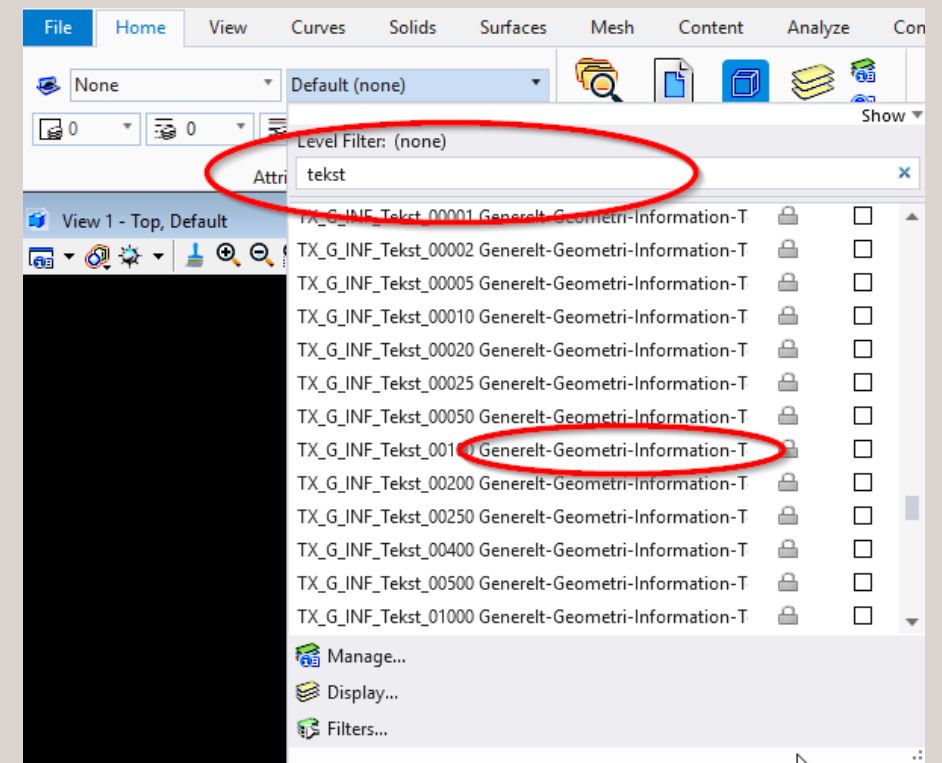
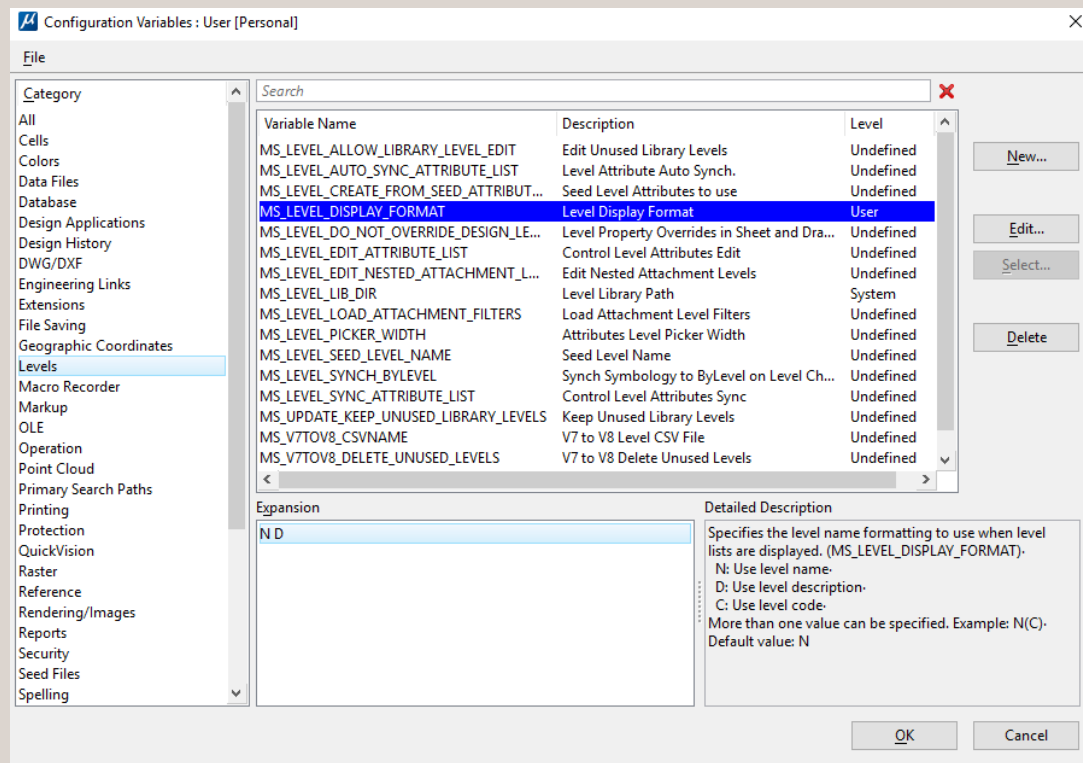
1. Slette ALLE levels i din design fil
2. Eventuelle elementer flyttes til "default" level

Så vær varsom og tænk før du burger kommandoen...



Display level description and search

MicroStation Connect Edition



Rotér dit view efter et element

MicroStation V8i & Connect Edition

1. Keyin ROTATE VIEW ELEMENT
2. Klik på det element som viewet skal roteres efter

Eller er du til AccuDraw...?

