

	フォーマット	拡張子	概要
CADモデル			
1	Additive Manufacturing Format	amf	3D Printing industry consortium format alternative to STL
2	AutoCAD Export DWF Format	dwf	AutoCAD Inventor, AutoCAD Mechanical, Visual Representations
3	AutoCAD Generic DXF Format	dxf	AutoCAD historic versions, Survey, Geophysics, Modelling
4	AutoCAD Native DWG Format	dwg	AutoCAD Mechanical, Civil, Inventor, Parts, Colours, Widely Used
5	Bentley-Intergraph Microstation DGN Format	dgn	Microstation related applications
6	IGES 3D Model Interchange	igs, iges	Industry Interoperability Model Exchange, CAD Applications
7	Industry Foundation Classes IFC	ifc	BIM, AEC, Subset support, AutoCAD, Revit, Inventor, Civil
8	Polygon File Format Stanford	ply	Surface, Line & Point Open Academic and Research
9	PRC Product Representation Compact Format	prc	ISO 14739-1 3D Model used in 3D PDF context as interactive view
10	STEP AP214 3D Model Interchange	stp, step	Industry Interoperability Model Exchange, PLM, CAD Applications
11	Stereolithography ASCII Multi-part File Format	stla	CAD-CAM, 3D Printing, Triangle Mesh Surfaces, Geometry Only
12	Stereolithography Binary File Format	stlb	CAD-CAM, 3D Printing, Single Triangle Mesh, Geometry
13	Stereolithography STL File Format w/Color	stl	3D Printing, Triangle Geometry, Scanners, CAD, Materialise Magics
14	U3D Universal 3D Interchange Format	u3d	ECMA 363 used in 3D PDF context as interactive view

解析データ			
15	AVS/Express UCD Format	inp	Advanced Visual Systems Proprietary, Unstructured Mesh & Attributes
16	COMSOL Simulation Results Format	dat, txt, mphtxt	COMSOL Proprietary Mesh & Result Plot Output Format
17	Protein Data Bank Molecular Format	pdb	Chemistry, Research, Academic, well established database
18	VTK PolyData Format	vti	Visualization Toolkit polygon surface data, science,
19	VTK Model File Format	vtk	Visualization Toolkit mesh, element, multi-attribute 2D & 3D data

画像			
20	Raster Image Files	png, jpg, tiff, bmp	Universal standard image file formats, monochrome, color, alpha

地理空間			
21	ArcGIS Geospatial Grid Format	asc	ArcGIS Proprietary ASCII Grid Raster Elevation Data
22	ESRI ArcGIS Geospatial Vector Shapes	shp	ArcGIS Proprietary ShapeFile for Vector Features, 2D or 3D
23	GeoTIFF Geospatial Image and Grid Data Format	tif, tiff	Well-known TIFF image with additional Geographic coordinates included
24	GeoVRML Geospatial Format	wrl, vrml	VRML97 extended to include geographic coordinate systems, ArcScene
25	IMAGINE Multi-Channel Image or Elevation Grids	img	Hexagon Geospatial raster format for image and attribute data
26	KML Geospatial Vector Features	kml	XML based mark-up for geospatial features, ArcGIS, Google Earth
27	LiDAR LAS File Format 1.1, 1.2, 1.3	las	Point Cloud Industry Interchange Format, Space, Airborne & Terrestrial
28	LiDAR LAZ Compressed Format	laz	Very good compressed optimization option for LAS data
29	Point Cloud Formats	csv, pts, xyz	3D points, ASCII, from LiDAR, Laser, point sample systems
30	Point Cloud with Color or attribute	xyzrgb	3D points, ASCII with intensity or full RGB Color per point
31	Autodesk ReCAP RCS/RCP point cloud format	rcs, rcp	3D points, Binary with optional full RGB Color per point

32	e57 Point Cloud format	e57	3D points, Binary optional full RGB Color per point
33	Surfer Grid Format	grd	Surfer from Golden Software Proprietary raster elevation grid data
34	Surfer Colormap Format	clr	Surfer from Golden Software Proprietary color classification files
35	USGS DEM Geospatial Grid File Format	dem	Elevation grid data for terrains, bathymetry, raster data
36	ZMapPlus Geospatial Grid Field Format	dat	Earth Science Subsurface Horizon Data, ZYCOR, Historic Data Exchange
37	IRAP Classic Grid Format IFGR	ifgr	Earth Science Subsurface Horizon Data from IRAP
38	Label File Format (x,y,z,label-text) CSV	lbl	3D coordinate location and label text string in CSV format

