

Session A7

Undgå slavearbejde

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Hvad er slavearbejde?

- At gøre det samme igen og igen og igen
- i samme fil
- i mange filer / modeller

Hvorfor undgå slavearbejde?

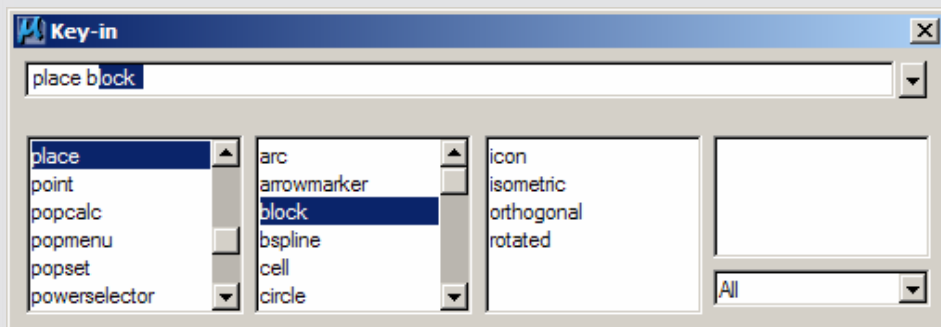
- Det er ikke spor sjovt
- Man kan bruge tiden på noget andet
- Undgå fejl

Hvad gør man så?

- Bliv klogere 😊
- Stop og tænk en gang imellem
- Skriv ned
- Kend mulighederne

Skrevne kommandoer

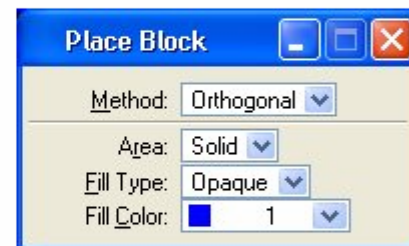
- Oversigt i Help
- Key-in Browser



Place Block



Used to place a block (rectangular shape).



⊕ Tool Settings

⊕ To place a rectangular shape

Key-in: PLACE BLOCK ICON

or

Key-in: PLACE BLOCK [ORTHOGONAL | ROTATED]

To-bogstav kommandoer

- XY= x,y,z,view
- LV=level
- CO=color
- WT=weight
- LC=line style

View kommandoer

- Fit All
- Selview 1
- Set Grid Off
- View of all
- View on 1
- SV=view navn
- VI=top
- VI=view navn
- Filedesign

Koordinater

- Absolut: $XY=x,y,z,view$
Point Absolute $x,y,z,view$
- Relativt: $DX=dx,dy,dz,view$
Point Vdelta $dx,dy,dz,view$
- Kombi: $XY=\#, \#, 0$
- Flere: $DX=5,0|3$

