

SDRC I-DEAS - FAQs

Secrets:

What Are Some Of Those Hidden Commands?

/AG DS	Check Shell
/CL	Clear list region
/CO AE WI	Add entire assembly with history
/CO AE WO	Add entire assembly without history
/CO XCI	Circular pattern without intersection check
/CO XRE	Rectangular pattern without intersection check
/CR L2R	2 Rail Loft for MS5
/ER OFF	Erase switch off
/FI XX MF	Memory clean up
/FI XX MR	Memory report
/FI XX OPL	Use the MS2.1 IPLOT plotting user interface
/MA MA	Pre MS7 style manage bins
/MA IDM	Display IDM Privilege Status
/MA IT	I-Deas8 Manage Items
/MO E DI #dump canc	Dump Dimensions to List Region
/MO QERY	Debug Modes
/MO QERY GT	List part params (errors)
/MO SPE FDG	Fillet Debug Graphics
/MO SPE FH	Clean all parts in modelfile (hams)
/MO SPE RDI	Renumber part data ids
/SD TES	Test and evaluate geometry in Master Surfacing
/SD TES EX GEO	Gives nurbs formulation of a curve
/UP AP	Update all parts in modelfile
/XT	Time since last XT
/XTO	A whole load of extra menus including some debug items presumably for SDRC internal use. Different sets in Modeller & Assembly

/XTO CO BO CT	Check tangency
/XTO CO BO FC EX	Pre MS7 IGES Export
/XTO CO BO FC IM	Pre MS7 IGES Import
/XTO CO BO FI	Displays fillet rails plus other extra geometry.
/XTO CO BO MV	Make part valid
/XTO CO BO TO	Display offending edges in boolean operation
/XTO CO PJ	Partition Join
/XTO DB CH	Check part validity
/XTO DB CK	Run Debug Check
/XTO DB EX OE	Old Pre-I-Deas9 Extrude
/XTO DB RF TCL	Turn off Explicit Centrelines
/XTO DB WF CL	Clean Wireframe (Ghost Connector Errors)
/XTO FI EA	Writes a Universal File
/XTO MA WB	Directory of workbench
/XTO TE GG GO CA	Export crushed ascii
/XTO TE GG GO IDI	Export IDI
BREAKOUT	Escape from frozen Drafting Setup to Drafting transfers. Use this with caution - it may result in you having to "send all" next time the drawing setup is sent to Drafting
:	Accept default input for remaining prompts. Good for watching incremental updates replaying in Master Modeller

Any Undocumented DMADMIN Commands?

DIAG CHRW - Does a more thorough database check than the normal DIAG CH.

PROJ CLRW - Does a more aggressive cleanup than the normal PROJ CL.

```
/ideas/ms3/prl/idfvfy.exe [-v] [-e] [-d flags] project.pmd
```

```
where: -v = verbose (Print database header)
       -e = list database errors only
       -d = set diagnostics options
```

A program to interrogate project database files. For example:

```
idfvfy.exe -d 3 /ideas/team/projects/myproj.pmd
```

Will verify the myproj.pmd project database file. Note you must specify the full path to the .pmd

file.

```
idfvfy.exe -v mypart.prt
```

Will report the Master Series version in which the library part was created and modified.

What's So Special About The Letter "M"

For some reason the letter "M" is a reserved "magic letter". Try assigning revision M to a drawing and you'll see what I mean.

Ken McIntyre (Ken_McIntyre@dartcontainter.com) reports that the letter M is a "step into" command used for programming.

Hot News: Just tried this in the latest releases and M has lost it's magic, the bugget's no more. Think I noticed this in MS2.0 - presumably SDRC fixed this one somewhere down the line.

Some Useful Enviromental Variables

SDRC_DEMO=1	Disable demo license "nags"
SDRC_DISABLE_SDI_PRINTING=TRUE	Disable I-Deas 8 SDI plotting
SDRC_IPLOT_PLOTTING=TRUE	Enable IPLOT plotting
IDEAS_PRINT_COMMAND=script	Set script to run with HC command
IDEAS_PRINT_OPT=optfile	Set options to pass to script
IDEAS_NO_XWD=TRUE	Disbale to default HC xwd dump

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