 <b>SofTech</b>	<h1>CADRA</h1>	<i>Erstellt: 2.11.1999</i> <i>Geänd.: 31.1.2006</i>
	<i>cadra.ini</i> <i>Beschreibung der Variablen</i>	<i>Seite 1 von 6</i> <i>Erst.: O.Raasch</i>

## 1. Section [CADRA]

**CADRA=C:\CADRA;C:\CADRA\lib;\CadServer\Cadra**  
This is the path list for Cadra to find its support files

**CADRA\_PATH=C:\CADRA\cadra.exe**  
Path to the Cadra executable

**ADRA\_NLS\_LOG=C:\Cadra\flmservc.log**  
This determines where the flm log file should reside

**ADRA\_NLS=C:\Cadra\License\nls.txt**  
This determines where the license file resides.

**ADRA\_NLS\_TIMEOUT=60**  
connection timeout - FLM takes back all licenses and closes connection to the Cadra client

**ADRA\_NLS\_LICENSE\_TIMEOUT=60**  
time out for individual licenses - FLM keeps connection to the Cadra client open, but releases all licenses that haven't been refreshed

**ADRA\_NLS\_DEBUG=ON**  
Enables a detailed FLM-logfile; use recommended only for analysis, not for daily operation (file size)!

**CADRADSP= <diagonal monitor size in inches>**  
This determines your monitor size.  
TIP: This parameter has an effect on the display size of the view marker (coordinate system symbol) and the snap cursor.

**CADRA\_3BUTTON= 1**  
If set to 1, your buttons are:           Select/Locate/Choice  
If set to 0 or blank, the buttons are: Select/Choice/Locate for a 3-button mouse  
  Select/Locate for a 2-button mouse


**LAYOUT=GERMAN**  
Determines which keyboard layout to use

**UIMenuFont=MS Sans Serif**  
**UIMenuFontSize=8**  
**UIMenuFontBold=0**  
**UIMenuFontItalic=0**  
These settings determine the fonts that you are using inside of Cadra (Windows GUI only)

**CADRA\_GUI=0**  
Cadra GUI = 1, Windows GUI = 0

**ENABLE\_SOLIDWORKS\_DRAWINGS=FALSE**  
This brings you into Cadra vs. Solidworks drafting. (obsolete)

**DISABLE\_DRAW\_MODE\_DIMENSIONS=0**  
0: Allows users to dimension in draw mode  
1: Disallows dimensions to be entered in draw mode

 <b>SofTech</b>	<h1>CADRA</h1>	<i>Erstellt: 2.11.1999</i> <i>Geänd.: 31.1.2006</i>
	<i>cadra.ini</i> <i>Beschreibung der Variablen</i>	<i>Seite 2 von 6</i> <i>Erst.: O.Raasch</i>

**CADRA\_RS\_SHOWALLWIDTHS=1**

This will cause the raster function to ignore the preferences setting and use 'display line widths' instead. (Cadra 10.4.5)

**WIN32S=1**

Windows OS, but not NT (obsolete)

**FORCE\_RIGHTHAND\_X\_AXIS=0**

Turns off forced X-axis to be always oriented to the right rule.

If this is set to anything other than zero, the 90 degree rotation of the axis causes the dimensions to project at an angle. (Cadra 11.0)

**CREATECADAMPLOTDATA=1**

Creates plot data (even if none was present before) before the drawing gets sent back to the Cadam host. If set to 0, no plot data remains with the dwg. when its sent back to the host.

**NEWCADAMHOSTNAME=0**

When set to 1, the Cadam hostname that was assigned to it will be replaced with a new local file name. If set to 0, Cadam hostname is retained.

**PRESERVE\_PRECISE\_BASIC\_BOX\_SIZES=1**

CADAM-to-CADRA conversion: controls the transfer of boxes around texts.

If the variable is defined equal to zero the text boxes adding using vertical rules will be added as a part of the enclosing text, though their size will be slightly larger than they were in CADAM.

