

# List of CATIA Solutions Batches, Commands, Functions & Switches

The list of CATIA Version 4 Release 2, Modification Level 0 Batches, Commands, Functions, Switches & System Commands classified by product are given below. The batches are preceded by (B), the commands by (C), the functions by (F) and the switches by (S).

CATIA/CADAM.AEC Infrastructure (aba)				
(C) /aecakb	(C) /aecdtg	(C) /aecprj	(C) /aecups	(F) limit1 3D
(C) /aecaly	(C) /aecdtp	(C) /aecqrs	(C) /aecvisu	(F) line 2D
(C) /aecana	(C) /aecexp	(C) /aecqry	(C) /strsole	(F) line 3D
(C) /aecate	(C) /aecftx	(C) /aecref	(F) aecmngt	(F) plane
(C) /aecatt	(C) /aecgcx	(C) /aecrep	(F) aecmngt	(F) point
(C) /aecbaa	(C) /aecgeo	(C) /aecrpf	(F) aecprim	(F) prjsetup
(C) /aecbad	(C) /aecgeo	(C) /aecrprj	(F) aecshap	(F) reporter
(C) /aecbao	(C) /aecgrd	(C) /aecvana	(F) analysis 2D	(F) transfor dr
(C) /aecblk	(C) /aecgrr	(C) /aecsol	(F) analysis 3D	(F) transfor sp
(C) /aecbuk	(C) /aeclab	(C) /aecssb	(F) axis	
(C) /aecco	(C) /aeclst	(C) /aecssd	(F) box	
(C) /aecdifl	(C) /aecmsol	(C) /aectra	(F) curve2 2D	
(C) /aecdit	(C) /aecnwk	(C) /aecuim	(F) curve2 3D	
(C) /aecdst	(C) /aecpid	(C) /aecuni	(F) limit1 2D	
CATIA/CADAM.AEC Drawing Production (adp)				
(B) catdraw	(B) catgen	(F) adpextr	(F) adpsetup	(F) spcdr2
CATIA/CADAM.AEC Drafting (adr)				
(C) /dimcoord	(F) auxview	(F) draft	(F) markup	(F) transfor dr
(C) aectxt	(F) axisdr	(F) drw->spc	(F) pattern	
(F) aec_drst	(F) combivu	(F) drwstd	(F) pointdr	
(F) aec_text	(F) curve2dr	(F) limit1	(F) shape	
(F) analysisdr	(F) dimens2	(F) linedr	(F) spcdrw	
CATIA/CADAM.AEC Ductwork Design (adw)				
(F) ductwork	(F) dw_setup			
CATIA.Analysis Infrastructure (ani)				
(B) catmsh	(C) /anshow	(C) /anstd		
(B) catmsta	(C) /angraph	(F) anmanage		
CATIA/CADAM.AEC Piping Design (apd)				
(C) objexp	(C) objnam	(F) pipe_des	(F) pipsetup	
CATIA/CADAM.AEC Raceway Design (arw)				
(F) raceway	(F) rw_setup			
CATIA.Assembly & Substructure Analysis (asa)				
(F) ansembly				
CATIA.Assembly Modeling (ass)				
(B) catasm	(C) /asm	(F) asdesign		
CATIA.Advanced Surface Design (asu)				
(F) adjust	(F) law	(F) rulfilet		
(F) formtool	(F) moldpart	(F) surf2		
CATIA.CPW/Automated Test Tool (att)				
(B) catcomp	(B) catrec	(F) compare	(F) record	
CATIA/CADAM.AEC Virtual Management (avm)				

(B) cdmaxmat	(B) dbimp	(B) dmcdmb	(C) tracdma	(F) aec_doc
(B) dbcsb	(B) dbulib	(C) catcdma	(F) admcsb	(F) csb
(B) dbexp	(B) dmadm	(C) cdainst	(F) aec_bld	

#### CATIA.2D Building Design (bdg)

(F) material	(F) structur	(F) topology
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#### CATIA.Body in White Templates (bwt)

(F) beam
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#### CATIA.CATIA-Alias Interoperability (cai)

