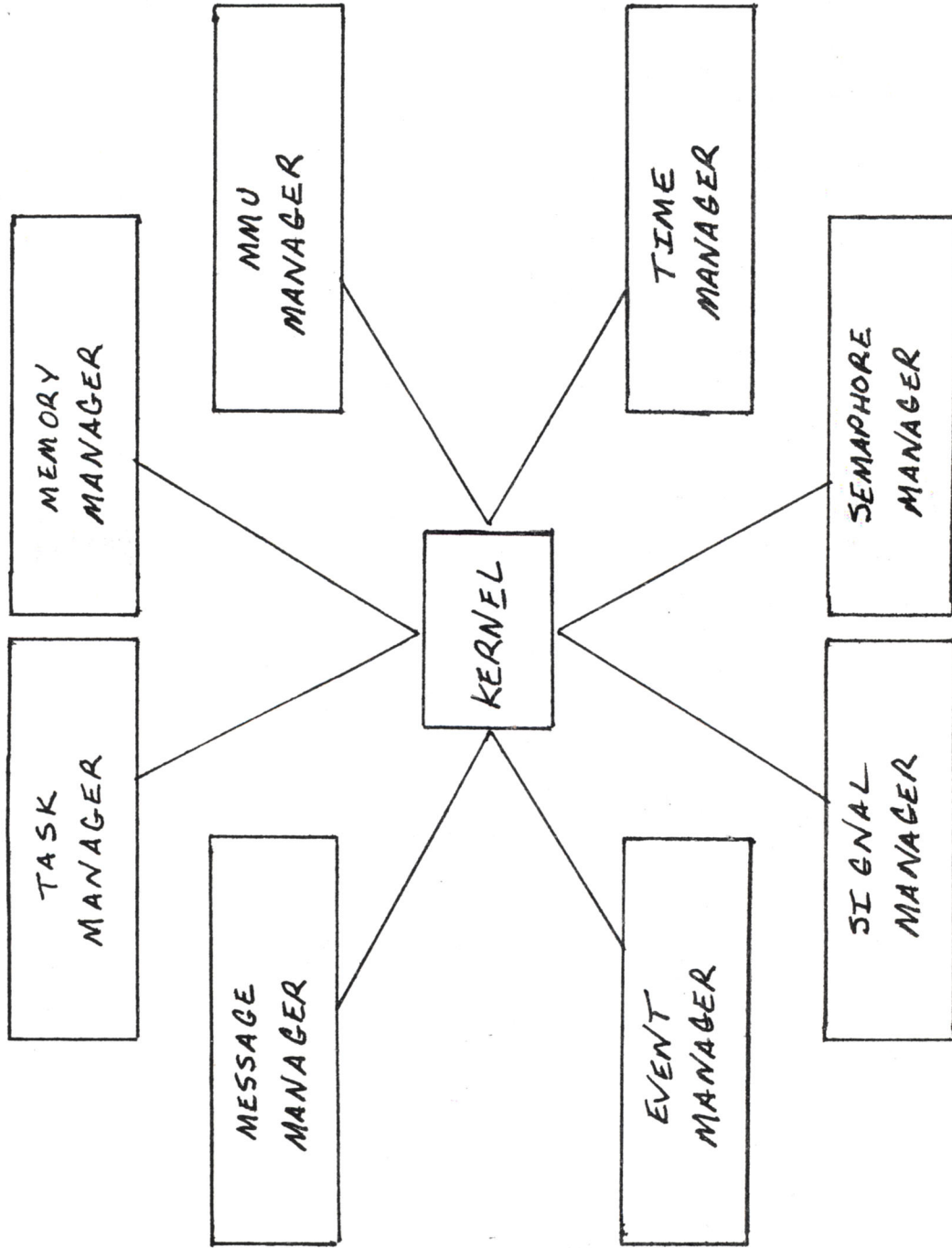
