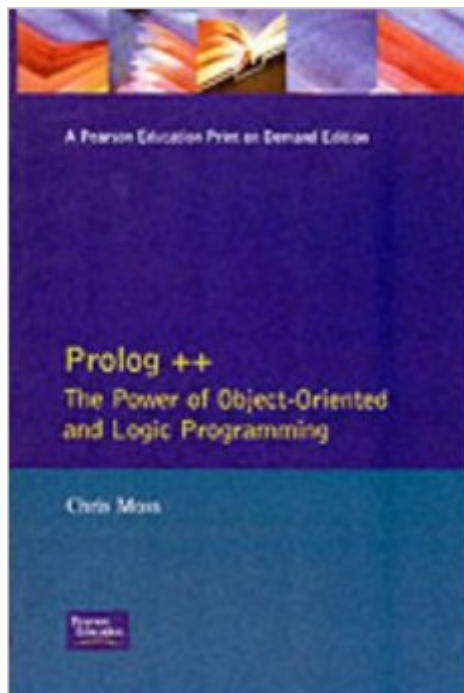# Prolog ++: The Power Of Object-Oriented And Logic Programming (International Series In Logic Programming)

Synopsis

Logic programming and object-oriented programming (OOP) are both well established as core methodologies for programming. Prolog lacks standard tools for building large programs and reusing existing software components. The answer is to complement Prolog with OOP. Using the new Prolog++ language from Logic Programming Associates, this book provides a tutorial on the language and its applications. After an overview of OOP and LP concepts, the reader is provided with worked examples showing Prolog++ in action. The second part of the book covers applications such as object-oriented databases, building an object library for Prolog, graphics and user interfaces, simulation, and natural language processing. The final part covers more state-of-the -art topics like parallelism (comparing Prolog ++ with other approaches like POLKA and PARLOG ++) and distributed databases.

Book Information

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