MicroStation V8i

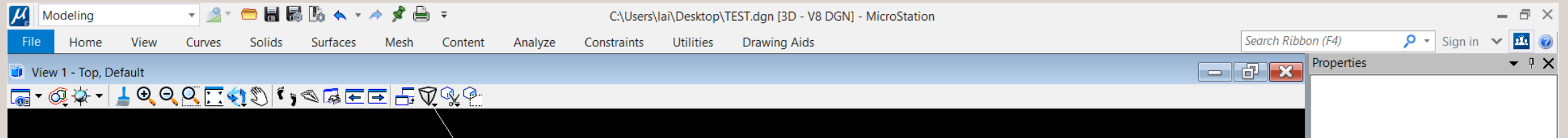
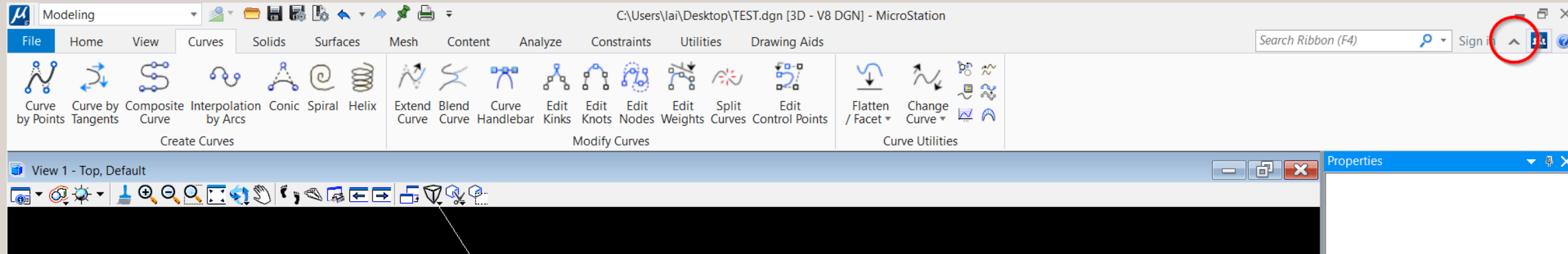
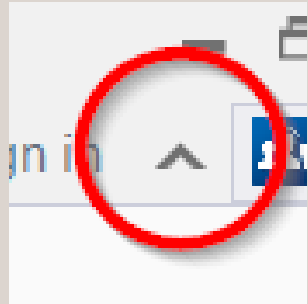
1. RE → RV

MicroStation Connect Edition

1. Opret din egen AccuDraw shortcut (RV = AccuDraw Rotate OrientView)
2. RE → RV

Minimize ribbon

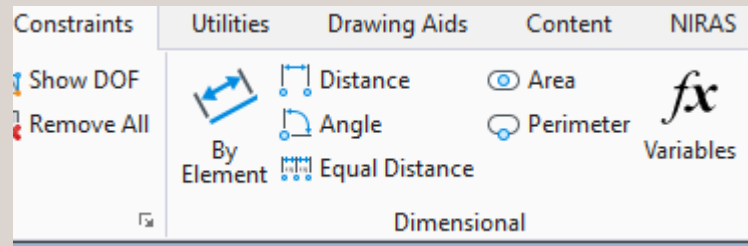
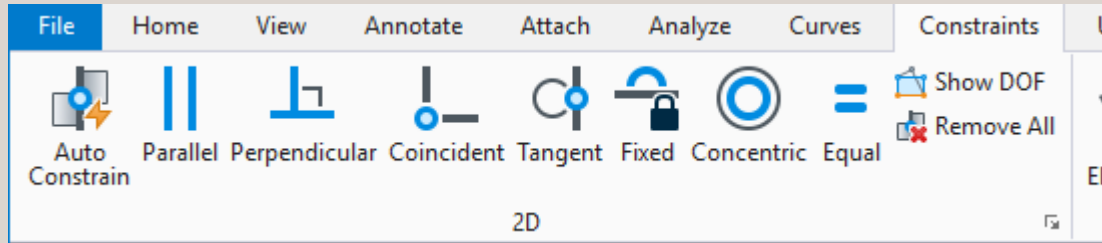
MicroStation Connect Edition



- * Du kan også bare dobbeltklikke på ribbon tab (menupunktet) så minimere eller maksimerer den ribbon.