(B) aliascat	(B) catalias
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#### CATIA.CATIA/CADAM Coupler (ccc)

(B) cplbat	(F) coupler	(F) user_atr
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#### CATIA.Data Management - Access (cda)

(B) cdmaxmat	(B) dbulib	(C) cdainst	(F) admcsb
(B) dbcsb	(B) dmadm	(C) dbclos	(F) assembly
(B) dbexp	(B) dmcdmb	(C) tracdma	(F) csb
(B) dbimp	(C) catcdma	(F) admbase	(F) database

#### CATIA.Data Management - Run Time (cdr)

(B) dbcdmb
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#### CATIA.Distributed Services (cde)

(B) catsrvr	(F) remote
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#### CATIA.Cloud to Geometry (cgo)

(F) cloud	(F) polygon
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#### CATIA.Conferencing Groupware (cgw)

(F) communiq
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#### CATIA.Knowledge Engineering (cke)

(F) krules
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#### CATIA.Object Manager (com)

(B) cataix	(B) catrans	(C) /grab	(F) file	(F) shading
(B) catback	(B) catsta	(C) /grabp	(F) graphic	(F) standard
(B) catcln	(B) catsumr	(C) /help	(F) group	(F) symbol
(B) catdata	(B) catunit	(C) /news	(F) identify	(F) text
(B) catdcl	(C) /capt	(C) /object	(F) image	(F) utility
(B) catexp	(C) catdump	(C) /plot	(F) iua	(S) change_element
(B) catfont	(C) catiaenv	(C) /prjmodel	(F) keep	(S) dr/sp
(B) catimp	(C) catini	(C) /pub	(F) layer	(S) lxxx
(B) catlicsr	(C) catmml	(C) /reconci	(F) license	(S) np/pk
(B) catlsh	(C) catmount	(C) /reframe	(F) merge	(S) ns/sh
(B) catmigr	(C) catscan	(C) /setup	(F) model	(S) rename_id
(B) catmod	(C) /catweb	(C) /specdef	(F) models	(S) set
(B) catname	(C) /cln	(C) /stcol	(F) overlay	(S) standard
(B) catoler	(C) /colchg	(C) /stcols	(F) picture	(S) vu
(B) catpath	(C) /colcop	(C) /swap	(F) plot	(S) 2d/3d
(B) catpgs	(C) /colstd	(F) attribut	(F) publish	
(B) catplot	(C) /doc	(F) detaildr	(F) session	
(B) catprj	(C) erase	(F) detail3d	(F) sets	
(B) catpub	(C) /exit	(F) erase	(F) shades	

