# **BRL-CAD Tutorial Series: Volume IV - Converting Geometry Between BRL-CAD and Other Formats**



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#### Reviews

A must buy book if you need to adding benefit. It is actually rally fascinating through studying time. Your way of life span will likely be transform as soon as you complete looking over this publication. (Ms. Bernice Rolfson)

## BRL-CAD TUTORIAL SERIES: VOLUME IV - CONVERTING GEOMETRY BETWEEN BRL-CAD AND OTHER FORMATS



CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 48 pages. Dimensions: 11.0in. x 8.5in. x 0.1in.Since 1979, the U. S. Army Research Laboratory has been developing and distributing the Ballistic Research Laboratory - Computer-Aided Design (BRL-CAD) three-dimensional (3-D) solid modeling package to support combat vehicle vulnerability studies and various other military and industrial applications. The software, which is now in its third generation, includes a large collection of tools and utilities, including an interactive geometry editor, raytracing and generic framebuffer libraries, network-distributed image-processing signal-processing capabilities, and an embedded scripting language. In support of the package, a multivolume tutorial series is being written to assist users with the many features and functionality of BRL-CAD. Three volumes have been published thus far. Volume I provides an overview of the package contents and installation (Butler and Edwards, 2002). Volume II addresses the basic functionality of the packages Multi-Device Geometry Editor (MGED) and offers a comprehensive list of the user commands available (Butler et al., 2001). Volume III discusses the modeling process as well as principles and techniques to help maximize BRL-CADs effectiveness (Butler et al., 2003). The purpose of Volume IV is to discuss issues of compatibility and conversion between the BRL-CAD geometry file format and the formats of various other computer-aided design (CAD), computer-aided manufacturing (CAM), and computeraided engineering (CAE) packages. Conversion is increasingly important for BRL-CAD users who must interact with a growing number of Government and commercial organizations involved in the research, development, testing, and evaluation of todays combat systems. Army Research Laboratory. ARL-SR-121. This item ships from La Vergne, TN. Paperback.

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