Constraints

MicroStation Connect Edition



Baggrundsfarve

MicroStation V8i & Connect Edition

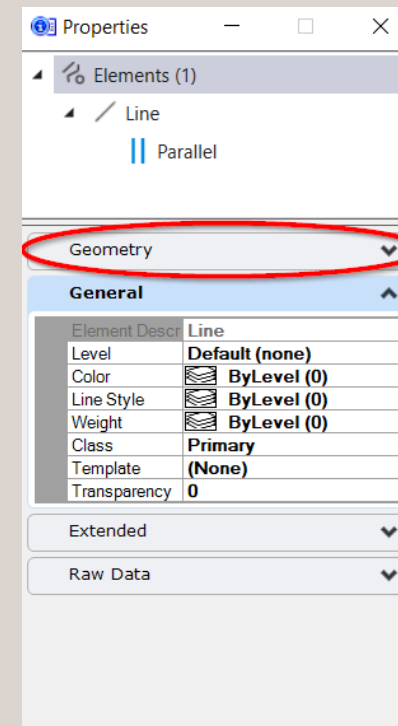
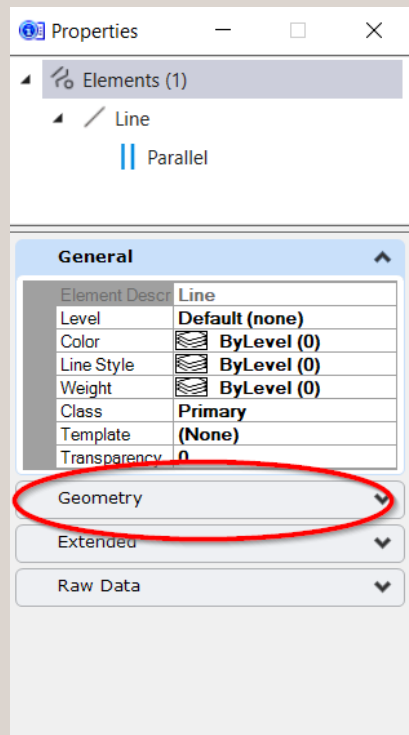
- Ønsker du en særlig farve på dine sheets eller dine drawing modeller?
 - `MS_DEFAULTSHEETRGB = R,G,B`
 - `MS_DEFAULTDRAWINGRGB = R,G,B`
- Disse værdier anvendes kun for nye modeller i filer, hvor der ikke i forvejen findes Sheets/Drawing models

*Man ser det ikke hvis man har sat baggrundsfarven under preferences..

Properties dialog

MicroStation Connect Edition

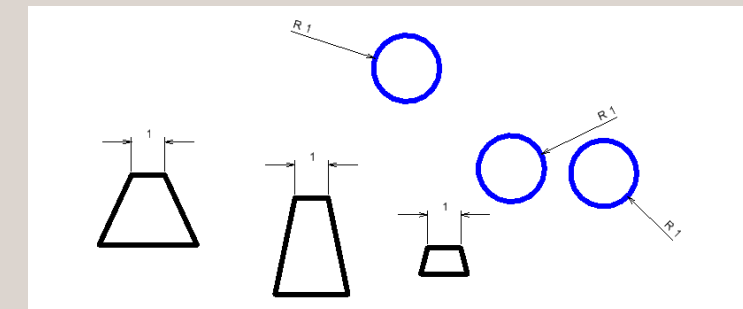
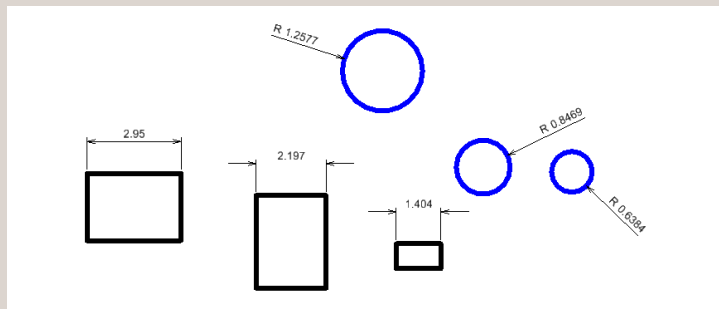
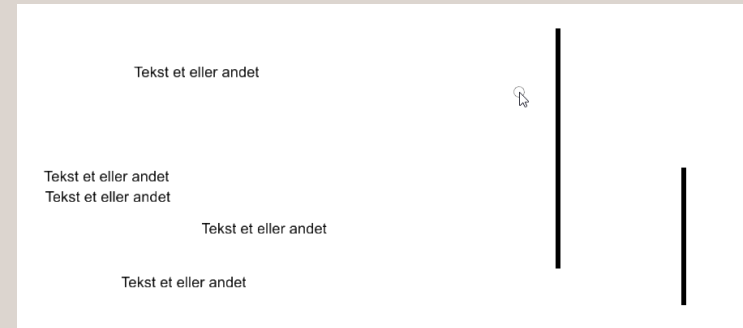
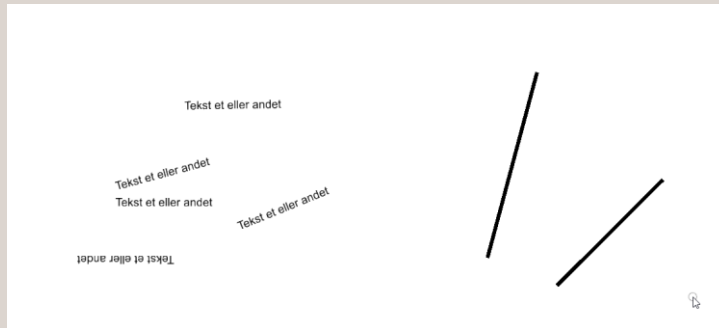
- Bestem selv hvilken rækkefølge tabs vises i → Drag'n drop...