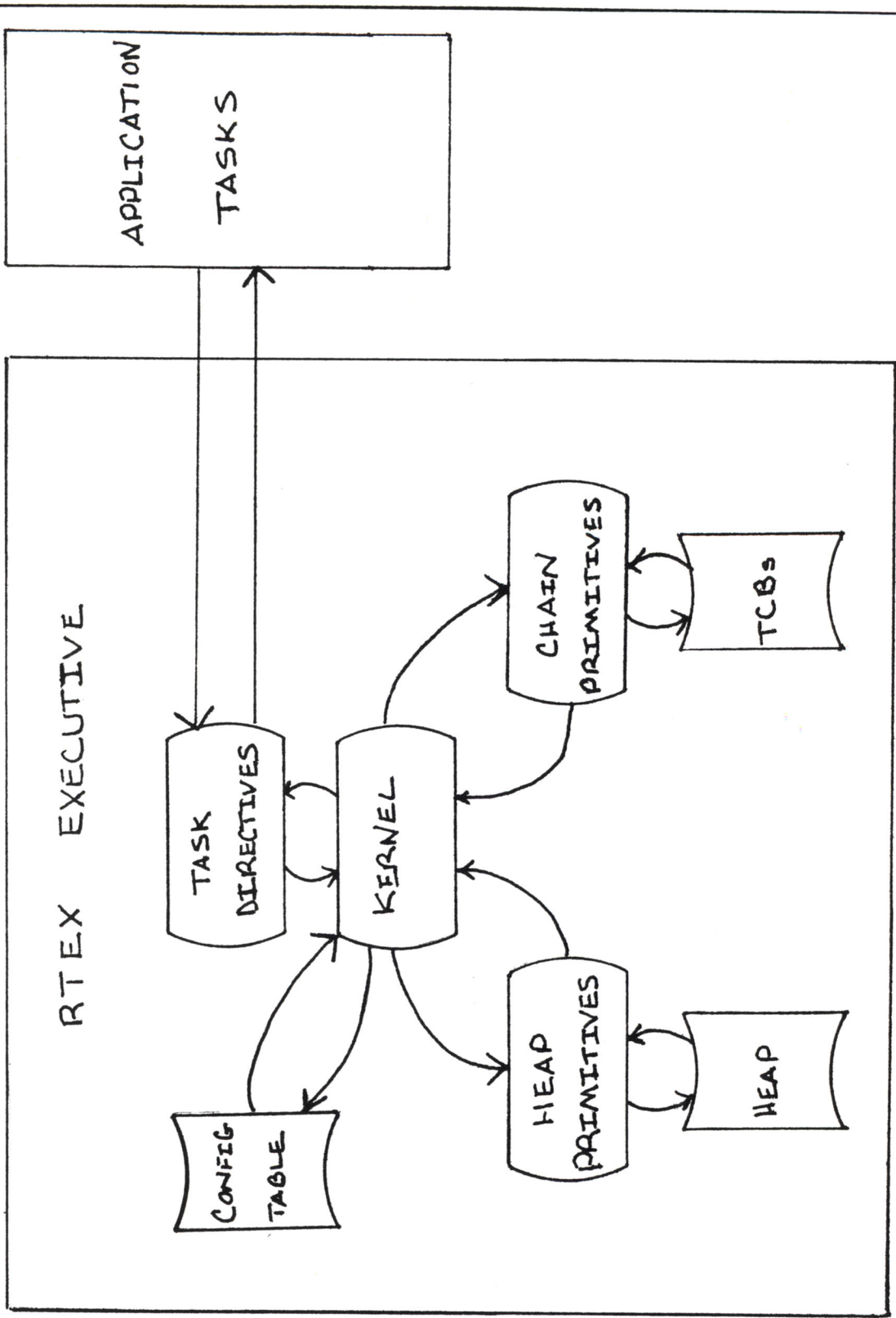


