



```

../microstation/config/mslocal.cfg

MSDIR : ${MSDIR_INSTALLED}

% include msdir.cfg

% include ${MSDIR}config/msconfig.cfg

```

```

../microstation/config/msdir.cfg

[General]
_USTN_INSTALLED_CONFIGURATION=C:/ProgramData/Bentley/CONNECT Edition/Configuration/
MSDIR_INSTALLED=${_ROOTDIR}

```

```

../microstation/config/system/*.cfg

MS reads all .cfg files in this directory

```

```

../microstation/config/appl/*.cfg

MS reads all .cfg files in this directory

```

```

.../ProgramData/.../Configuration/Organization/*.cfg

(MS reads all .cfg files in this directory)

standards.cfg

# _USTN_ROLECFG = ${_USTN_ORGANIZATION}${USER_ROLE}/${USER_ROLE}.cfg

```

```

C:\Users\...\AppData\Local\Bentley\MicroStation\8.21.4\prefs
personal.ucf

Stores prior setup for reused at startup
_USTN_USERDESCR = User
_USTN_WORKSPACENAME =
_USTN_WORKSETNAME = No WorkSet

```

```

... \Configuration\WorkSpaces\
ws_name.cfg

_USTN_WORKSPACEROOT
_USTN_WORKSPACESTANDARDS
_USTN_WORKSETSROOT
_USTN_WORKSPACEDESCR = My Workspace Description

```

```

... \Configuration\WorkSpaces\WS_name\
*.cfg

Location for workspace specific settings

```

```

... \Configuration\WorkSpaces\WS_name\Worksets\
WSet_Name.cfg

_USTN_WORKSETROOT
_USTN_WORKSETSTANDARDS
_USTN_WORKSETDGNS = ${CGI_SERVER_4}${CGI_ACTIVE_WORKSET}/
_USTN_OUT = ${parentdevdir(_DGNDIR)}out/

```

```

... \WorkSpaces\WS_name\Worksets\WSet_Name\
*.cfg

Location for workspace specific settings

```

```

../microstation/config/msconfig.cfg

...

Levels :
# 0) System Level ## msconfig
# 1) Application Level
# 2) Organization Level ## was Site Level 2
# 3) WorkSpace Level ## was Project Level 3
# 4) WorkSet Level
# 5) Role Level
# 6) User Level ## was 4)

% include ${_USTN_SYSTEM}*.cfg level System (0)

% include ${_USTN_APPL}*.cfg level Application (1)

_USTN_USERNAME : Personal
_USTN_PREFNAMEBASE : ${_USTN_HOMEPREFS}${_USTN_USERNAME}

% include ${_USTN_CONFIGURATION}WorkSpaceSetup.cfg

% include ${_USTN_ORGANIZATION}*.cfg level Organization (2)

% include ${_USTN_USERCFG} level User

% include ${_USTN_WORKSPACECFG} level WorkSpace
(command line override ustation -wu)

% include ${_USTN_WORKSPACEROOT}*.cfg level WorkSpace

% include ${_USTN_WORKSETCFG} level WorkSet
(command line override ustation -wp)

% include ${_USTN_WORKSETROOT}*.cfg level WorkSet

% include ${_USTN_ROLECFG} level Role

% include ${_USTN_DATABASECFG} level User (6)
(command line override ustation -wd)

```

```

.../ProgramData/Bentley/CONNECT Edition/Configuration/
WorkspaceSetup.cfg

Configuration file for your local Workstation (Only changed needed)

#-----
# CGI - Direct X settings for Parallels CGI
#-----

QV_D3DVERSION = 9
#QV_D3DVERSION = 0 #Totally disable hardware acceleration.

#-----
# CGI - Network Specific Setup
#-----

_0_CGI_CAD_NET_CFG = 10.0.0

CGI_SERVER_2 =V:/
CGI_SERVER_3 =R:/
CGI_SERVER_4 =Z:/
CGI_SERVER_W32=W:/
CGI_CAD_CLOUD=L:/CAD/

#-----
# CGI - Call Organization Configuration Files
#-----

%if exists (${CGI_CAD_CLOUD})

%if exists (${CGI_CAD_CLOUD}/Connect_Space/)
CGI_CONNECT_SETUP=${CGI_CAD_CLOUD}/Connect_Space/
%if exists (${CGI_CONNECT_SETUP}Connect_Setup/*.cfg)

% include ${CGI_CONNECT_SETUP}Connect_Setup/*.cfg level Organization

%endif
%endif

_0_CGI_CLOUD_FOUND=${CGI_CAD_CLOUD}

%else
_0_CGI_CLOUD_FOUND=NO
%endif

#-----
# CGI - End Local Locations for CGI
#-----

```

```

MY_CLOUD/CAD/uSTN_Org_Space/Connect_Setup/
CGI_Setup.cfg

_1_CGI_CONNECT_SETUP = 10.0.0

_USTN_WORKSPACELABEL : Client Space

%if exists (${CGI_CAD_CLOUD}/CGI_CAD_Resources/)
CGI_CORPORATE_RESOURCES = ${CGI_CAD_CLOUD}/CGI_CAD_Resources/
_USTN_ORGANIZATION = CGI_CORPORATE_RESOURCES
%endif

%if exists (${CGI_CONNECT_SETUP}/users/${USERNAME}/prefs/)
_USTN_HOMEPREFS = ${CGI_CONNECT_SETUP}/users/${USERNAME}/prefs/
%endif

MS_KEYBOARDSHORTCUTS = ${_USTN_PREFNAMEBASE}.KeyboardShortcuts.xml

%if exists (${CGI_CAD_CLOUD}/Connect_Projects/)
CGI_CLIENTS = ${CGI_CAD_CLOUD}/Connect_Projects/
_USTN_WORKSPACESROOT = ${CGI_CLIENTS}
%endif

CGI_ACTIVE_WORKSPACE = ${_USTN_WORKSPACENAME}
CGI_ACTIVE_WORKSET = ${_USTN_WORKSETNAME}

CGI_TEMPLATE_DIR = ${_USTN_INSTALLED_CONFIGURATION}/WorkSpaces/Template/

_USTN_WORKSPACETEMPLATE = ${CGI_TEMPLATE_DIR}WorkSpace.Template
_USTN_WORKSETTEMPLATE = ${CGI_TEMPLATE_DIR}WorkSet.Template

```

Config File Syntax
(search help on preprocessor for more info)

is comment

Variable Assignments
= assigns new value (overwrites any previous value)
: assign value if one doesn't exist yet
> append to end of list
< prepend to start of list

Preprocessor directives

```

% include <filename>
% level
    0 = System
    1 = Application
    2 = Organization
    3 = WorkSpace
    4 = WorkSet
    5 = Role
    6 = User

%if <expression>
%elif <expression>
%else <expression>
%endif

%error <string> will exit MicroStation

```