

Heap

| |
|----------------------|
| COLLABORATORS |
|----------------------|

| | | | |
|---------------|------------------------|---------------|------------------|
| | <i>TITLE :</i> Heap | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
| WRITTEN BY | | July 22, 2024 | |

| |
|-------------------------|
| REVISION HISTORY |
|-------------------------|

| | | | |
|--------|------|-------------|------|
| NUMBER | DATE | DESCRIPTION | NAME |
| | | | |

Contents

| | | |
|----------|---------------------------------|----------|
| 1 | Heap | 1 |
| 1.1 | Heap | 1 |
| 1.2 | TMP:Modula-2/Heap.def | 1 |

Chapter 1

Heap

1.1 Heap

Prozeduren

AllocMem
BlockSize

Allocate
Deallocate

Available
Largest

1.2 TMP:Modula-2/Heap.def

```
DEFINITION MODULE Heap;
(*$ LargeVars:=FALSE NameChk:=FALSE *)
(* 16.10.88 / ms *)
(* 6.6.90 / bp *)

FROM SYSTEM IMPORT ADDRESS;

PROCEDURE Allocate (VAR adr: ADDRESS; size: LONGINT);
PROCEDURE Deallocate (VAR adr: ADDRESS);

PROCEDURE Available(chipMem: BOOLEAN): LONGINT;
PROCEDURE Largest(chipMem: BOOLEAN): LONGINT;

PROCEDURE AllocMem (VAR adr: ADDRESS; size: LONGINT;
                    chipMem: BOOLEAN);

PROCEDURE BlockSize(adr: ADDRESS): LONGINT;

END Heap.
```