

Numbering

Components

_lib - software, records, etc, typically uniquely needed by specific CAD model

00[00]-RESERVED (do NOT use)

01[00]-Bundle

0110-Frames

0150-Actuators

0151[z]-Thruster/Driver

Components only used for these?

Screws used within these?

0160-Tools

Nozzle

Hot-End

Cold-End

Extension (Bowden Tube)

0162-Supplementary

Filament Storage

0165-Slab (workpiece mounting surface)

0170-Tray (surface to mount electronics and similar)

0172-Rack (enclosure for electronics and similar, and/or junction box)

0175-Cabinet (arbitrary storage)

11[00]-Structural (Passive, Cut To Size)

1110[z]-Extrusions/Timbers

_resized

1112[z]-Sheets/Panels/Plates (for frames only)

_rescaled (PreDrilled only)

1115-Backing (Table)

30[00]-Conveyance

3030[z]-Shaft/Piston

3032-LeadScrew

3033[z]-Belts

3035- to 3038- RESERVED (do NOT use)

35[00]-Couplings (including flexible, u-joints, etc)

3530-LeadScrew_to_Motor

50[00]-Effectors

5050[z]-Motors/Steppers/Servos

5051[z]-RotaryBearings/RotaryShims

5052[z]-NutBlocks/PlatesEffectors/BracketsEffectors (typically belt tie-down points), etc.

5053-RESERVED

5054[z]-Guides (Wheels/Bushings/LinearBearings)

5055-Pulleys

5056-Gears

5058-Limit Switch

55[00]-RESERVED (do NOT use)

(6000 RESERVED)

(7000 RESERVED)

80[00]-Endpoints

8080-Plug

RJ45

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        misc
8081-Jack
        RJ45
        misc
8082-RESERVED (do NOT use)
8083-RESERVED (do NOT use)

85[00]-Dissipator
8580-Fans
8581-Pump
8582-Heatsink
8585-Radiator

9000-Miscellaneous
9090z-Screws/Bolts
9095-frequent (most frequently used)
9099-Misc
        zMisc (unsorted, typically uniquely needed by specific CAD model)

9100-KEEP0UT (solid objects used to mark regions reserved for future use)

94[00]
to
98[00]
        RESERVED for future use

99[00]-import
        RESERVED for future use

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Functions

Please regard as a loose specification intended to offer unallocated regions for expansion and subordinate to any improvements that may be found in actual implementations.

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_panel
Files to be opened automatically by (one or more instances of) panel.

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01-rapid
000-004 - backend profiles (eg. SteamVR Universe Manager)
005-009 - backend manager software (eg. processor clock/cooling management utility)
010-104 - rapid startup scripts (eg. batch, shell)
015-019 - GUI macro manager (eg. AutoHotKey, VoiceAttack)
020-    - external control interfaces for specific variants (eg. JoystickGremlin HOTAS profile for FA18C)
080-    - GUI reset (eg. rapid_reset, 'construct screen', 'VR Virtual Desktop')
200-    - external communications software (eg. Discord, TeamSpeak)
550-    - external navigation software (eg. DCS-Waypoint-Editor, Google Earth)
590-    - external panel (VM or Computer with PanelBoard Installed)
600-    - external telemetry or real-time diagnostics software (eg. EDMC, EDEngineer)
690-    - multilayer display management (eg. OVRDrop, 'construct desk')
798-    - external control feedback software for specific variants (eg. SimFFB for FA18C)
799-    - external workaround software (including both daemons and manually launched as needed)
800-    - start (tool, vehicle, application, etc)

02-alternate
840-    - frontend profiles (eg. visual quality settings)
888-    - modification managers (eg. JSGME)

05-maintenance
_lib    - record keeping, miscellaneous files and programs, etc
860-    - alternative program managers (eg. PiTool, Steam)
880-    - Update/Repair
889-889 - configuration managers (eg. Kneeboard Builder)

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999-import
... log files and such that may need to be obtained for external use
... links to locations of files/directories that may need to be altered manually

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