RTEX EXECUTIVE

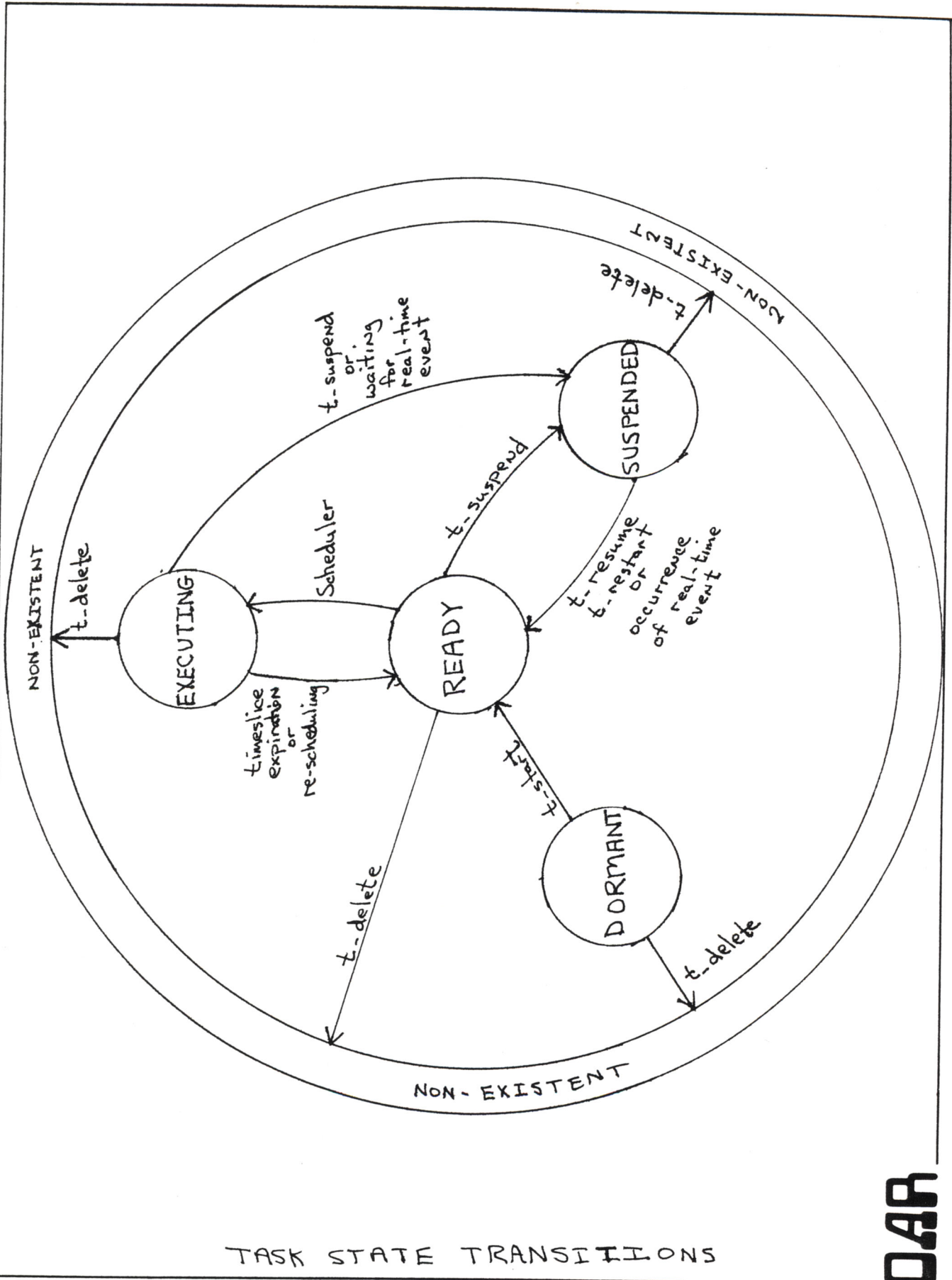




SYSTEM DATA FLOW







TASK STATE TRANSITIONS

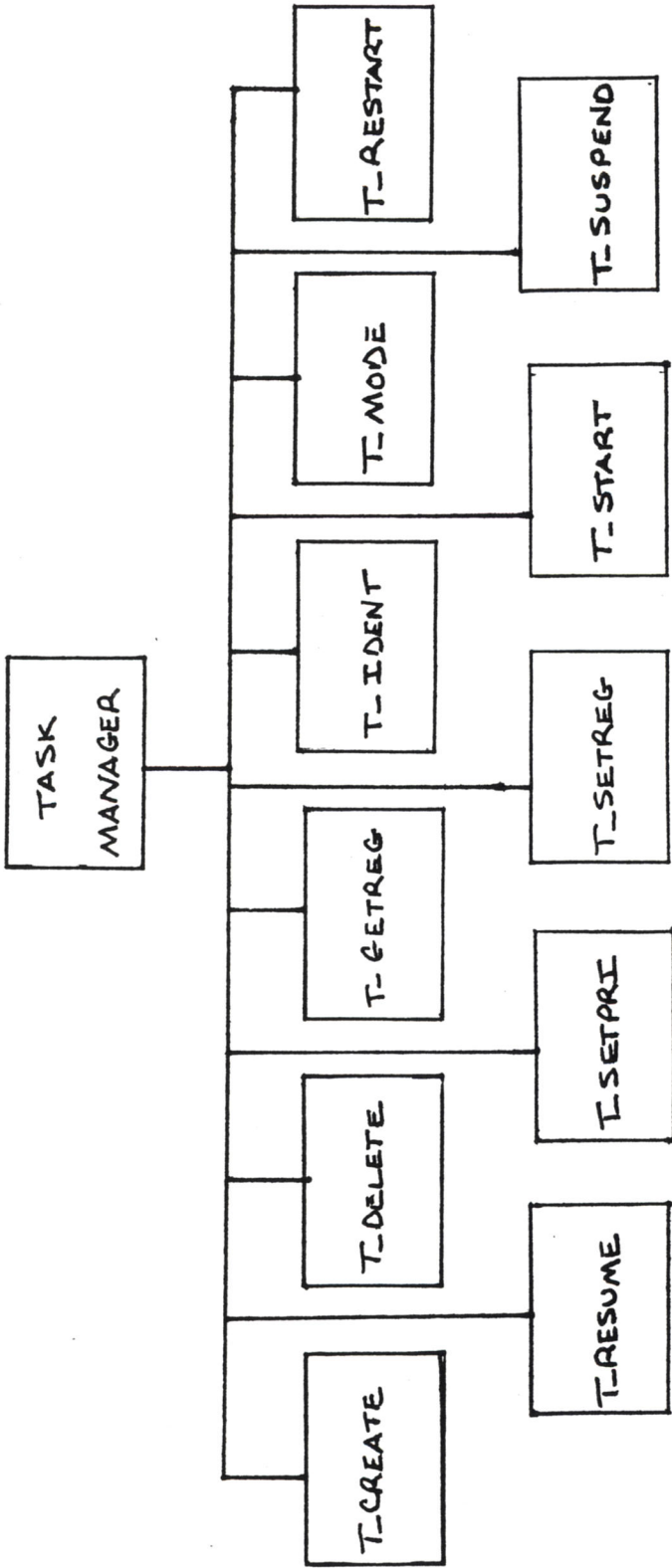


CONFIGURATION TABLE

ADDRESS OF THE EXECUTIVE'S RAM WORKSPACE
SIZE OF THE EXECUTIVE'S RAM WORKSPACE
MAXIMUM NUMBER OF TASKS
MINIMUM SUPERVISOR STACK SIZE
NUMBER OF MILLISECONDS PER TICK
NUMBER OF TICKS PER TIME SLICE
ADDRESS OF USER T_CREATE EXTENSION
ADDRESS OF USER T_DELETE EXTENSION
ADDRESS OF USER T_SWITCH EXTENSION
MINIMUM PRIORITY LEVEL
MAXIMUM PRIORITY LEVEL
MAXIMUM NUMBER OF PROCESSOR NODES
RESERVED
RESERVED
RESERVED
RESERVED