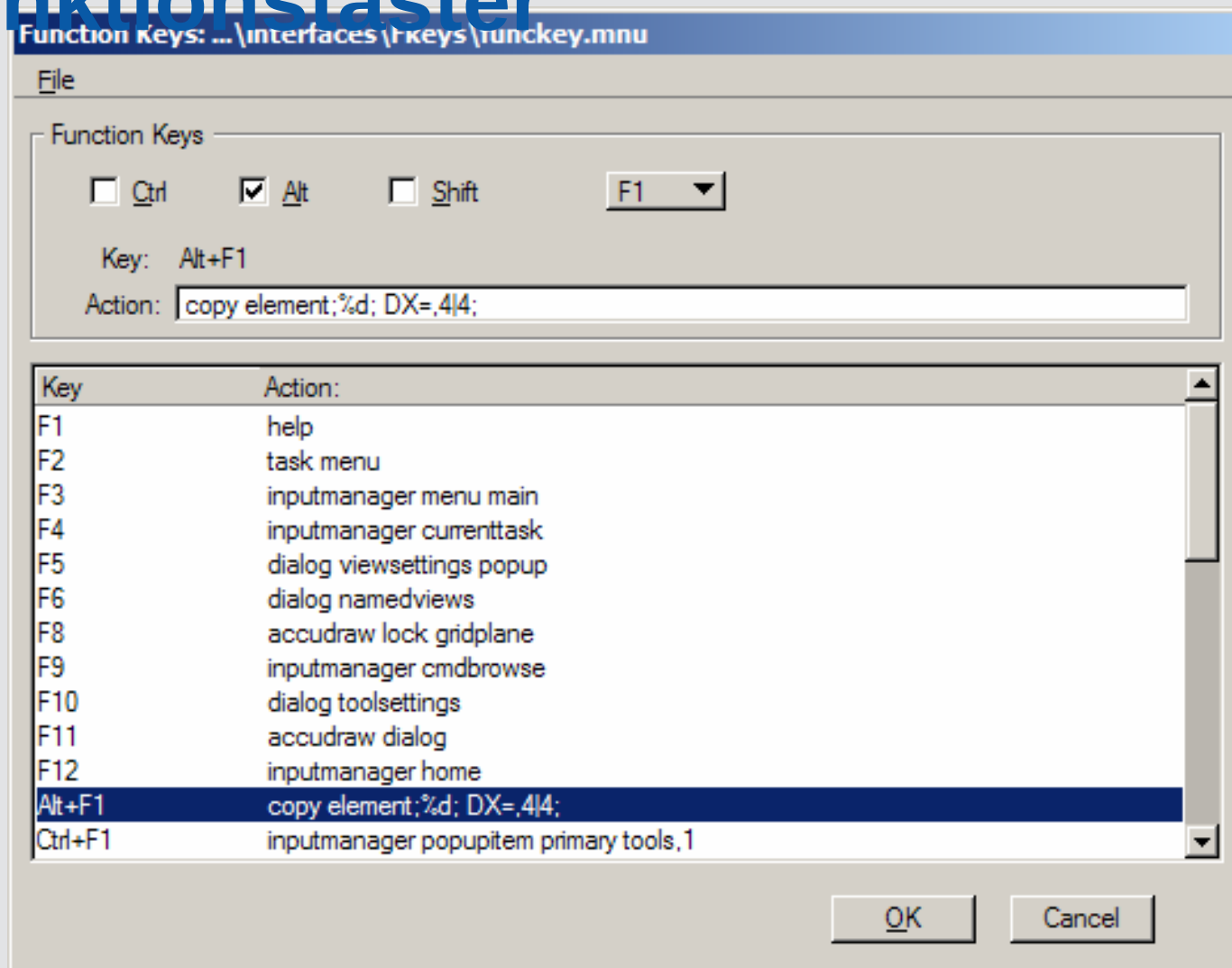
Andre kommandoer

- Choose all
- Choose none
- Snap Center / Origin / Midpoint
- Ref Display Off ref1.dgn->ref2.dgn
- Level Set Name "Level 54" "Nyt navn"