Element info – ændring af elementer

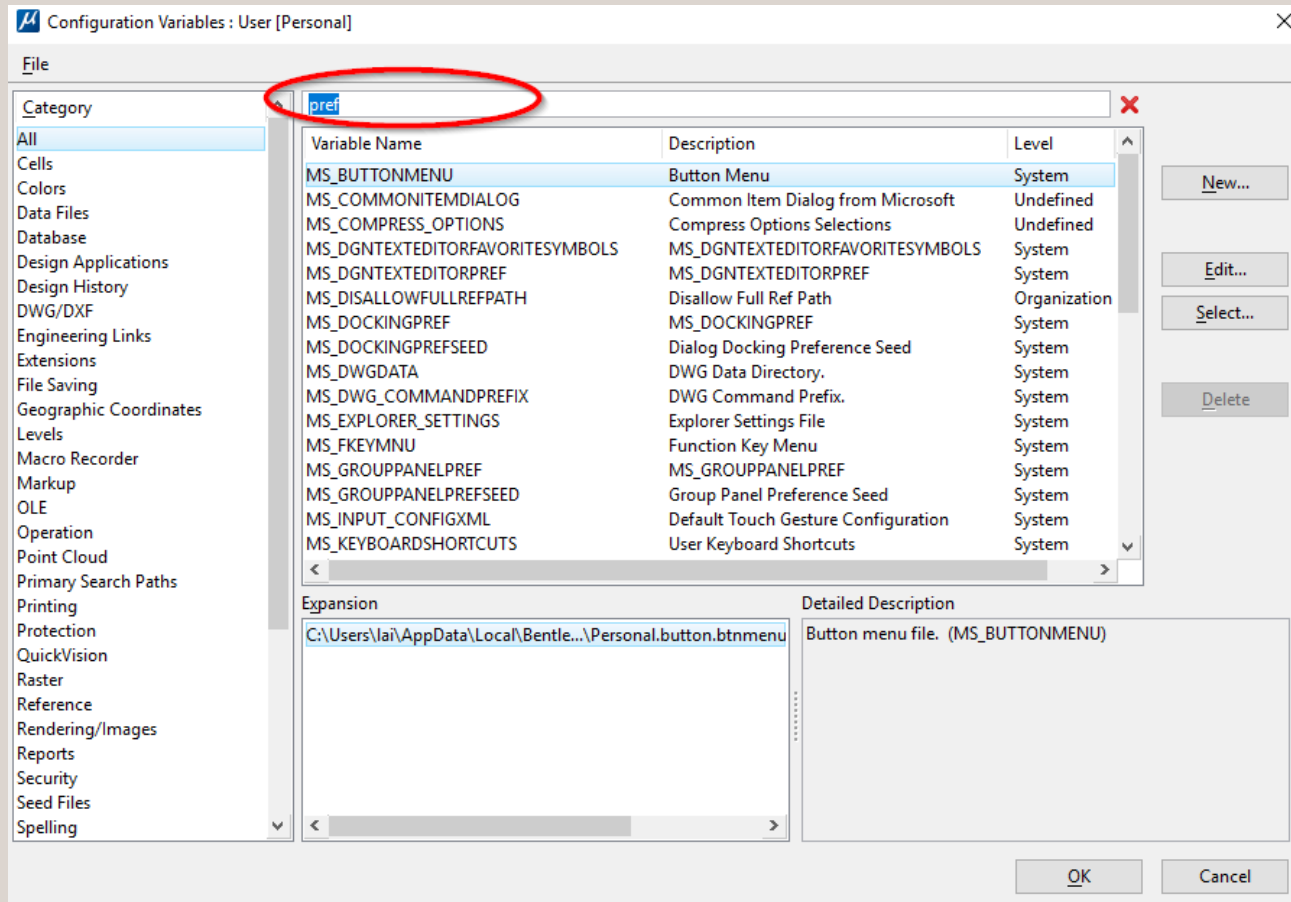
MicroStation V8i og Connect Edition

- Ændre vinkler
- Justere længder



Søg på konfigurationsvariabler

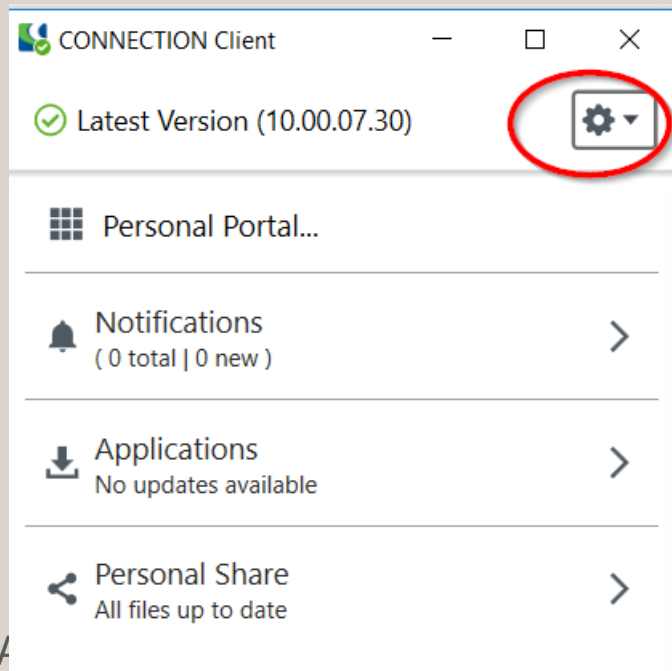
MicroStation Connection Edition



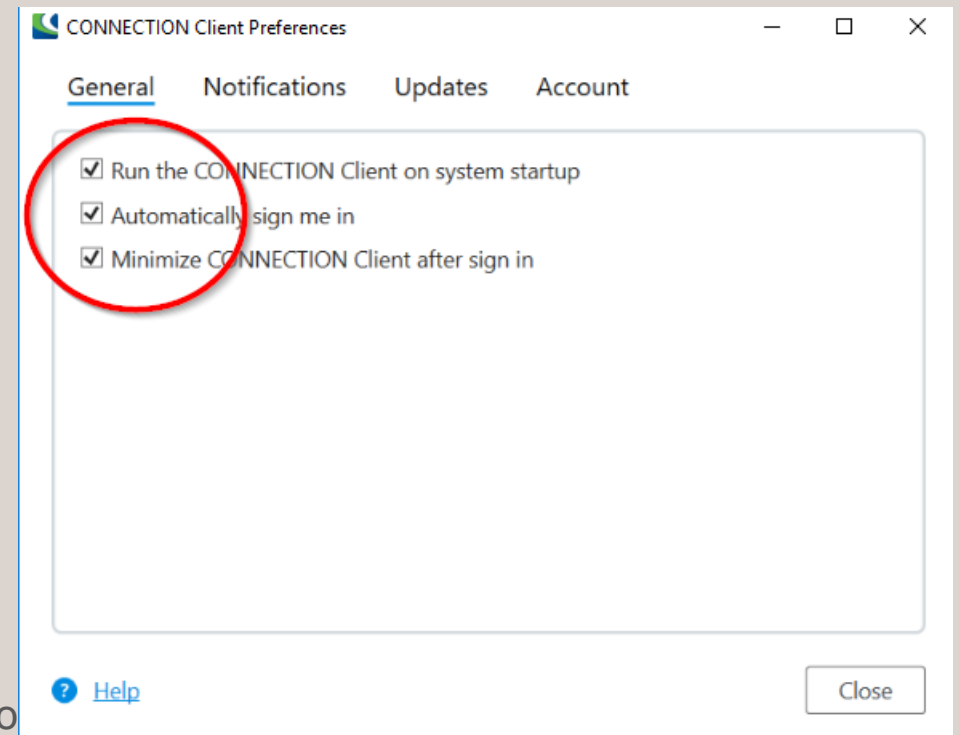
Connection Client

Connection Client

- Settings...



se så den ikke downloader o

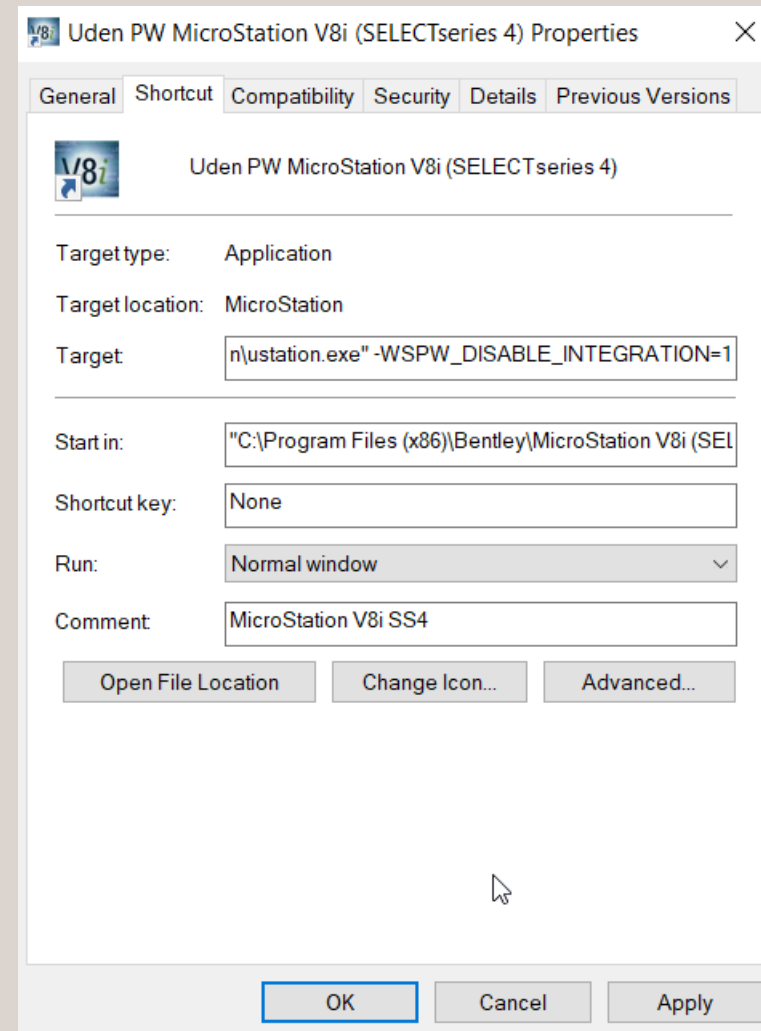


Disable ProjectWise på shortcut

- `-wsPW_DISABLE_INTEGRATION=0`



* Eller få din administrator til at disable integrationen når du starter MicroStation op fra desktoppen



Utålmodig eller går det for hurtigt?

MicroStation V8i & Connect Edition

MS_POPUPDIALOGCLOSEDELAY = Værdi

- Værdien er specificeret i "1/60 sekund" og skal defindes som et heltal.

Eksempelvis:

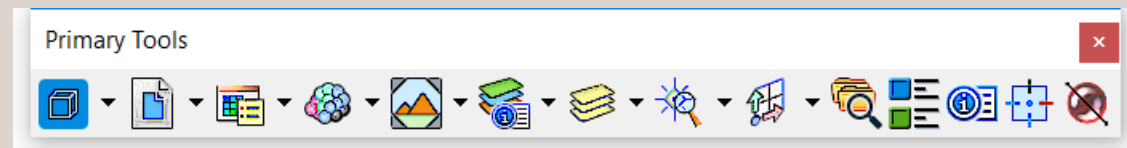
1 = 1/60 sekund

30 = 1/2 sekund (default setting)