#### CATIA.Composite Covering (cov)

(F) cov_eng	(F) coveras	(F) covfiber
(F) cov_exp	(F) coverst	(F) covman

CATIA.Viewing Service (cvs)				
(B) catdata	(B) catpub	(C) /plot	(F) plot	
(B) catlsh	(B) catrep	(C) /pub	(F) publish	
(B) catplot	(C) /capt	(F) explode	(F) reporter	
CATIA.Develop (dev)				
(F) develop	(F) flatpat			
CATIA.2D Wireframe and Annotation (dr2)				
(C) /anatum	(C) /corshap	(C) Indlo	(C) ptded	(C) tradsm
(C) /anarel	(C) crvda	(C) Indlp	(C) ptdel	(C) tradsp
(C) andcir	(C) crvdak	(C) Indlps	(C) ptdpc	(C) tradt
(C) andcrv	(C) crvdcn	(C) Indnc	(C) ptdpl	(C) tradtc
(C) anddim	(C) crvdcs	(C) Indncc	(C) ptdplc	(C) tradxs
(C) andln	(C) crvddup	(C) Indnl	(C) ptdpll	(C) txtna
(C) andpat	(C) crvdln	(C) Indnls	(C) ptds	(C) txtnh
(C) andpc	(C) crvdo	(C) Indtc	(C) ptdsc	(F) anadr
(C) andpl	(C) crvdr	(C) Indtcp	(C) ptdsco	(F) auxview
(C) andpt	(C) elld	(C) Indv	(C) ptdso	(F) axisdr
(C) and2ln	(C) ellda	(C) Indvh	(C) ptdxcc	(F) curve2dr
(C) and2pt	(C) elldpn	(C) Indvhs	(C) ptdxlc	(F) drw->spc
(C) /annd34	(C) gdl	(C) Ind2p	(C) ptdxll	(F) limit1
(C) axsdDup	(C) gdIndup	(C) Ind2ps	(C) /quitxt	(F) linedr
(C) cirdacr	(C) gdpt	(C) pardpn	(C) shapdup	(F) markup
(C) cirdapn	(C) gdptdup	(C) patash	(C) shapo	(F) pattern
(C) cirdapr	(C) gdpt2	(C) patcopy	(C) shaps	(F) pointdr
(C) cirda3p	(C) hypdpn	(C) ptdarc	(C) shap2p	(F) shape
(C) cirdcr	(C) Indang	(C) ptdc	(C) trada	(F) textd2
(C) cirdpr	(C) Indap	(C) ptdco	(C) tradao	(F) transfodr
(C) cirdtc	(C) Inddup	(C) ptdcp	(C) tradcm	(S) swaxisdr
(C) cirdtl	(C) Indeq	(C) ptdcpo	(C) tradinv	
(C) cird2p	(C) Indh	(C) ptddup	(C) tradr	
(C) cird3p	(C) Indhv	(C) ptdeax	(C) tradsc	
(C) cordin	(C) Indhvs	(C) ptdec	(C) tradsl	
CATIA.Drafting (dra)				
(C) /annd34	(C) /dimcord	(F) combivu	(F) draft	(F) geopar
(C) /corshap	(C) /trview	(F) dimens2	(F) drwstd	(F) reporter
CATIA.Draw-Space (2D/3D) Integration (drs)				
(B) catdraw	(F) auxview2	(F) spcdrw	(F) spcdr2	
CATIA.DXF/DWG Interface (dxf)				
(B) catdxf	(B) dxfcad			
CATIA.Dynamic Sketcher (dys)				
(C) /sketcher				
CATIA.Electrical Device and Support Modeling (eld)				
(F) e3device	(F) e3manage	(F) sptcreat		
CATIA.ELFINI Solver (elf)				
(B) catfea	(F) anelfini			
CATIA.Electrical Generative Formboard (elg)				
(B) catebc	(F) e3device dr	(F) e3formbd	(F) e3fsetup	(F) e3manage
CATIA.Electrical Wire Bundle Installation (elw)				
(B) catebc	(F) e3instal	(F) e3manage	(F) e3place	(F) sptplace
CATIA.Engraving/Embossing (eng)				
(C) /catdisp	(C) /engrave			
CATIA/CADAM.AEC Equipment Design (eqt)				

(F) eqtsetup (F) equip

#### CATIA.3D Functional Dimensioning & Tolerancing (fdt)

(C) /fdtavis (C) fdtnscho (C) fdtshow (F) fd&t  
(C) /fdtload (C) /fdtquer (F) /fdtzoom

#### CATIA.Feature-Based Design (fea)

(F) ftrclass (F) part

#### CATIA.Finite Element Modeler (fem)

(F) anmesh (F) anmesht (F) anphysic

#### CATIA.Fitting Simulation (fit)

(C) fittool (F) fitting

#### CATIA.Free Form Design (frf)

(C) /anaact (C) /anadia (C) /anaon (F) blensurf (F) nurbscrv  
(C) /anacrvt (C) /anadraft (C) /anapas (F) net1 (F) nurbssrf  
(C) /anadel (C) /anaoff (C) /anaupd (F) net2 (F) spline