- Delete Unused Levels
- Compress Design

Flere ting på en linie

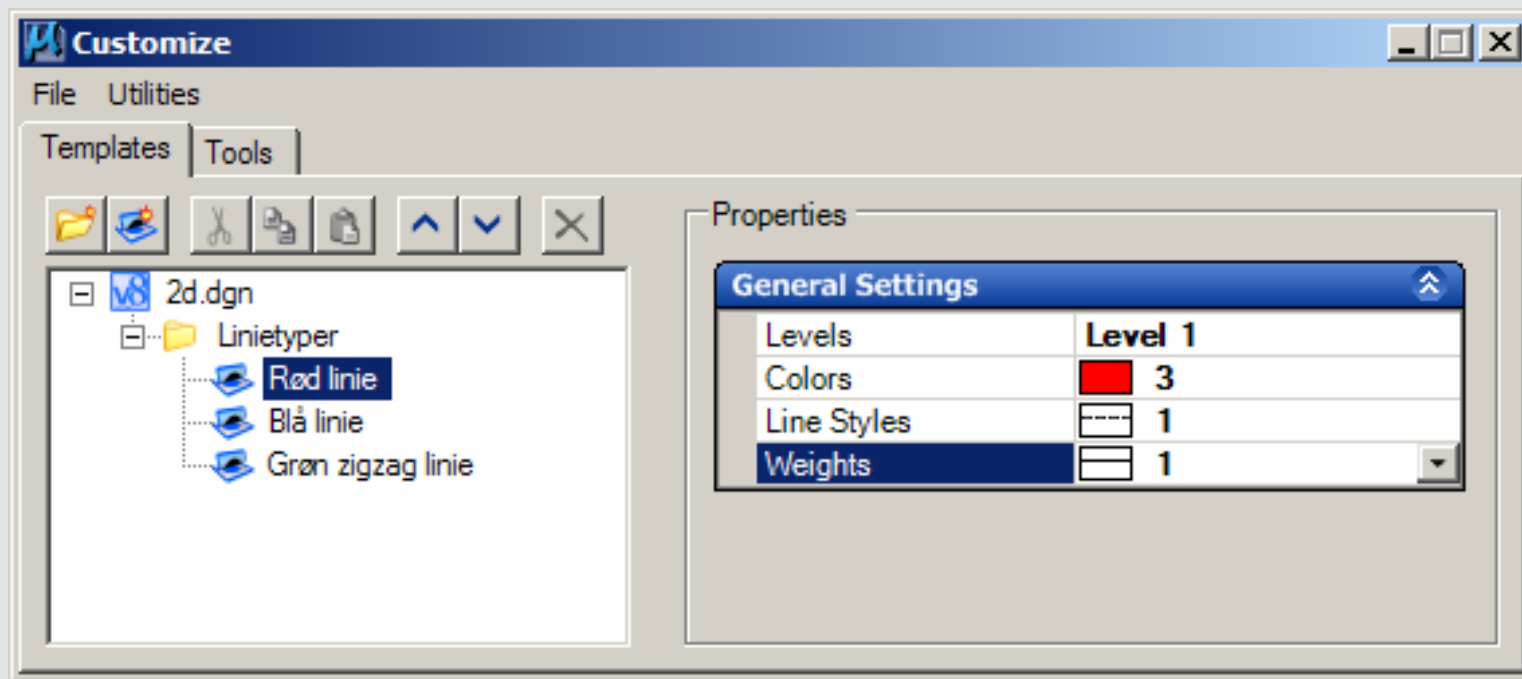
- `Lc=0;co=2;place line;%d;%d;co=7;place circle;dx=0;dx=100`
- `Copy Element; %d; dx=0,2|4`