60 = 1 sekund

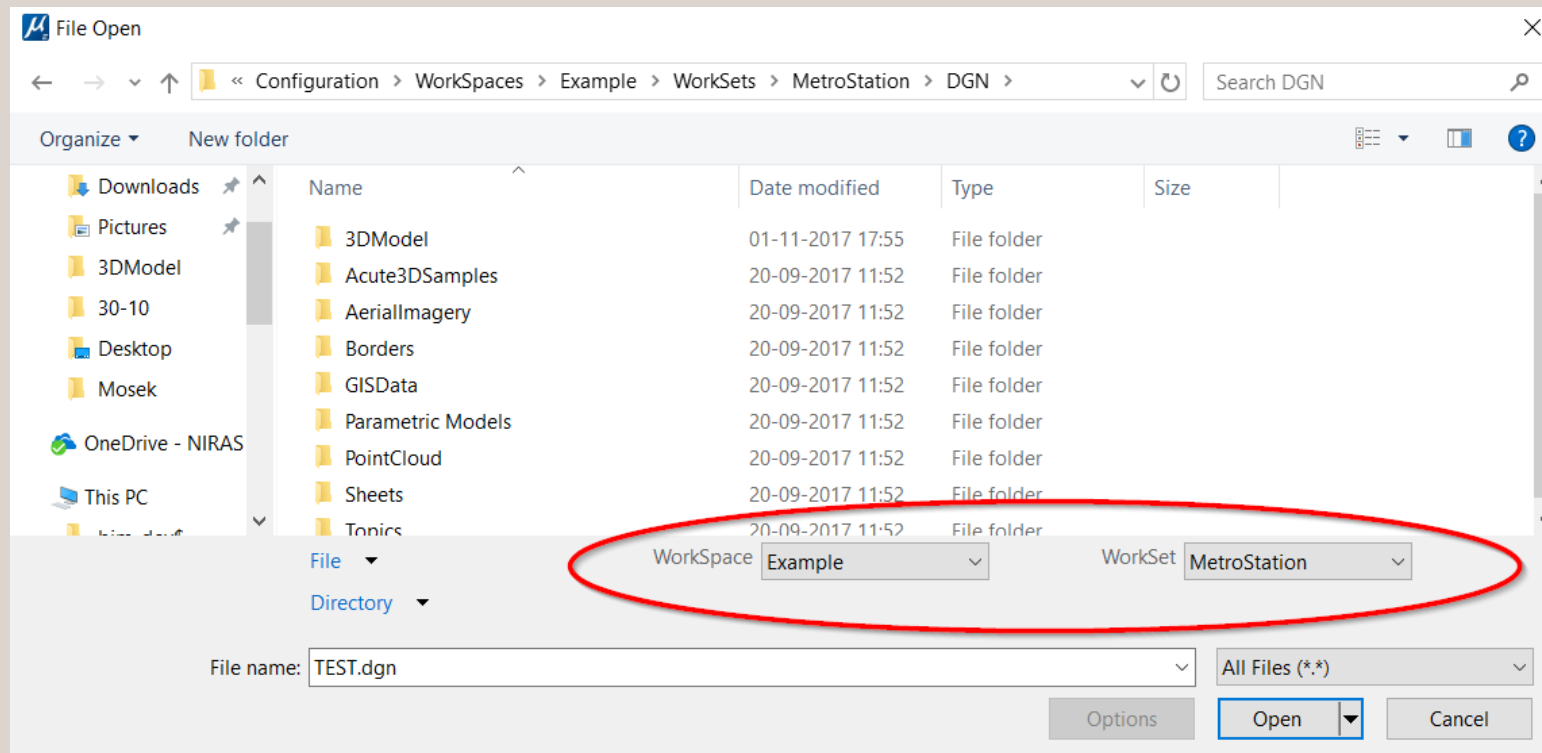
Gælder for:

Models dialog, Raster Manager, Element Selection, Reference dialog, Level Manager, Cell library dialog, Key-in dialog



File open – skift workspace on the fly

MicroStation Connect Edition



workspace og workset.

...s ud og her kan du ikke vælge

Level description

MicroStation V8i & Connect Edition

- MS_LEVEL_DISPLAY_FORMAT
 - D – description
 - N – name
- Prøv forskellige kombinationer.
 - D
 - N(D)
 - ND
 - N-D

*Bemærk at i MicroStation Connect Edition, så tilføjer den automatisk ()

Bredden på level dropdown menuen

MicroStation V8i SelectSeries 3 eller ældre

Har I bemærket at bredden i MicroStation SelectSeries 4 nu justerer sig automatisk?

Men hvis I har en ældre version kan man bruge denne variabel til indstille bredden:

`MS_LEVEL_PICKER_WIDTH`

*Størrelsen angives i pixels

Dgnlib update

MicroStation Connect Edition

MS_UPDATE_KEEP_UNUSED_LIBRARY_LEVELS

- Denne variable kontrolleret om ubrugte library levels skal beholdes eller slettes når man bruger en af "dgnlib update levels" kommandoerne.

0 = Så vil ubrugte dgnlib lag blive slettet når man anvender en "dgnlib update levels" kommando (default)

