

Charles W. Jackson

SHORTAN

An easy-to-use utility program that expands simple abbreviations into COBOL source code without requiring you to learn a new language.

HOW IT OPERATES

A COBOL programmer codes simple abbreviations rather than lengthy COBOL code. SHORTAN then expands these abbreviations into valid COBOL verbs, syntax, and/or data element names. These abbreviations reside on a permanent tape or disk file and are dynamically loaded into an internal core table each time the SHORTAN program is used. Subsequent table look-ups are performed using an internal binary search algorithm.

You may determine your own abbreviations, use our list of "STANDARD" abbreviations, or a combination of both. Our abbreviations are simple and easy to use. They are usually the first letter of each expanded word. For example: CONFIGURATION SECTION would be coded CS and expanded accordingly.

In some instances a COBOL coder may need one or more abbreviations that are not contained in your list of standard abbreviations. In such a situation, SHORTAN allows the coder to submit "TEMPORARY" abbreviations. These "TEMPORARY" abbreviations will be added to the standard abbreviations each time they are submitted to SHORTAN.

SHORTAN will not alter the original coding indentation, line format, etc. if an abbreviation substitution would cause the source code to extend beyond column 72, SHORTAN will automatically generate an appropriately coded continuation card-image.

WHAT IS PROVIDED

The source code is sent directly to you. Complete installation instructions and System Documentation is provided. Since you are a HP3000 user, no source code changes are necessary. Also provided is a sample program which is used to verify the SHORTAN installation. SHORTAN also has a one (1) year software warranty/support. Support for subsequent years is provided for \$100 per year.

WHAT IT WILL DO FOR YOUR COMPANY

SHORTAN can save your company time and money in three major areas:

- PROGRAM DEVELOPMENT

Development/maintenance programmer time is reduced because less code is required.

- KEY TRANSCRIPTION/VERIFICATION

Key transcription/verification time correspondingly decreases because the amount of code is reduced.

- DATA CENTER

COBOL compiler diagnostics and subsequent reruns are reduced. Less is key transcribed and, therefore, fewer errors are introduced into your source code.