G7 MicroStation Workspace – hvorfor gøre det kompliceret?

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Installation af MicroStation XM

- Standard installation erstatter forrige version, og installerer workspace til Documents & Settings
- EasyMultiInstall.vbs
- Bestem hvor workspace skal være: her: C:\Workspaces\08090451ws\

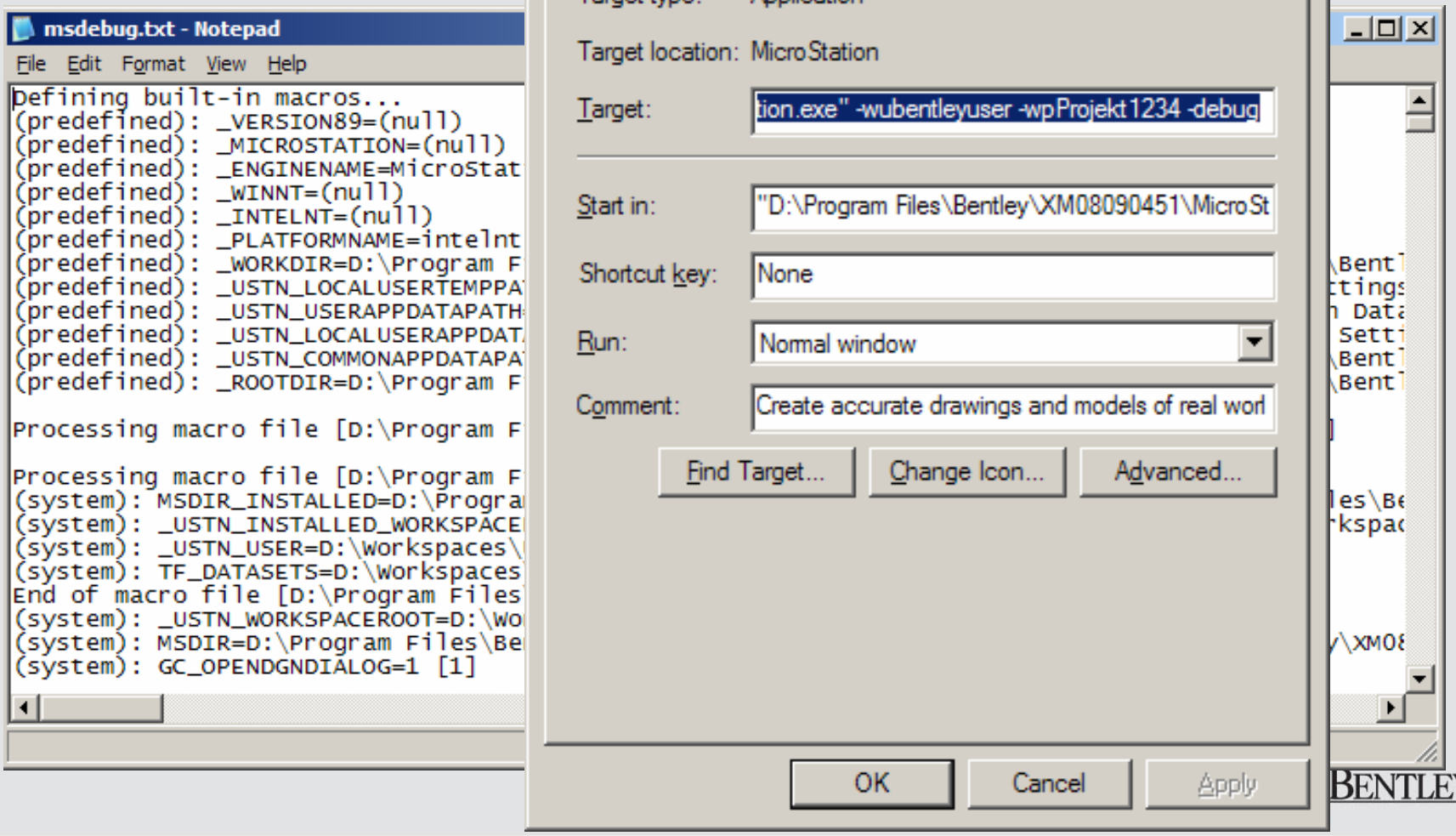
Konfigurationsvariabler

- = sæt variabel uanset tidligere værdi
- : sæt variabel hvis den ikke allerede er sat
- > byg videre på en søgesti
- < indsæt foran i en søgesti

Rækkefølge af CFG filer

- msdir.cfg i config folderen
- mslocal.cfg i config folderen
- msconfig.cfg i config folderen
- Alle cfg filer i config\system folderen
- Alle cfg filer i config\appl folderen
- standards.cfg i workspace\standards
- UCF fil (user)
- PCF fil (project)