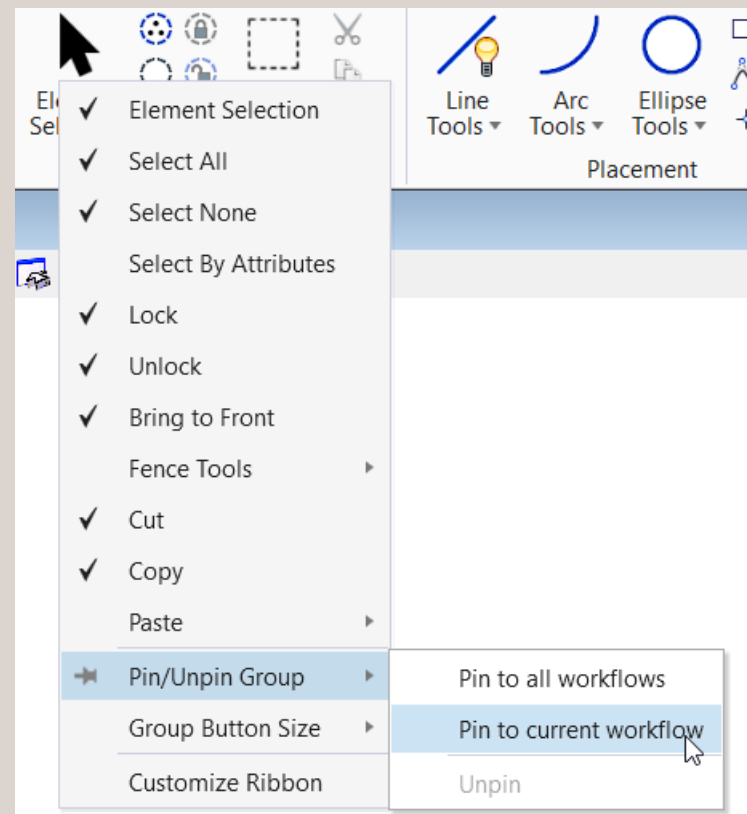
1 = Så vil ubrugte dgnlib lag blive behold.

2 = Ubrugte library levels vil blive slettet hvis ellers deres attributer er de samme som i dgnlib. De levels der har anderledes attributer opdateres til dgnlib standard.

Favorite panels

MicroStation Connect Edition

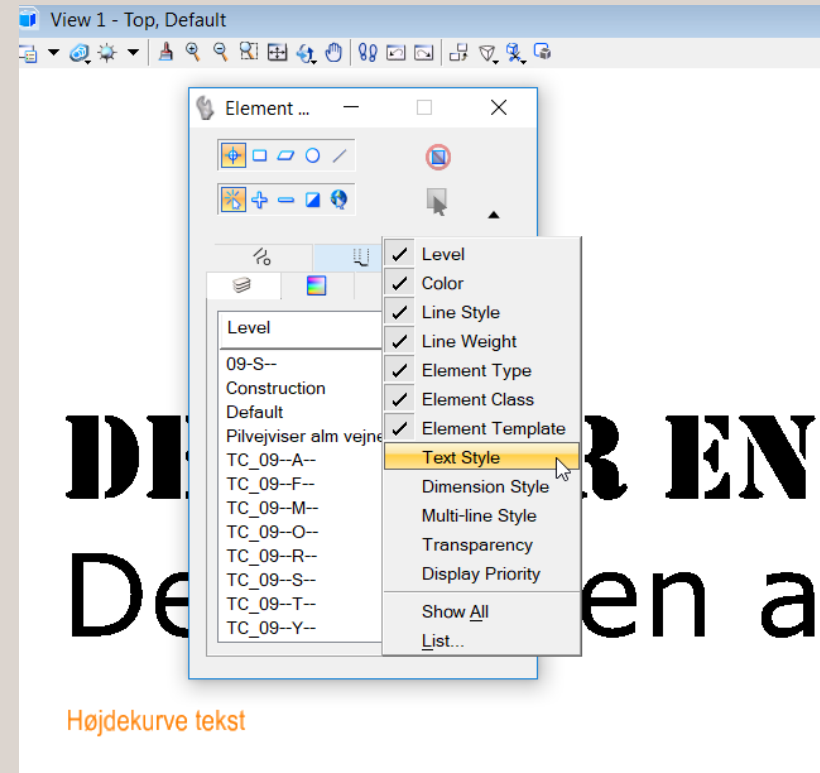
- Har du værktøjer som du gerne vil kunne se ligemeget hvilket workflow eller Ribbon du befinder dig i. Så brug Pin funktionen.



Element selection- flere tabs

MicroStation V8i & Connect Editio

- Højreklik for at få flere tabs under Element Selection



Match Element

MicroStation V8i & Connect Edition

<ALT> + Venstreklik/DATA = Match Element From cursor

MicroStation V8i:

Workspace → Button Assignments → ALT + DATA

MicroStation Connect Edition:

