

电脑常用高级语言辞典

李晓燕 编著



商务出版社

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内 容 简 介

本辞典集计算机常用高级语言之大全,共收入 BASIC、ALGOL 60、FORTRAN77、PASCAL、COBOL、C、LISP、PROLOG 和 PL/1 等 9 种高级语言近 900 条词目。每一词目都有中英文对照,释义准确,简明扼要,通俗易懂。对于选用的每种语言的各种基本语法单位,均独立设置词目。这类词目,除了依据标准文本准确地给出其语法结构之外,还从语义上分点加以阐述,并用实例说明之。在实例中,特别注意了各种语言自身的风格。为便于查阅,本辞典配有汉文索引。本书可供计算机科学工作者、大专院校师生、以及学习和应用计算机技术的广大读者使用。

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气象出版社 出版

(北京西郊白石桥路46号)

北京印刷一厂印刷

气象出版社出版 各地新华书店经售

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开本: 787×1092 1/32 印张: 16 字数: 344 千字

1989年6月第一版 1989年6月第一次印刷

印数: 1—15 000 定价: 8.30元

ISBN 7-5029-0184-1/TP·0008

前 言

自 1954 年 FORTRAN I 问世以来, 计算机高级语言已经出现了几百种(约一半是专用语言), 犹如百花争艳, 千姿百态。计算机高级语言的迅速发展使它已经成为计算机科学的一个重要分支和基础, 成为应用计算机技术的一个重要工具。

计算机技术应用的众多成果, 往往是以各种计算机高级语言编写的程序形式出现的。当我们运用计算机高级语言编写程序, 或者阅读用计算机高级语言编写的程序时, 特别感到需要一本关于各种常用计算机高级语言的工具书, 以便能迅速地查找到这些计算机常用高级语言的基本的语法内容。但是, 到目前为止, 国内还没有一本专门收集各种计算机常用高级语言的辞书。这便是本人编写《电脑常用高级语言辞典》的由来。

本辞典共选取 ALGOL 60、BASIC、C、COBOL、FORTRAN 77、LISP、PASCAL、PL/1 和 PROLOG 等 9 种常用的计算机语言条目约 900 条。每个条目都配有相应的中英文对照。条目在释义上力求准确、简洁、易懂。对于选用的每种语言的各种基本语法单位均独立设置条目。这类条目, 除了依据标准文本准确地给出语法结构之外, 还从语义上分点加以描述, 并运用实例给予说明。在这些实例中, 特别注意了各种语言自身所具有的风格。为便于查阅, 本辞典附有中文索引。

本辞典书稿承蒙李传湘教授和赵振纪高级工程师全面审阅, 并提出了不少宝贵的意见, 在此深表谢意。

由于本人学识水平有限,错误和不妥之处,敬请读者批评指正。

李晓燕于 1987.8.1

使用说明

一、正文按计算机语言分类编排，其次序为：**ALGOL 60、BASIC、C、COBOL、FORTRAN 77、LISP、PASCAL、PL/1、PROLOG**。各类语言的英文条目均按字母顺序编排。

二、英文条目分类目录的编排与正文完全一致。

三、编写体例为：每个词条的开始行为英文名称和相应的中文名称，排黑体；另行起为定义、释文和举例。

四、若一个英文条目有几个汉文名称时，则分别列出，并以逗号“，”隔开。

五、中文索引按汉字笔画编排。每个中文条目均用相应的字符串（由字母、连接符“-”、斜杠符“/”组成）标明它的出处。字符串前面的大写字母代表语言种类：“A”代表 ALGOL 60 语言，“B”代表 BASIC 语言，“C”代表 C 语言，“CO”代表 COBOL 语言，“F”代表 FORTRAN 77 语言，“L”代表 LISP 语言，“PA”代表 PASCAL 语言，“PL”代表 PL/1 语言，“PR”代表 PROLOG 语言。连接符后面的英文字母是表示词条中英文单词前面的若干字母；字符串中的斜杠符是表示“或者”的意思。

例如：汉字索引中的“打开语句”，与之相应的字符串是：**CO/F/PL-op-st**。其中，“CO/F/PL”表示“打开语句”含于 COBOL 语言、FORTRAN 77 语言和 PL/1 语言之中。字符串中的“op”与“st”，分别表示相应英文词条“OPEN statement”中单词 OPEN 与 statement 的前两个字母。通过汉字索引可在 COBOL、FORTRAN 77 和 PL/1 三种语言中，查找到

“OPEN statement(打开语句)”词条正文。

个别情形例外。如：与中文词条“说明”相对应的字符串是：“A-dec-ion”。其中，“A”表示 ALGOL 60 语言，“dec”与“ion”分别表示“declaration”词首和词尾的三个字母。

六、以英文字母开头的中文词条，编在中文索引的“其它词头”中。

七、关于中括号、花括号的说明。在 COBOL、FORTRAN 77、PASCAL 和 PL/1 等语言中，中括号[]表示可选项，花括号{}表示必须且只能从纵向各项中选择一项。但是，在 PASCAL 语言的数组与集合中使用中括号例外，因为它们自身均有明确的意义。释文中圆括号里的文字表示注释。

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 specifier
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 keyboard entry statement

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- initialization
- keyword
- less-than operator
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- logical negation operator
- logical operator
- logical OR operator
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- main function
- modulus operator
- multiplication operator
- ones complement operator
- operator
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5. FORTRAN 77

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