

[Q]: Как в програмке под DOS отдавать тики OS/2?

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Unit TimeTask;

INTERFACE

{

```
TaskRec.OS
0 : No MultiTasking
1 : Windows
2 : OS/2
3 : DESQview
4 : TopView
```

}

Type

```
TaskRec = record
  OS      : Word;
  Version : Word; {writeln('Version ',hi(Version), '.', lo(Version) );}
  Delay   : Word;
end;
```

Const

```
Task      : TaskRec = (
  OS       : 0;
  Version  : 0;
  Delay    : 100
);
```

Procedure TimeSlice; Procedure InitMulti;

IMPLEMENTATION

uses dos;

Procedure InitMulti; Assembler; Asm

```
mov  Task.OS, 0
mov  Task.Version, 0
mov  Ah, 30h
mov  Al, 01h
int  21h
cmp  Al, 20
je   @OS2
mov  Ax, 160Ah
int  2Fh
```

```
cmp  Ax, 0
je   @Windows
mov  Ax, 1022h
mov  Bx, 0000h
int  15h
cmp  Bx, 0
jne  @DESQview
mov  Ah, 2Bh
mov  Al, 01h
mov  Cx, 4445h
mov  Dx, 5351h
int  21h
cmp  Al, $FF
jne  @TopView
jmp  @Fin
```

@Windows:

```
Mov  Task.OS, 1
Mov  Task.Version, BX
jmp  @Fin
```

@OS2:

```
Mov  Task.OS, 2
Mov  Bh, Ah
Xor  Ah, Ah
Mov  Cl, 10
Div  Cl
Mov  Ah, Bh
Xchg Ah, Al
Mov  Task.Version, AX
jmp  @Fin
```

@DESQview:

```
mov  Task.OS, 3
jmp  @Fin
```

@TopView:

```
mov  Task.OS, 4
```

@Fin: End;

Procedure TimeSlice; Assembler; Asm

```
cmp  Task.OS, 0
je   @Fin
cmp  Task.OS, 1
```

```
je    @Win_OS2  
cmp   Task.OS, 2  
je    @Win_OS2
```

@DV_TV:

```
mov   Ax, 1000h  
int   15h  
jmp   @Fin
```

@Win_OS2:

```
mov   Ax, 1680h  
int   2Fh
```

@Fin: End;

end.

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