

Datakit : converters, importers, exporters and SDK

CATIA V4, V5, V6, STEP, IGES, SolidWorks, JT, PDF, 3DPDF, Rhino, ACIS, UG NX, CADDs, STL, COLLADA, CGR, Parasolid, 3ds Max, I-deas, DXF, DWG, Inventor, ProE / Creo Parametric, Open CASCADE, PLMXML, VDA, Robcad, Solid Edge, OBJ, Unisurf, VRML, ThinkDesign, dental formats, ...

About Datakit

Datakit is a privately held and leading company founded in 1994, specialized in CAD data exchange solutions and services. It offers standalone converters, plug-ins and SDK that analyze, heal and export a large number of CAD formats.

Datakit exposes a wide range of geometrical and semantic data (assemblies, annotations, metadata, PMI...) through its varied range of products. It also provides support services for the migration of CAD databases to help customers choose the best data transfer solutions. It works closely together with independent software vendors that currently integrate its CAD data exchange solutions to their own software.

Datakit offers a range of services

- **CrossManager**
StandAlone Software & File-To-File DLLS
- **CrossCad / Plg**
Plug-ins for various software, Rhino, SolidWorks, OpenCascade, 3ds Max, ThinkDesign...
- **CrossCad / Ware**
Datakit API/SDK - Libraries for OEM integration
- Complete CAD **database migration**
- **Counseling and help** for data conversion
- **Specific conversion scripting**

Contact information

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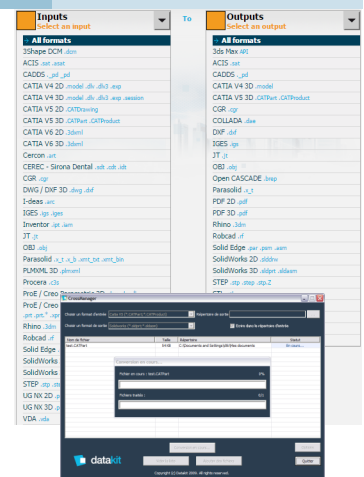
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CrossManager

Cad conversion engine

Stand-alone converters

- Converts from File-To-File
- No need for a CAD software license
- Easy and efficient to use
- 3D and 2D files processing
- More than 40 CAD formats supported



CrossCad / Plg

Cad conversion engine

Software integrated Plug-in

- Complete integration in hosting software
- No need for another CAD software license
- Update via web
- **Up-to-date with latest CAD modeling systems versions**



CrossCad / Ware

Cad conversion engine

Libraries, API & SDK

- Transparent to end user
- Access to data contained in the data files
- 100% Datakit Technology
- Completely independent from any CAD API
- A unique and straightforward code in your application for all formats.

API / SDK
dtkLib
API / SDK
dtkLib

```

StepReader::Enable();
IlgReader::Enable();
XmtReader::Enable();
VdaReader::Enable();
SatReader::Enable();
SvReader::Enable();
SfReader::Enable();
InvReader::Enable();
CgrReader::Enable();
UReader::Enable();

wchar_t temp(1024);
_wgetcwd(temp,1024);

//Then You have to Start DATAKIT API with a temporary directory
Dtk_ErrorStatus errorStatus = dtklibError;
Dtk_API = MyAPI = Dtk_API::StartAPI(temp, errorStatus);
if(MyAPI == NULL)
{
    printf("Can't Start DATAKIT API\n");
    return dtklibErrorAPINotStarted;
}

//If you want to use tessellation library start Tessellation Kernel
#define ACTIVATE_TESSELLATION_LIB
int status = tess_InitTessellation("tess_tap",0.05);
if(status == dtklibErrorLicence)
    
```