If this variable is left undefined or is defined equal to *one* then the old behavior will occur and these boxes will be added in Cadra as separate linestrings which are the same size as the boxes in CADAM. (Cadra 11.0)

**DESELECT\_ON\_NEW\_FUNCTION=1**

If this variable is set to 1, any new function will deselect (and also dehighlight) selected entities with the following exceptions:

1. Group function will not deselect.
2. Move function will deselect only if entities were selected by delete function.
3. Delete function will deselect only if entities were selected by move function.

(Cadra 11.0)

**DB\_FIXED\_MODEL\_SIZE=1**

When set to 1, the message ,database full' will display when the memory usage has reached the model size limit. If not present or 0, Cadra automatically increases the initially allocated model size.

(Cadra11.2.1)

**CCD\_DTF\_FILEID=bn\_100**

At dtf write, the header will start with \*\*\*FILEID.BN\_100 instead of \*\*\*CADRA (Cadra11.2.1)


**CCD\_DTF\_BALLOON\_TEXT=1**

CADRA will then correctly read/write the CCD DTF balloon to center-justified text position.

**CADRA\_DDBUF=ON (/OFF)**

Redraw to buffer & then swap to the screen; default=OFF if entry is not present

Enables or disables the double buffering feature. The double buffered display capability was added to Windows NT to support AOA-based animation applications.

 <b>SofTech</b>	<h1>CADRA</h1>	<i>Erstellt: 2.11.1999</i> <i>Geänd.: 31.1.2006</i>
	<i>cadra.ini</i> <i>Beschreibung der Variablen</i>	<i>Seite 3 von 6</i> <i>Erst.: O.Raasch</i>

#### CUAKEYS=1

This enables the accelerator key function, i.e. ALT-<key> sequences are processed by the Windows operating system, not CADRA. For example: ALT-F for (English) File menu, Alt-D for (German) File menu. If you want to specify ALT-<key> sequences in text input fields in Cadra dialogs (such as in the Text tab of the Dimension Style dialog) it is necessary to set CUAKEYS to zero (0). When disabled e.g. Alt-D creates the diameter-symbol. When enabled no function can be assigned to F10-key (reserved for internal use)!!!

#### LANGUAGE=adraesd

This determines what language Cadra comes up in. Do not alter manually, only through install.

#### PLOTDELAY (=1 for versions older than Cadra12)

If this entry is present (set to 1, resp.), your cadraplot utility will not initiate after hitting end plot ( V12)

#### ADRA\_DRT\_EXTERNAL\_FIGURE\_UNITS\_SCALE=FALSE

Allows a DRT file referencing one unit system to import an external figure that references a different unit system. False = Same unit system

True = Different unit system

(also applicable to CCD translator, Cadra 2002 SP1)

#### CADRA\_IMS\_DISABLE\_INSIGHT\_SNAP=0

Obsolete; replaced by new IMS Toggle option in V10.4.1

#### DI\_TEXT\_ALGN=0

Obsolete; replaced by new Dimension Style option for JIS in V10.4.1

#### DI\_COORD\_ORGTEXT=1

Used in JIS coordinate system to display the base coordinate 0 (Cadra11.2.1)

Obsolete, replaced in Cadra11.3 with radio buttons in Dim Style window

#### CREATEFILE\_WAIT\_TIME=<number of milliseconds> (0..10000, default=200)

#### CREATEFILE\_WAIT\_RETRIES=<number of retries> (0..50, default=2)

Open and/or Save file to network can lead to error message "file is locked by another process" although no other process is attempting to access the file.