Funktionstaster

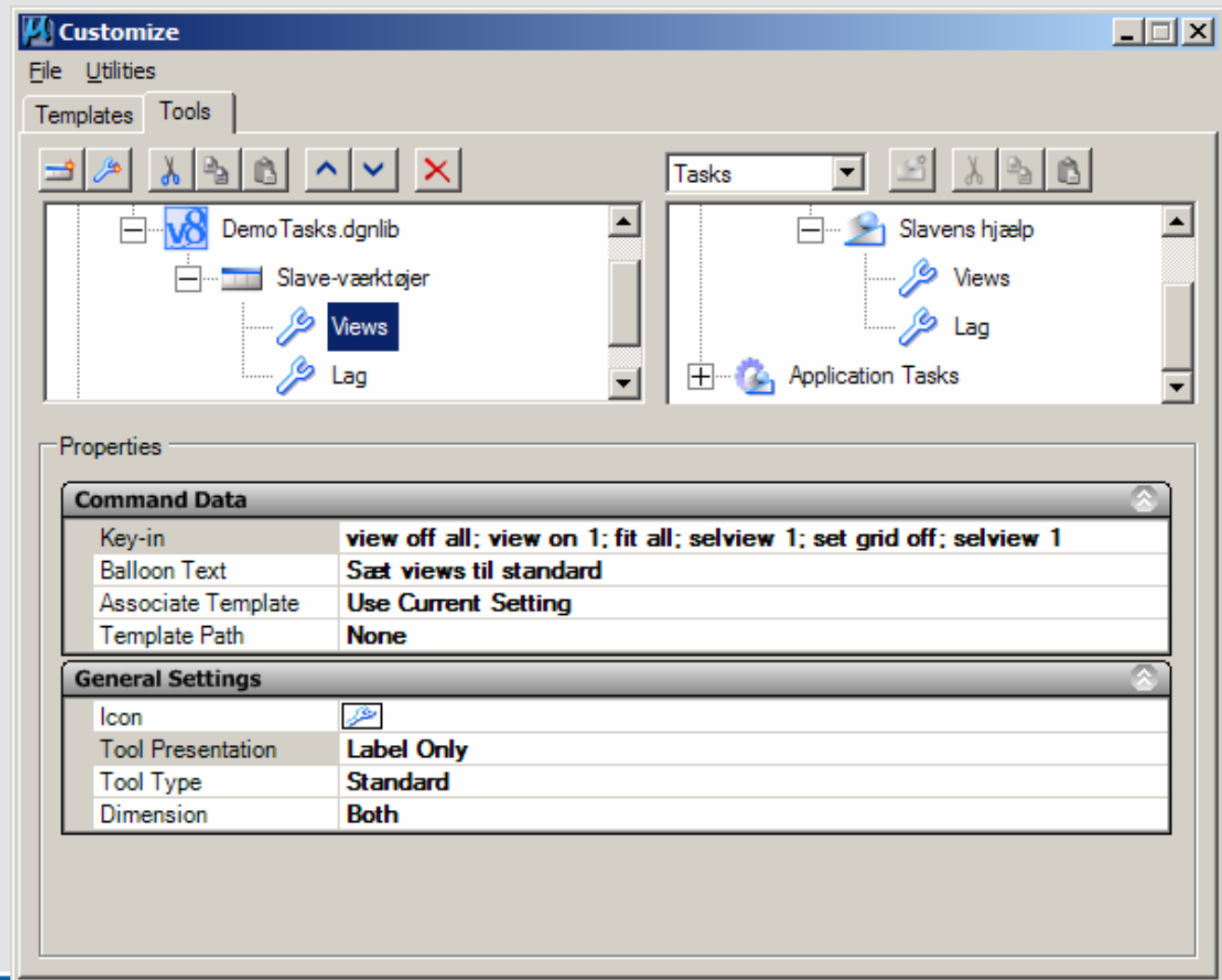


Templates

- Automatisk CAD manual
- Erstatter Settings Manager



Task Interface

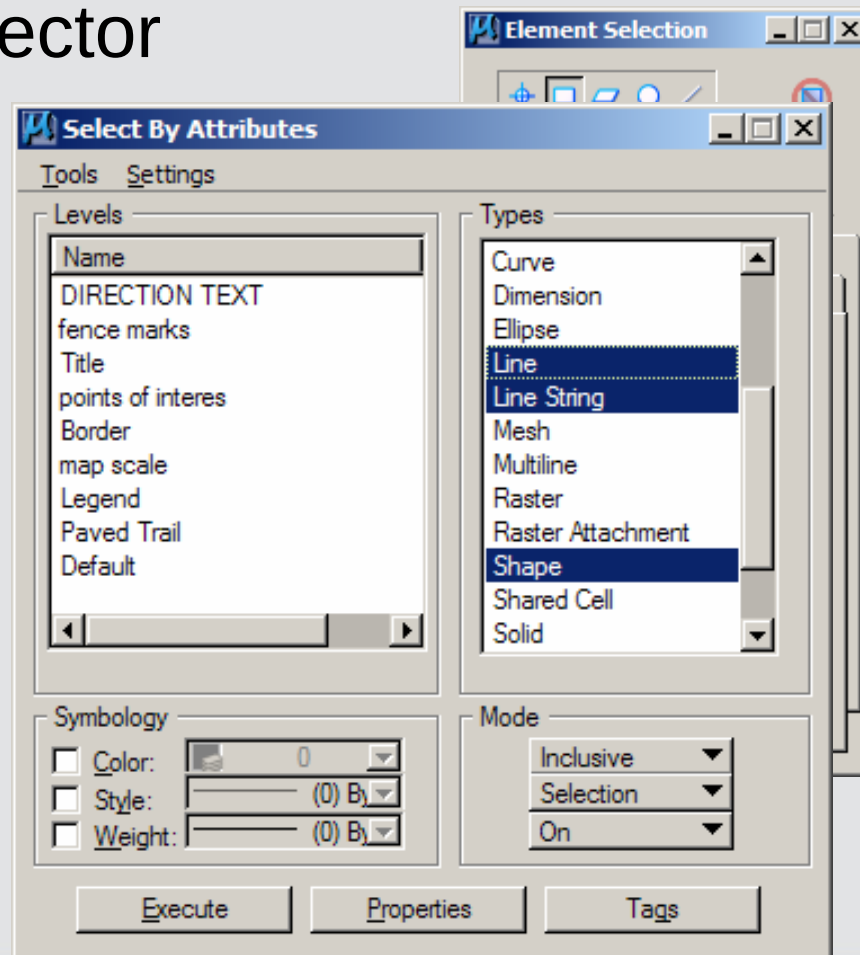


AccuDraw genveje

- Det meste er allerede optaget
- Stadig plads til to-bogstavs genveje
- Kræver fokus i AccuDraw

Select – Modify

- Power Selector
- Select By



Select - Modify

- med Level – Color – Style – Weight osv.
- med Element Information

Custom Line Styles

Saved Views – View Groups ?

