BASIC PDF

BASIC BASIC is an acronym for Beginners All-purpose Symbolic Instruction Code. BASIC was de-eloped in the early 1960s at Dartmouth College by John Keenly and Thomas Kurtz as a teaching language It largely remained a teaching language until the introduction of microcomputer systems in the mid-1970s BASIC was 0selected as the high-level Ian-gauge for such systems due to its simplicity and "compactness"in memory compared to other high-level languages The rapid growth of microcomputers stems since the late 1970s has now resulted in BASIC being very likely the most widely used com-putter language in the world. A timesharing system that improved efficiencNandcc ease of use demanded an interactive language-BASIC-that would allow each user to type pro-grams into a terminal (similar to a personal computer) on whose screen the output would be displayed immediately. Since its invention, BASIC has been adopted by almost all computer and microcomputer manufacturers However, because the manufacturers found the language to be limited, each manufacturer would change it slightly to make use of enhancements par-titular to various machines Thus different versions(called dialects) of BASIC emerged. Such popularity has been at the expense of uniformity. ANSI developed a standard BASIC, how-ever most microcomputer systems use their own particular implementation of

BASIC　This is largely because microcomputer technology has advanced at A very rapid rate and the language has been changed to take advantage of the capabilities of the hardware. The result is that someone able to program in the BASIC used by one computer system (such as Apple) may be unable to program in the BASIC used by another computer system(such as IMB)　　　BASIC

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