Cadra will try a specified number of times, each separated from the next retry by a time delay. If it is not an actual sharing violation one of these retries should succeed in opening the file. (Cadra 11.2.2)

#### CREATEFILE\_WAIT\_DISPLAY=1 (default OFF)

If DISPLAY is defined it will display a message box if the file locking CreateFile call gets an error that includes the status from the followup retries. In this way, users can to verify whether there are lock errors, and if the retries are working. (Cadra 10.4.6)

#### DELETE\_DUP\_MODE=1

Function DELETE/DUP checks on entities with the same blanking property only (Cadra 11.2.3)


#### DI\_CADAM\_ISO\_DUAL =1

Preserves the CADAM/CCD ISO standard during Cadra ADT round trip translation (read and write). If you do not add this variable Cadra converts CADAM/CCD ISO dual text dimension to the CADRA ISO standard. (Cadra 11.2.3)

#### PRESERVE\_CADAM\_BREAKOUT=1

Determines whether to use a Cadra breakout or to preserve the CADAM breakout.

If you do not add this variable, the Cadra breakout will be used. (Cadra 11.2.3)

 <b>SofTech</b>	<h1>CADRA</h1>	<i>Erstellt: 2.11.1999</i> <i>Geänd.: 31.1.2006</i>
	<i>cadra.ini</i> <i>Beschreibung der Variablen</i>	<i>Seite 4 von 6</i> <i>Erst.: O.Raasch</i>

**PRESERVE\_CADAMV3R3\_DOLLAR=1**

The CADAM dollar sign (\$ -- EBCDIC 0x5b) will be mapped to the CADRA (\$ -- ASCII 0x24) and the CADAM backslash (\) will be mapped to CADRA (0xc1).

WARNING: This variable works for host CADAM Version 3, Release 3 only. Do not set this variable for CCD DTF Version 3, Release 3. (Cadra 11.2.3)

**INFO\_MODEL=1**

This variable allows further functionality in the Info function.

**CADRA\_NC=C:\CadraNC**

Sets the directory where the NC files (directories machine, macro, part, tpf, tool) are kept. (The specific paths can be overridden by NCMenudir, NCMacroDir, NCTpfDir and NCPartDir in prf\_nc.sys)

**CADRA\_NCHELP=C:\CADRA\NCHELP**

Indicates where the CadraNC Help files are located. (This path is overridden by NCHelpDir in prf\_nc.sys)

**KP\_KOREAN=1**

Allows Korean text input in Cadra (via F6 key)

**MCX\_CADAMSYMNAME=0**

Service Pack 2 for Cadra11.5 introduced support for CADAM-like naming convention in the MicroCADAM translator when importing symbols (TABxxx\_SYMyyy). Setting this variable allows to continue with the former naming convention (xxx\_yyy). (Cadra11.5 SP2)

**DXF\_REMOVE\_DOLLARS\_FROM\_LAYER\_NAMES=1**

Set it to 1 to cause layer names to be produced without dollar signs. Note that if the option 'Paper space viewports for write' in the DXF/DWG options dialog is enabled, the effect of this variable definition will be ignored. (Cadra 2002 SP1)

**ENABLE\_LINE\_FONT\_SCALING=1**

Cadra 2002 introduced a line font rendering behaviour that would cause font patterns to change with scale and cause very small lines to be rendered to visibly reflect the font even if the total length of the line was shorter than the font repeat. These changes in behaviour cause problems in some environments and, therefore, are now disabled unless this variable is defined. (Cadra 2002 SP1)

**DG\_PROE\_DIRECT\_GENSKETCH=TRUE**

Setting this variable to TRUE will set the CADRA - DesignGateway interface to a direct Pro/E GenSketch mode. While in this mode, no other DesignGateway commands will function. The only command enabled is "Gen Sketch", located in the View-SOLIDS menu. (CADRA 2002Plus SP1)

**DISABLE\_FILE\_LOCKING=1**

Disables the locking of the active file by the CADRA application.


**FIGURE\_FORM\_2COLUMNS=1**

Default 0 if not present.