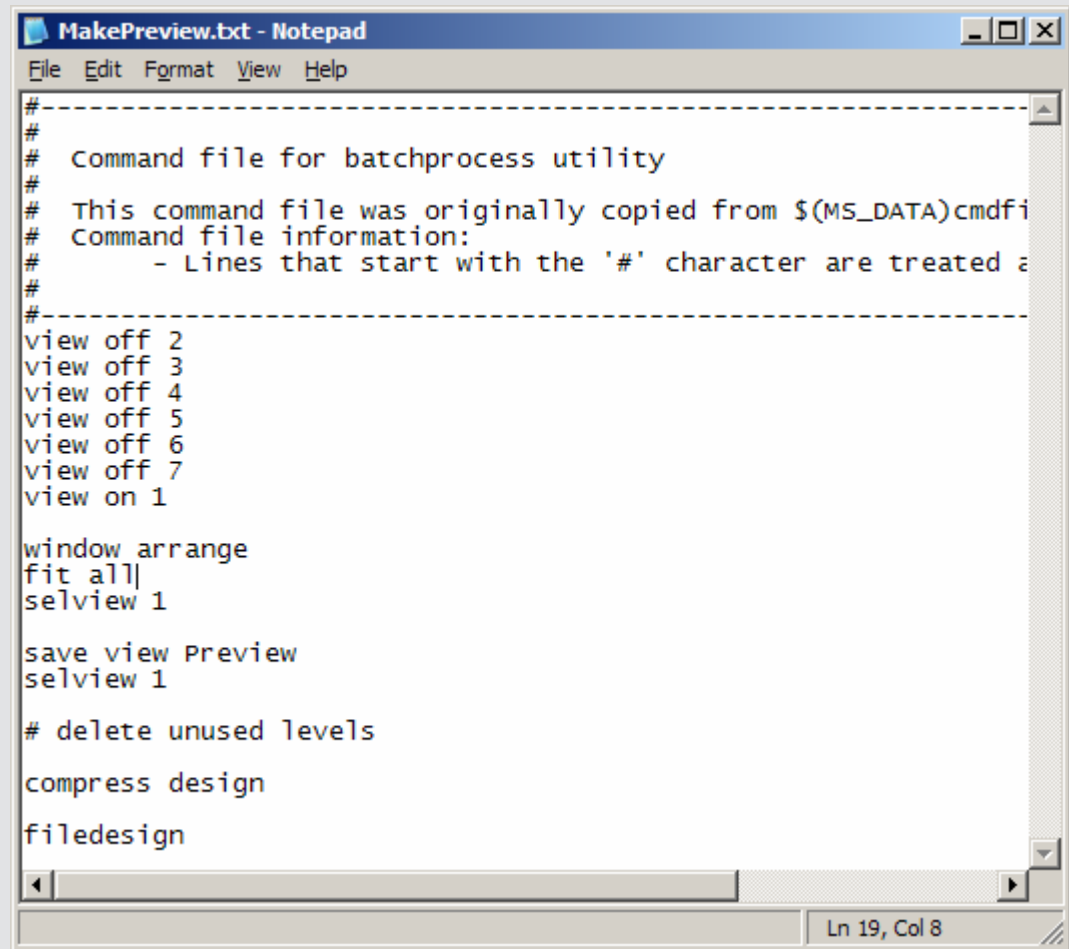
- Genfinde lokationer
- Nemmere opsætning af referencefiler

Batch Converter

- Også DGN til DGN eller DWG til DWG
- Ændre farver
- Ændre lagnavne
- Opdele lag efter elementtype, farve, m.m.

Batch processor

- Kommandofiler
- Filer – modeller
- Eksempler



```
MakePreview.txt - Notepad
File Edit Format View Help
#-----
#
# Command file for batchprocess utility
#
# This command file was originally copied from $(MS_DATA)cmdfi
# Command file information:
#   - Lines that start with the '#' character are treated as
#
#-----
view off 2
view off 3
view off 4
view off 5
view off 6
view off 7
view on 1

window arrange
fit all
selview 1

save view Preview
selview 1

# delete unused levels

compress design

filedesign

Ln 19, Col 8
```

Makroer

- Optage – afspille
- Lær VBA
- Find nogen der kan
- Eksempel

```
Dim oScanCriteria As ElementScanCriteria
Dim oCellListEnum As ElementEnumerator
Dim oCellElement As CellElement
Dim lCellNames As Collection
Dim cellcount As Integer
Dim entry As CCellInfo
```

```
Set lCellNames = New Collection
Set oScanCriteria = New ElementScanCriteria
oScanCriteria.ExcludeAllTypes
oScanCriteria.IncludeType msdElementTypeCellHeader
Set oCellListEnum =
ActiveModelReference.Scan(oScanCriteria)
```

```
Do While oCellListEnum.MoveNext
    Set oCellElement = oCellListEnum.Current.AsCellElement
    If CellNotInList(lCellNames, oCellElement.name) Then
        Set entry = New CCellInfo
        entry.SetName (oCellElement.name)
        entry.SetModelRef ActiveModelReference
        lCellNames.Add entry
    End If
Loop
```