3Dグラフィックス

39	3D GameStudio 3DGS Format	mdl	Gamestudio Development & Authoring Application for Games
40	3D Studio MAX Format	3ds	Widely used 3D graphics exchange, 3D Studio Max, AutoCAD, Textures
41	3ds Max ASE Format	ase	AutoDesk 3DS Max Proprietary 3D Model Format (subset)
42	AC3D Inivis Format	ac	AC3D Proprietary Model Creation and Editing 3D Format
43	Collada COLLABorative Design Activity Format	dae	Industry interchange rich 3D graphics, 3DS Max, Maya, Sketchup, Textures
44	Design Workshop Database	dw	AEC DesignWorkshop 3D modeling program for architectural design
45	DirectX 3D Model Format	x	Microsoft DirectX Graphics 3D Model Geometry
46	DirectX X Format	x	Microsoft DirectX Graphics Generic Data
47	FBX Graphics Format	fbx	AutoDesk binary 3D Graphics Format with optional embedded textures
48	glTF Graphics Format	glb, gltf	GL Transmission Format for WebGL 3D in Browsers
49	IVE OpenSceneGraph File Format	ive	OpenSceneGraph Framework Scene Format, version specific
50	Nendo Format	ndo	Proprietary 3D modeling and 3D painting package from IZWare
51	LightWave Object Format	lwo	LightWave Proprietary 3D Models with Materials, Texture
52	LightWave Scene Format	lws	LightWave Proprietary Scenes
53	Milkshape 3D Format	ms3d	Shareware low-polygon 3D modeling Application by Mete Ciragan
54	Neutral File Format	nnf	RayTrace Program 3D Polygon Format
55	OSG Extendable ASCII Format	osgt	OpenSceneGraph Framework Scene Format, open
56	OSG Extendable Binary Format	osgb	OpenSceneGraph Framework Scene Format, open
57	OSG Extendable XML Format	osgx	OpenSceneGraph Framework Scene Format, open
58	OSG Native Format	osg	OpenSceneGraph Framework Scene Format, with Textures
59	OSGTGZ Compressed Format	osgtgz	OpenSceneGraph Framework Scene Format, open
60	Object File Format	off	Simple Surface Polygon Unstructured 3D ASCII format
61	Ogre Graphics Engine XML Format	xml	Open Source Game Rendering Engine 3D Model Format
62	OpenFlight Format	flt	Real-time Visual Simulation Scenes with Texture
63	OpenInventor 2.1 Compressed Format	iv.gz	Industry neutral interchange 3D graphics, similar to VRML, Textures
64	OpenInventor 2.1 Format	iv	Industry neutral interchange 3D graphics, similar to VRML, Textures
65	PDF Portable Document Format Template or 3D	pdf	ISO-32000 PDF Standard, with 3D Annotations, U3D or PRC
66	PovRAY Raw Format	raw	Triangular facet 3D geometry POV Ray Tracer
67	Quake II Format	md2	Interactive Game Proprietary Scenes, Historic
68	Quake III Mesh Format	md3	Interactive Game Proprietary Scenes, geometry, meshes
69	Quick3D Format	q3s	Proprietary Quick3D File Converter Application Native
70	Return to Castle Wolfenstein Format	mdc	Interactive Game Proprietary 3D Format
71	Sense8 WorldToolKit Format	nff	Historic ASCII 3D Format from 1990s
72	Starcraft II M3 Format	m3	Proprietary Game Application 3D Actor Models
73	Terragen Terrain Format	ter	3D Landscape Terrain Tile Format from Planetside Software
74	Unreal Game Format	3d	Proprietary Game Engine 3D Model Format
75	VRML Compressed Format	wrz, vrml.gz	Very Widely used 3D graphics exchange VRML97 Standard, v1.0 or 2.0

76	VRML Uncompressed Format	wrl, vrmf	Very Widely used 3D graphics exchange, ArcScene, Pro/E, Textures
77	VOXLER 2-4, Scene format	iv	Voxler Application from Golden Software 3D Scene Export (SGI version)
78	Wavefront Object Format	obj	Widely used 3D graphics exchange, 3DS Max, AutoCAD, Maya, Textures
79	XGL, ZGL Graphics Format	xgl, zgl	Aveva Plant 3D Scene Export, Inventor, Graphics dump
80	X3D Graphics Format	x3d	eXtensible 3D Graphics Format (XML variant of VRML97)