

DosSupport

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| COLLABORATORS |
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| | <i>TITLE :</i> DosSupport | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
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| REVISION HISTORY |
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| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

DosSupport

1.1 DosSupport

Prozeduren

| | | |
|---------------|-----------|------------|
| Close | CreateDir | DupLock |
| DupLockFromFH | Lock | Open |
| OpenFromLock | ParentDir | ParentOfFH |
| UnLock | | |

1.2 TMP:Modula-2/DosSupport.def

```
DEFINITION MODULE DosSupport;
(*$ NameChk:=FALSE LargeVars:=FALSE *)
(* 9.6.90/bp
 * Dies sind alle Dos-Prozeduren, die ein neues Lock oder
 * FileHandle erzeugen.
 * Die Objekte werden in einer Liste vermerkt und bei
 * Programmende wieder freigegeben.
 *)
```

```
FROM SYSTEM IMPORT ADDRESS;
IMPORT d:DosD;
```

```
PROCEDURE Open (name:ADDRESS; accessMode:LONGINT)
  :d. FileHandlePtr ;
PROCEDURE Close (file:d. FileHandlePtr );
PROCEDURE Lock (name:ADDRESS; accessMode:LONGINT)
  :d. FileLockPtr ;
PROCEDURE UnLock (lock:d. FileLockPtr );
PROCEDURE DupLock (lock:d. FileLockPtr )
  :d. FileLockPtr ;
PROCEDURE ParentDir (lock:d. FileLockPtr )
  :d. FileLockPtr ;
PROCEDURE CreateDir (name:ADDRESS)
  :d. FileLockPtr ;
```

```
(*
```

```
* Die folgenden Prozeduren sind nur benutzbar,  
* wenn DosL.dosVersion >= 36 ist!  
* Andernfalls: Programmabbruch!  
*)  
PROCEDURE DupLockFromFH (fh:d. FileHandlePtr  
    ):d. FileLockPtr ;  
  
(* Achtung: wandelt bei Erfolg das Lock in ein  
* FileHandle um!  
*)  
PROCEDURE OpenFromLock (lock:d. FileLockPtr  
    ):d. FileHandlePtr ;  
  
PROCEDURE ParentOfFH (fh:d. FileHandlePtr  
    ):d. FileLockPtr ;  
  
END DosSupport.def
```