#### CATIA.Generative Composite Covering (gcc)

(F) cov\_eng

#### CATIA.Generative Composite Tape Design (gct)

(F) cov\_tape

#### CATIA.Geodesic (geo)

(F) geodesic

#### CATIA.Graphics Interactive Interface (gii)

(B) catdgc (B) catpltg

#### CATIA.Generative Part: Stress Analysis, Optimization & Dynamic Analysis (gpd, gpo & gps)

(B) catansol (F) ansolid

#### CATIA.Generative Aerospace Sheetmetal Design (gsa)

(F) shm\_aero

#### CATIA.Global Shape Deformation (gsd)

(F) globdef

#### CATIA.Generative Shape Modeling (gsm)

(C) /updski (F) skin

#### CATIA.IGES Mil Standard 28000 (igc)

(B) catige (B) igecat (F) calc

#### CATIA.IGES Interface (igi)

(B) catige (B) igecat

#### CATIA.IGES Integrated Interface (igs)

(B) catige (B) igecat

#### CATIA.Image Design (imd)

(B) catimd (F) textur3d

#### CATIA.Inspection Planning Assistant (ipa)

(F) cmmaccess

#### CATIA/CADAM.AEC Piping Isometrics Production (iso)

(B) catiso (C) /isoscl (F) iso\_extr (F) isosetup

#### CATIA.Kinematics (kin)

(B) catki (C) singelt (F) kinemat (F) kinemuse

#### CATIA.Library (lib)

(B) catfam            (B) catlib            (C) detupx            (F) library

**CATIA.Data Management - Library (lic)**

(B) dblib            (C) catdla            (F) admlib            (F) cdmlib

**CATIA.Milling Analysis (maa)**

(B) catstud            (F) ncstudy

**CATIA.Fixed Axis Milling (nc3)**

(B) catnc            (F) ncmill            (F) ncverif

**CATIA.Multiple Axis Milling (nc5)**

(B) catnc            (F) ncmill            (F) ncverif

**CATIA.Manufacturing Infrastructure (ncb)**

(B) catclf            (B) cattdb            (F) ncredit            (F) ncstd  
(B) catmfg            (F) mfgprog            (F) ncfile

**CATIA.Nesting (nes)**

(B) catnest            (F) nesting

**CATIA.3D Parametric Variational Modeler (pa3)**

(C) parmexp            (C) parmtxt            (F) paramlnk  
(C) parmimp            (C) verpa3            (F) param3d

**CATIA.Publishing (pbg)**

(B) catpub            (C) /pub            (F) explode            (F) reporter  
(B) catrep            (C) capt            (F) publish

**CATIA/CADAM.AEC Piping & Instrumentation Diagrams (pid)**

(F) p&id            (F) pidbuild            (F) pidsetup

**CATIA.Hybrid Raster Editor (ras)**

(F) raster

**CATIA.Realistic Rendering Product (ren)**

(C) /catdisp            (C) /renchx            (C) /render

**CATIA.Robot and Controller Definition (roc)**

(C) robdbg            (C) roberr            (C) robtcp            (F) controlr            (F) robot

**CATIA.Cell Design and Robot Programming (ros)**

(B) catask            (C) robcol            (C) robplace            (C) robtool            (F) task  
(B) catcell            (C) roberr            (C) robtcp            (F) robuse            (F) workcell

**CATIA/CADAM.AEC Structures FEA Integration (sai)**

(B) catmsta            (F) anmanage            (F) anvisu

**CATIA.System Schematics (sch)**

(F) schema            (F) schema2

**CATIA.Ship Steelwork Design (shb)**

(F) section            (F) shipbld

**CATIA/CADAM.AEC Ship Hull Design (shd)**

(B) catgen            (B) catsec            (F) prj\_ship            (F) sw\_desgn            (F) sw\_setup

**CATIA.Sheetmetal Design (she)**

(F) bendpart

**CATIA.Ship Steelwork Production (shp)**

(B) shipext            (B) shiutil            (F) shidres

**CATIA.Exact Solids (soe)**

(B) catsoe            (C) solpatt            (C) solunres            (C) updsol            (F) solide  
(C) solpar            (C) solsize            (C) updsoe            (F) draftsol

