

TO: MSPM Distribution  
FROM: R. M. Graham  
SUBJ: BN.7.00, BN.7.04, BN.7.09-.14  
DATE: 07/21/67

The attached sections are descriptions of additional EPL run\_time library procedures. Note that BN.7.09 supersedes BN.7.04 dated 03/11/67.

TO: MSPM Distribution  
FROM: M. A. Padlipsky  
SUBJ: BN.7.00  
DATE: 08/04/67

The attached minor revision of BN.7.00 removes several entries from the list of EPL run-time procedures; specifically, those procedures having to do with signals and conditions have been removed, as EPL now implements these features by means of the Multics system primitives discussed in BD.9.04.

Published: 08/04/67  
 (Supersedes: BN.7.00, 03/06/67;  
 BN.7.00, 06/01/67)

### Identification

The EPL run-time library  
 D. B. Wagner

### Purpose

The EPL run-time library is a collection of procedures which perform miscellaneous utility tasks for EPL-compiled code. On the whim of the compiler the compiled code may either use one of these procedures to perform a given task or perform the task itself directly.

The present Section lists the run-time library procedures which are called by EPL-compiled system programs, along with an MSPM Section reference for each. Not included are the mathematical procedures, such as sin and log, the file- conversion procedures, and the conversion procedures.

### The list

<u>Name</u>	<u>Identification</u>	<u>MSPM Section</u>
tdope_	Dope vector builder for adjustable aggregates	BN.7.01
varst_	Varying-string initializer and terminator	BN.7.02
synep_	Non-local <u>go to</u> procedure	BN.7.03
bool_	The bool function	BN.7.04
substr_	The <u>substr</u> built-in function and pseudo-variable	BN.7.05
trap_	Default condition handler for language-defined conditions	BN.7.06
hbound_ lbound_	Built-in functions <u>hbound</u> and <u>lbound</u>	BN.7.07

The list

<u>Name</u>	<u>Identification</u>	<u>MSPM Section</u>
allocate_ freen_ areamk_	Procedures for dynamic storage management	BP.4.02
datmk_	Data segment grower	BN.7.08
stgop_	String manipulation dispatcher	BN.7.09
movstr_	String copying operations	BN.7.10
andstr_	<u>And</u> and <u>or</u> string operations	BN.7.11
strcmp_	String comparison operations	BN.7.12
index_	The <u>index</u> built-in function	BN.7.13
catstr_	String concatenation operations	BN.7.14