Allows the display of the old-style figure list in CADRA GUI. Available for AGP compatibility. (CADRA2005)

**DISABLE\_AUTOMATIC\_ZOOMPAN=1**

If this variable is defined and set to one the zoom and pan functions using the mouse wheel and choice buttons will be disabled. If it is set to any other value or is not defined then these zoom and pan functions will be enabled. (CADRA 2006)

 <b>SofTech</b>	<h1>CADRA</h1>	Erstellt: 2.11.1999 Geänd.: 31.1.2006
	<i>cadra.ini</i> <i>Beschreibung der Variablen</i>	Seite 5 von 6 Erst.: O.Raasch

#### DISABLE\_CADRA\_FILE\_COMPRESSION=1

If this variable is defined and set to one then Cadra .cad format files saved out will not be compressed. If it is set to any other value or is not defined then Cadra files will be saved in a compressed format. (CADRA 2006)


#### DXF\_REMOVE\_DOLLARS\_FROM\_LAYER\_NAMES=1

#### DXF\_REMOVE\_DOLLARS\_KEEP\_LAYER\_NUM\_ONLY=1

By default layer names written out to AutoCAD data formats have blanking and other attribute information encoded using dollar sign separated codes. The ability to prevent Cadra from producing layer names which include dollar signs was added in a previous release of Cadra by setting the environment variable DXF\_REMOVE\_DOLLARS\_FROM\_LAYER\_NAMES=1. With only this variable set layer names can be alphanumeric. If it is necessary for some entities in a layer to be blanked a second layer will be written with the same base name plus the text `_CADRABLANK<layer-number>` added to the end. Sometimes it is desirable to have Cadra produce purely numeric layer names. For this case a new variable has been defined called

DXF\_REMOVE\_DOLLARS\_KEEP\_LAYER\_NUM\_ONLY=1. This new variable will supersede DXF\_REMOVE\_DOLLARS\_FROM\_LAYER\_NAMES if both are defined and set to one. This variable should only be set if 255 or less layers are being used. If some entities on a layer are blanked in this case the numeric layer name will have 256 added to it.

(CADRA 2006)

 <b>SofTech</b>	<h1>CADRA</h1>	Erstellt: 2.11.1999 Geänd.: 31.1.2006
	<i>cadra.ini</i> <i>Beschreibung der Variablen</i>	Seite 6 von 6 Erst.: O.Raasch

## 2. Other sections

[PlotPort]

DefaultPort=\\SERVER\DeviceName@Port

This variable is read by the CadraPlot utility.

Example: DefaultPort=hp color LaserJet 4600 PCL 6@Ne03:

[GERMAN]

extended\_keyboard=control-alt

xkey55=63, '{'  
 xkey56=79, 'I'  
 xkey57=90, 'J'  
 xkey48=92, '}'

xkey187=95, '~'  
 xkey81=96, '@'  
 xkey226=123, '|'  
 xkey77=124, 'Ä'  
 xkey219=38, '\'  
 xkey221=40, '"

key50=50,'2' AND ''"  
 key51=51,'3' AND '\$'  
 key54=54,'6' AND '&'  
 key55=55,'7' AND '/'  
 key56=56,'8' AND '('  
 key57=57,'9' AND ')'   
 key48=48,'0' AND '='  
 key219=91,'Ö' AND '?'  
 key221=93,'" AND '''  
 key186=59,'p' AND '£'  
 key187=61,'+' AND '\*'  
 key192=126,'ÿ' AND '' '  
 key222=94,'ü' AND 'š'  
 key191=47,'#' AND '' "  
 key226=18,'<' AND '>'  
 key188=44,';' AND ':'  
 key190=46,'!' AND '' '  
 key189=45,'-' AND '' '  
 key220=37,'^' AND ''o'

key111=65,KEYPAD 'è'

key106=66,KEYPAD 'é'

The key and xkey variables can be used to overwrite the keyboard layout default settings.

Example: xkey81=96, i.e. ALT-Q is assigned the @-symbol, 81 is the code of the Q-key