datakit

The comprehensive world of Cross*CAD*

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, I-deas, DXF, DWG, Inventor, ProE / Creo Parametric, Open CASCADE, PLMXML, VDA, Robcad, Solid Edge, OBJ, Unisurf, VRML, ThinkDesign, ...

About Datakit

Datakit was founded in 1994 to develop and promote CAD data exchange solutions and has grown into a world-leading supplier of CAD data exchange technologies used by indusrial companies as well as major software vendors worldwide. It offers standalone converters, plug-ins and Software development kits (SDK) that analyze, heal and export a large number of CAD formats.

Datakit takes into account 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 with a rental solution.

Datakit has more than 100 active software partners integrating its technology this year.

Datakit offers a range of services

- **CrossManager**
  StandAlone Software & File-To-File DLLS
- **CrossCad/Plg**
  Plug-ins for Rhino and SolidWorks
- **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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CrossManager
Cad conversion engine
Stand-alone convertors

- 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

API / SDK
dtkLib

```
StepReader::Enable();
UgReader::Enable();
ZmtReader::Enable();
VdaReader::Enable();
SatReader::Enable();
SwReader::Enable();
SeReader::Enable();
InvReader::Enable();
CgrReader::Enable();
JtReader::Enable();

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

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

//If you want to use tesselation library start Tesselation Kernel
ifdef ACTIVATE_TESSELATION_LIB
    int status = tess_InitTesselation("tess_tmp",0.05);
    if(status == dtkErrorLicence)
```

- 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.