-debug


msdebug.txt - Notepad
File Edit Format View Help
Defining built-in macros...
(predefined): _VERSION89=(null)
(predefined): _MICROSTATION=(null)
(predefined): _ENGINENAME=MicroStat
(predefined): _WINNT=(null)
(predefined): _INTELNT=(null)
(predefined): _PLATFORMNAME=intelnt
(predefined): _WORKDIR=D:\Program F
(predefined): _USTN_LOCALUSERTEMPPA
(predefined): _USTN_USERAPPDATAPATH
(predefined): _USTN_LOCALUSERAPPDAT
(predefined): _USTN_COMMONAPPDATAPA
(predefined): _ROOTDIR=D:\Program F
Processing macro file [D:\Program F
Processing macro file [D:\Program F
(system): MSDIR_INSTALLED=D:\Progra
(system): _USTN_INSTALLED_WORKSPACE
(system): _USTN_USER=D:\Workspaces\
(system): TF_DATASETS=D:\Workspaces
End of macro file [D:\Program Files
(system): _USTN_WORKSPACEROOT=D:\Wo
(system): MSDIR=D:\Program Files\Be
(system): GC_OPENDGNDIALOG=1 [1]
08.09.04.51 debug Properties
General
Shortcut
Compatibility
Security
08.09.04.51 debug
Target type: Application
Target location: MicroStation
Target: tion.exe" -wubentleyuser -wpProjekt1234 -debug
Start in: "D:\Program Files\Bentley\XM08090451\MicroSt
Shortcut key: None
Run: Normal window
Comment: Create accurate drawings and models of real worl
Find Target...
Change Icon...
Advanced...
OK
Cancel
Apply

Config folderen

- Msdir.cfg

  _USTN_INSTALLED_WORKSPACEROOT=C:\Workspaces\08090451ws\Workspace/
  _USTN_USER = C:/Workspaces/Users/

- Mslocal.cfg
- Msconfig.cfg

Standards folderen

- En ny for hver version af MicroStation
- Flyt gamle data og ryd op
- PLTCFG filer
- DATA folderen
  - Scales.def
  - Units.def
  - SheetSizes.def

Standards.cfg

- Versionsspecifik konfiguration
- Firmaspecifik konfiguration med %include C:\Workspaces\Config*.cfg

Users folderen

- Samme folder uanset version
- C:\Workspaces\Users
- UCF-filer
- Her: BentleyUser.ucf

UCF-filen

- _USTN_USERDESCR = Holger
- _USTN_USERINTNAME = default
- ProjectGroup = BentleyUser
- %include UsersInclude.cfg

UsersInclude.cfg

- _USTN_PROJECT = C:/Workspaces/Projects/$(ProjectGroup)/
- _USTN_PROJECTSROOT = C:/Workspaces/Projects/$(ProjectGroup)/
- _USTN_PROJECTDATA = C:/Projects/$(ProjectGroup)/$(_USTN_PROJECTNAME)/

- _USTN_DISPLAYALLCFGVARS = 1

Projects folderen

- Samme folder uanset version
- C:\Workspaces\Projects
- Her ligger PCF-filer – eller i underfoldere

Projektgrupper

- Grupperede PCF-filer
- Forskellige sagstyper
- Forskellige afdelinger
- Forskellige lokationer
- C:\Workspaces\Projects\Gruppe\
- projects.template ?

PCF-filen

- En for hvert projekt
- Projektnavn.pcf
- Kun det projektspecifikke

- _USTN_PROJECTDESCR = Untitled Project
- %include ProjectInclude.cfg

ProjectInclude.cfg

- MS_DEF = $(_USTN_PROJECTDATA)dgn/

- MS_CELL < $(_USTN_PROJECTDATA)cell/
- MS_CELLOUT = $(_USTN_PROJECTDATA)cell/
- MS_CELLLIST < $(_USTN_PROJECTDATA)cell/*.cel
- MS_CELLSELECTORDIR = $(_USTN_PROJECTDATA)cell/

- MS_SEEDFILES < $(_USTN_PROJECTDATA)seed/
- MS_SYMBRSRC < $(_USTN_PROJECTDATA)symb/*.rsc

- MS_SETTINGSDIR < $(_USTN_PROJECTDATA)data/
- MS_SETTINGSOUTDIR = $(_USTN_PROJECTDATA)data/

- MS_DGNLIBLIST = $(_USTN_PROJECTDATA)dgnlib/*.dgnlib

Projekternes filstruktur

- C:\Projects/
- Foldere, underfoldere, som normalt
- MS_DEF peger på primær DGN-folder

Workspace/Config folder ?

- Generelle CFG-filer for firmaet
- Include fra standards.cfg