Backstage → Settings → User → Button Assignments → ALT + DATA

match attributes fromcursor ændres til: *match element fromcursor*

AccuDraw og Focus

MicroStation V8i & Connect Edition

- MicroStation V8i
 - ESC → Space
 - F11

- MicroStation Connect Edition
 - F11

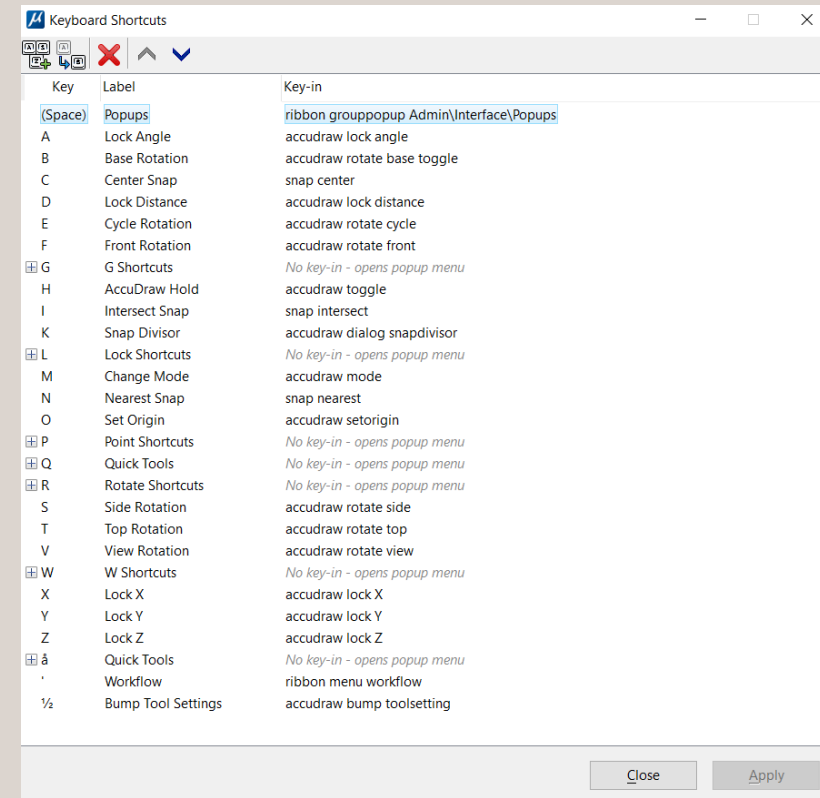
Når vi nu taler om AccuDraw...

MicroStation Connect Edition

- Følgende AccuDraw shortcuts mangler i MicroStation Connect Edition

- LP = Lock ACS Grid Plane
- LA = Lock ACS Plane
- LS = Lock ACS Plane Snap
- RV = Rotate View
- GT = Go to Tool Settings
- GK = Go to Key-in
- HS = AccuSnap Toggle
- HU = AccuSnap Suspend

*Man kan da heldigvis selv tilføje shortcuts



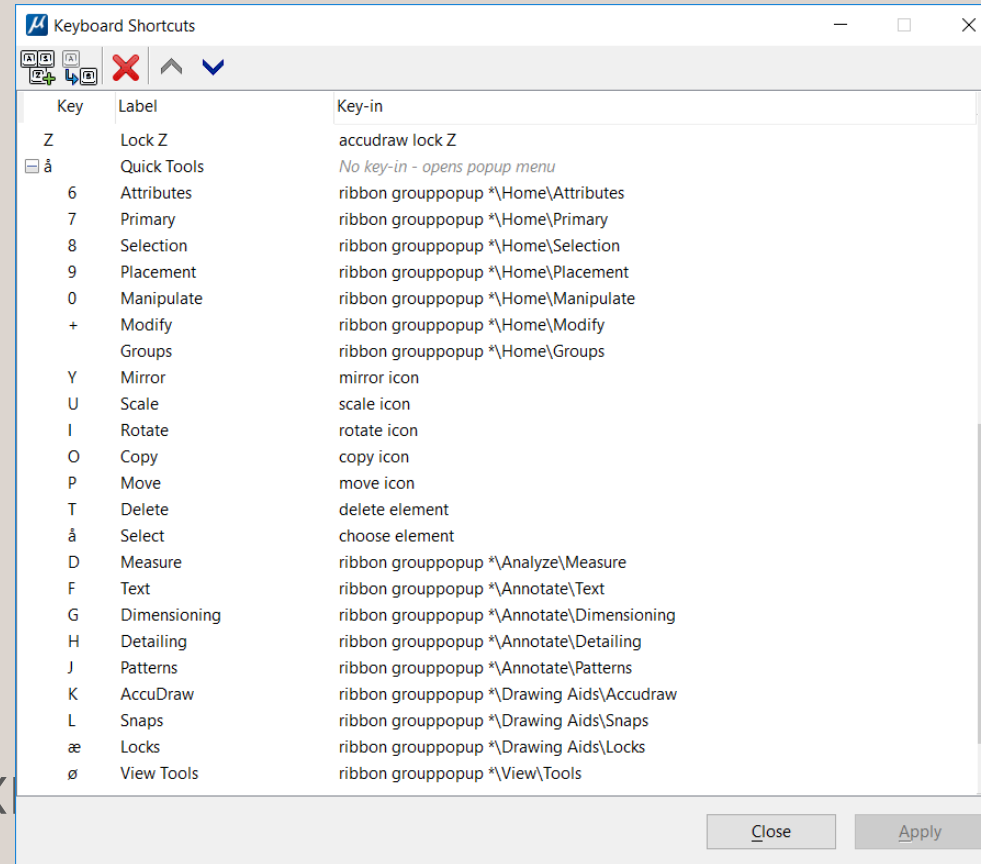
MicroStation Connect Edition

- AccuDraw shortcuttet <å> har fået en funktion...
Quick Tools

Og det kunne jo være man ville lave noget om...

MS_KEYBOARDSHORTCUTS

PERSONAL.KEYBOARDSHORTCUTS.X



<u>6</u>	Attributes
<u>7</u>	Primary
<u>8</u>	Selection
<u>9</u>	Placement
<u>0</u>	Manipulate
<u>+</u>	Modify
	Groups
<u>Y</u>	Mirror
<u>U</u>	Scale
<u>I</u>	Rotate
<u>O</u>	Copy
<u>P</u>	Move
<u>T</u>	Delete
<u>å</u>	Select
<u>D</u>	Measure
<u>F</u>	Text
<u>G</u>	Dimensioning
<u>H</u>	Detailing
<u>J</u>	Patterns
<u>K</u>	AccuDraw
<u>L</u>	Snaps
<u>æ</u>	Locks
<u>ø</u>	View Tools

Så er er der ikke flere
tips & tricks denne
gang!

Jeg håber at vi ses til et MicroStation
SIG møde i 2018!