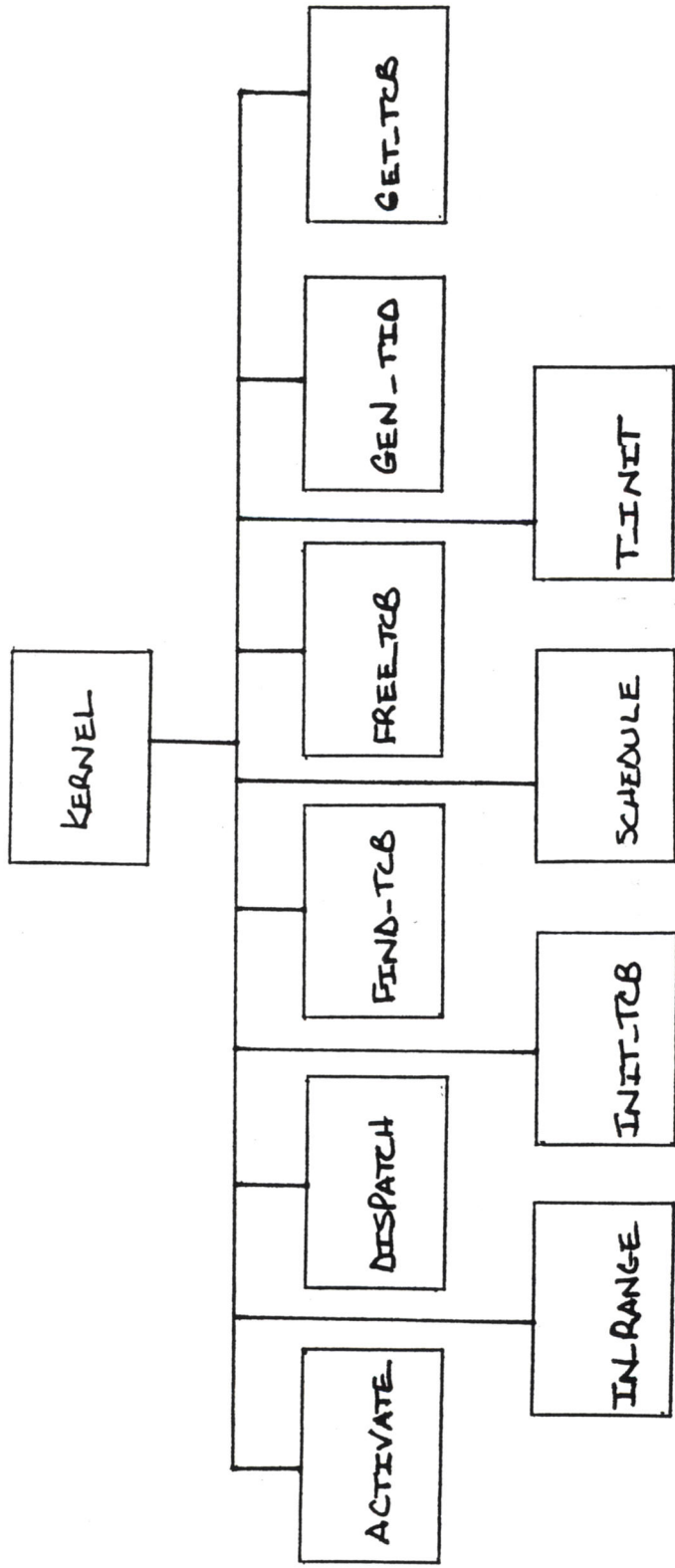


TASK CONTROL BLOCK

NEXT TCB
RESERVED
TCB EXTENSION POINTER
NAME
ATTRIBUTES
ID
CURRENT PRIORITY
CURRENT MODE
STATE
EVENT COUNT
WAIT ID
ERROR CODE
FLAGS
TIMEOUT VALUE
EXTENDED REGISTER SET
REGISTER SET
TASK START ADDRESS
START MODE
START PRIORITY
USER STACK INFORMATION
SUPERVISOR STACK INFORMATION

RE-START  
INFORMATION



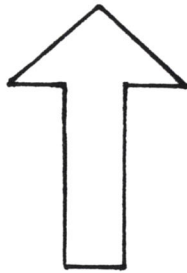




# KERNEL ENTRY

Calling Task's TCB

...
D0
D1
D2
D3
D4
D5
D6
D7
A0
A1
A2
A3
A4
A5
A6
...



Processor Registers

D0
D1
D2
D3
D4
D5
D6
D7
A0
A1
A2
A3
A4
A5
A6

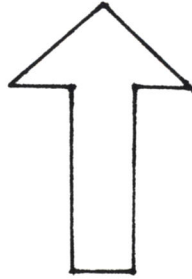




KERNEL EXIT

...	D0	D1	D2	D3	D4	D5	D6	D7	A0	A1	A2	A3	A4	A5	A6	...
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Calling  
Task's  
TCB



Processor  
Registers

D0	D1	D2	D3	D4	D5	D6	D7	A0	A1	A2	A3	A4	A5	A6
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----



