CORE

DRAWINGS
SDK

Industry-leading toolkit for .dwg and .dgn files. A wide range of solutions, from simple data extractors to full-featured CAD editors. 100% compatibility on file level between applications using de facto industry standards: .dwg and .dgn.

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ODA | SDKs for engineering software development

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FEATURES

Reading, writing, visualization, data conversion and editing

All standard objects including complex ones

High-level API for data manipulation

Associative objects

Cloning objects inside the same drawing or to different one

Transactions

Undo/redo

Dimensions, multiline texts, tables, multileaders, dynamic blocks, etc

Creating custom objects and commands

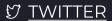SWIG generated wrappers for .NET, JAVA and Python

Comprehensive two-way conversion between DWG and DGN

Full import and export of PDF, DWF and other formats

WHAT'S NEW

- Conversion between MText entities and RTF strings
- Generating Hatch Boundary from pick point
- Native Constraints support
  - Create all types of constraints with given entities
  - List and delete constraints
  - Convert dimensions to dimensional constraints
- Conversion of OdDbSubDMesh to smoothed and optimized OdDb3dSolid or OdDbSurface

- Dgn Geo Data
- Extrude and revolve enhancements
- Slice functionality
- Full native support of OdDbSection functionality
- Flattened views
- Model Documentation
- Color books