

**DiskFontD**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> DiskFontD		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		July 22, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# DiskFontD

### 1.1 DiskFontD

#### Konstanten

dfhId	diskfontName	fchId
maxFontName	maxFontPath	tfhId

#### Typ-Deklarationen

AvailFont	AvailFontHeader	AvailFontHeaderPtr
AvailFontTypeSet	AvailFontTypes	AvailFontsSet
DiskFontHeader	DiskFontHeaderPtr	FontContents
FontContentsHeader	FontContentsHeaderPtr	TAvailFont
TFontContents		

### 1.2 TMP:Modula-2/DiskFontD.def

```
DEFINITION MODULE DiskFontD; (*$Implementation:=FALSE*)
(* 16-May-1992/cn *)

FROM SYSTEM IMPORT ADDRESS, BPTR;

FROM ExecD IMPORT
  Node ;

FROM GraphicsD IMPORT
  FontFlagSet , FontStyleSet , TextAttr , TTextAttr , TextAttrPtr , TextFont
  , TextFontPtr ;

FROM UtilityD IMPORT
  TagItem , TagItemPtr ;

CONST
  diskfontName="diskfont.library";

  maxFontPath=256;
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```

maxFontName=32;

fchId=0F00H;
tfhId=0F02H;
dfhId=0F80H;

TYPE
    AvailFontTypes =(
        memory,disk,scaled,af3,af4,af5,af6,af7,af8
        ,af9,af10,af11,af12,af13,af14,a15,tagged
    );
    AvailFontTypeSet =SET OF [memory..a15];
    AvailFontsSet =SET OF AvailFontTypes ;

    FontContents =RECORD
        fileName:ARRAY [0..maxFontPath-1] OF CHAR;
        ySize:CARDINAL;
        style: FontStyleSet ;
        flags: FontFlagSet ;
    END;

    (*36*) TFontContents =RECORD
        fileName:ARRAY [0..maxFontPath-3] OF CHAR;
        tagCount:CARDINAL;
        ySize:CARDINAL;
        style: FontStyleSet ;
        flags: FontFlagSet ;
    END;

    FontContentsHeader =RECORD
        fileId:CARDINAL;
        numEntries:CARDINAL;
        (* fc:ARRAY [0..numEntries-1] OF (T)FontContents *)
    END;
    FontContentsHeaderPtr =POINTER TO FontContentsHeader ;

    DiskFontHeader =RECORD
        df: Node ;
        fileId:CARDINAL;
        revision:CARDINAL;
        CASE :INTEGER OF
            |0: segment:BPTR;
            |1: tagList: TagItemPtr ;
        END;
        name:ARRAY [0..maxFontName-1] OF CHAR;
        tf: TextFont
    END;
    DiskFontHeaderPtr =POINTER TO DiskFontHeader ;

    AvailFont =RECORD
        type: AvailFontTypeSet ;
        attr: TextAttr ;
    END;

    TAvailFont =RECORD
        type: AvailFontTypeSet ;
        attr: TTextAttr ;

```

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```
END;

AvailFontHeader =RECORD
  numEntries:CARDINAL;
  (*af:ARRAY [0..numEntries-1] OF (T)AvailFont;*)
END;
AvailFontHeaderPtr =POINTER TO AvailFontHeader ;

END DiskFontD.noimp
```

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