<b>CATIA.Solid Mock-Up (som)</b>				
(B) catsol	(C) solsize	(F) draftsol	(F) solidm>e	
(C) solpar	(C) updsol	(F) solidm		
<b>CATIA.Space Analysis (spa)</b>				
(B) catif	(B) catsim	(F) interfer		
<b>CATIA.Systems Pathways Definition (spd)</b>				
(F) pathways	(F) sptcreat	(F) sptplace		
<b>CATIA.Scientific Presentation Manager (spm)</b>				
(F) anvisu				
<b>CATIA.Space Navigation (spn)</b>				
(F) box	(F) walkview			
<b>CATIA.STEP AP214 Infrastructure Interface (st1)</b>				
(B) catst1	(B) st1cat			
<b>CATIA.STEP AP227 Interface (st2)</b>				
(B) catst2	(B) st2cat			
<b>CATIA/CADAM.AEC Structural Frame Analysis (sta)</b>				
(F) st_solve				
<b>CATIA/CADAM.AEC Structural Frame Modeling (stf)</b>				
(B) catsec	(F) st_build	(F) st_frame	(F) st_setup	
<b>CATIA.STL Rapid Prototyping (stl)</b>				
(F) stl				
<b>CATIA.Structural Design (stm)</b>				
(F) section	(F) structur			
<b>CATIA.STEP AP203 Interface (stp)</b>				
(B) catstp	(B) stpcat			
<b>CATIA.Surface Design (sud)</b>				
(C) surcone	(C) surcyl	(C) sursph	(F) patch	
(C) surcrv	(C) surnet	(F) limit22d	(F) surf1	
(C) surcst	(C) surpln	(F) limit23d		
<b>CATIA.CPW/Software Environment (swe)</b>				
(B) ctt	(B) sag	(C) debugger	(C) profile	
<b>CATIA.3D Tubing Design (tu3)</b>				
(F) sptcreat	(F) tubclass	(F) tubset		
(F) sptplace	(F) tubing	(F) tuinstal		
<b>CATIA.Lathe (tur)</b>				
(B) catlath	(F) lhverif	(F) nclathe		
<b>CATIA.Visualization Studio (vst)</b>				
(C) /catdisp	(C) /renchx	(C) /render	(F) studio	(F) textur3d

### CATIA.3D Wireframe (wf3)

(C) /ananum	(C) crvln	(C) plndup	(C) pts	(C) tratc
(C) /anarel	(C) crvo	(C) plneq	(C) ptsc	(C) traxe
(C) ancir	(C) crvr	(C) plnpl	(C) ptso	(F) analysis2d
(C) ancrv	(C) crvxps	(C) plnpln	(C) ptso	(F) analysis3d
(C) anfac	(C) crvx2s	(C) plntsur	(C) ptxcc	(F) arc
(C) anln	(C) cstdup	(C) pln2l	(C) ptxcp	(F) axisssp
(C) anlpln	(C) cst2dup	(C) pln3p	(C) ptxcs	(F) curve1
(C) anpln	(C) lnang	(C) ptarc	(C) ptxic	(F) curve22d
(C) anpol	(C) lnap	(C) ptc	(C) ptxll	(F) curve23d
(C) anpt	(C) lndup	(C) ptcc	(C) ptxlp	(F) limit12d
(C) ansol	(C) lnlp	(C) ptcco	(C) ptxls	(F) limit13d
(C) anvol	(C) lnlp	(C) ptco	(C) traal	(F) line2d
(C) an2ln	(C) lnp	(C) ptcs	(C) traap	(F) line3d
(C) an2pln	(C) lnnp	(C) ptcso	(C) traapo	(F) operate
(C) an2pt	(C) lnns	(C) ptdup	(C) tracm	(F) plane
(C) axsdup	(C) lnns	(C) pteax	(C) trapp	(F) point2d
(C) cirax	(C) lnppn	(C) ptec	(C) trappo	(F) point3d
(C) cira3p	(C) lntc	(C) ptel	(C) trar	(F) spline
(C) cir3p	(C) ln2p	(C) ptepln	(C) tras	(F) transforsp2d
(C) crva	(C) ln2p	(C) ptesur	(C) trasca	(F) transforsp3d
(C) crvak	(C) ln2ps	(C) ptpc	(C) trasp	(S) switchaxis
(C) crvcm	(C) netdup	(C) ptpl	(C) traspo	
(C) crvcst	(C) plnap	(C) ptp	(C) traspt	
(C) crvdup	(C) plncrv	(C) ptps	(C) trat	

