

CADRA

Autogeometry

Programming Language for Customizing Cadra

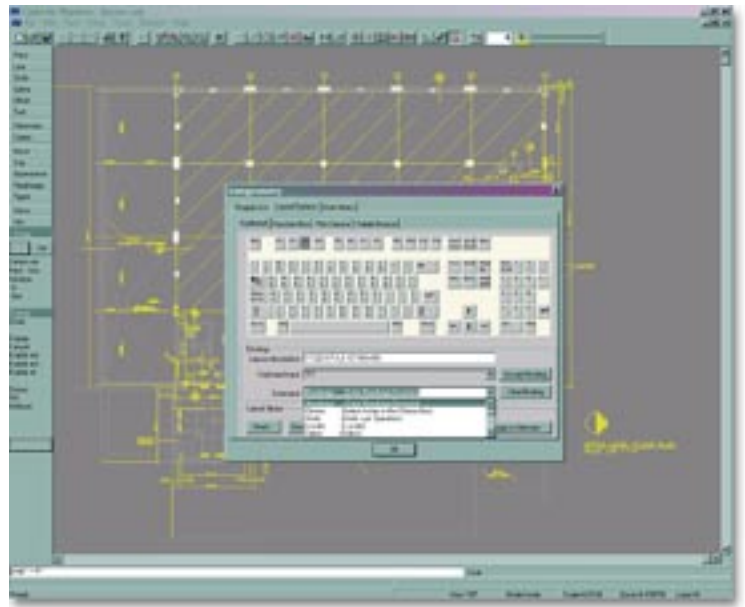
Cadra Autogeometry is an easy-to-use programming language for the Cadra family of CAD/CAM products from SofTech, Inc. It allows you to add customized commands to Cadra Design Drafting software, automate design tasks, as well as interfaces with other programs.

Why Choose Autogeometry?

- Assign frequently used command sequences to your keyboard, mouse, or tablet for one-touch execution
- Automate and streamline time-consuming start-up tasks, such as title block generation
- Add functionality to Cadra with programs assigned to function keys or invoked from the user menu
- Create libraries of programs to share with others in your organization
- Develop routines for managing drawings, creating family-of-parts, generating BOM's, and formatting standard copy blocks
- Write productive macro programs in a single day

What You Get with Autogeometry

- Menu-driven editing, compiling, and testing
- Program customization using built-in editor or user specified system editor
- Fully-editable sample programs for creating Bill of Material
- More than 100 built-in library functions for calculating geometry, accessing a database, and simulating input new library creations by grouping and saving source codes and executable versions of programs
- Unique "learn mode" for automatically saving procedures as editable text files allowing you to generate new programs without having to learn a new programming syntax
- The ability to search, alter, add, and delete drawing entities, which can be used as the foundation for a family of parts system or automated drawing system



Programming Characteristics

- Similar to FORTRAN-77
- Looping and nested loops
- Programs may be written as subroutines and used in a variety of different programs
- Programs and subroutines can be called from other applications via the COM interface
- Two-way and three-way branching
- Function and Subroutine levels
- Structural data sets
- Arithmetical, logical, and relational expressions
- Integer and double-precision constants
- Full suite of user documents

(Continued on back)

INTELLIGENT DESIGN & DRAFTING

Professional Services

SofTech also offers a number of industry leading services to assist our customers in increasing the productivity of Cadra and their engineering department. We offer the following:

- Rapid Start Programs
- Education
- Consulting
- Specialized Programs

Products

CAD/CAM products available from SofTech include:

Base Products

Cadra Design Drafting - a 2-1/2D design and drafting program designed to speed the production of mechanical drawings

Cadra NC - a 2 through 5 axis NC programming package

Cadra View/Check - a viewing and/or red-lining utility which provides broad access to Cadra drawings and models across the organization

DesignGateway - allows product data and all related project documents to be accessed, viewed, and edited

Cadra Options

CadraWorks - an integration product that tightly couples Cadra and SolidWorks

CadraDirect - reads and writes directly to industry leading software including CADAM, CADDs, DWG, DXF, IGES, and reads CATIA and MICROCADAM

CadraRaster - a raster-to-vector conversion utility for converting paper drawings into Cadra files

CadraLIB/BOM - assists Cadra users in conforming to QS/ISO standards by locating parts and storing their location automatically

CadraEDM - manages the workflow and documents of an Engineering department, which may include Cadra files

Requirements and Licensing

Cadra Autogeometry is an add-on option for use with the Cadra Design Drafting application which runs under a license management system. Under the license manager, applications can run on single systems or local and wide area networks. License management lets you configure your system for maximum resource usage while minimizing software costs. Alternately, Cadra may also be licensed utilizing the Globetrotter License Manager FLEXlm.

Platforms

Cadra Autogeometry operates on PC's running Windows NT, 2000 and XP Professional as well as UNIX workstations running HP-UX or SUN Solaris.

For More Information

To contact your local SofTech representative, call us at 1-800-800-3702 (Int'l +1 978 640 6222), e-mail us at softech-sales@softech.com or visit us on the Web at www.softech.com.



SofTech INC.

CORPORATE HEADQUARTERS:

Two Highwood Drive
Tewksbury, MA 01876
USA

Telephone: (978) 640-6222
E-mail: info@softech.com
Web: www.softech.com

For More Information:

E-mail info@softech.com
or visit www.softech.com