

Geometric Software Solutions Case Study

Geometric

Geometric is a specialist in providing PLM solutions to the global mechanical design, manufacturing and industrial markets.

Project Completed

HTML Help Files with style sheet. GeomCaliper is an innovative tool that facilitates measurement and checking of thickness on CAD models. GeomCaliper enables acceleration of the design review process for manufacturability. We developed Online Help Files for GeomCaliper.

Tools Used and Software Language

Dreamweaver 4.0 and Java

Challenge

Help Files are developed as .hlp or .chm format and linked with the software application. For Geometric we had to develop the help files in HTML format using Dream weaver.

Due to frequent change in the User Interface and logical flow of the product, our team had to implement the changes during the process. The index provided for the help system was to be in a tree structure, which the plain HTML files could not handle.

Solution

Since Technowrites writers are trained on various tools, we could work with Dreamweaver and Java. The tree structure was later constructed using Java with continuous feedback from the Geometric team.

- The help system was developed using Dreamweaver, and the output was kept as plain HTML files. This was designed with a vision of using these files through any browser-based technology.
- This design enabled the help system to be effectively and efficiently customized for:
 - both stand-alone and Catia based versions
 - developing Multilingual help system
- The Table of Contents for the online help was designed as a tree structure, to maintain a hierarchy of the Headings. This was done using Java.