

IFFParseD

COLLABORATORS

	<i>TITLE :</i> IFFParseD		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

IFFParseD

1.1 IFFParseD

Konstanten

idCAT	idFORM	idLIST
idNULL	idPROP	iffRead
iffReturn2client	iffWrite	iffcmdCleanup
iffcmdEntry	iffcmdExit	iffcmdInit
iffcmdPurgelci	iffcmdRead	iffcmdSeek
iffcmdWrite	ifferrEoc	ifferrEof
ifferrMangled	ifferrNohook	ifferrNOMEM
ifferrNoscope	ifferrNotiff	ifferrRead
ifferrSeek	ifferrSyntax	ifferrWrite
iffliciCOLLECTION	iffliciENTRYHANDLER	iffliciEXITHANDLER
iffliciPROP	iffparseName	iffparseRawstep
iffparseScan	iffparseStep	iffsizeUnknown
iffsliprop	iffsliroot	iffslitop

Typ-Deklarationen

ClipboardHandle	ClipboardHandlePtr	CollectionItem
CollectionItemPtr	ContextNode	ContextNodePtr
IFFFlagSet	IFFFlags	IFFHandle
IFFHandlePtr	IFFStreamCmd	IFFStreamCmdPtr
LocalContextItem	LocalContextItemPtr	StoredProperty
StoredPropertyPtr		

1.2 TMP:Modula-2/IFFParseD.def

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

```
FROM SYSTEM IMPORT ADDRESS, BITSET, CAST;
FROM ExecD IMPORT MinNode , MsgPort ;
FROM Clipboard IMPORT IOClipReq ;
```

```
CONST
    iffparseName="iffparse.library";

TYPE
    IFFFlags =(
        write,fSeek,rSeek,iff3,iff4,iff5,iff6,iff7,iff8,iff9,iff10,iff11,
        iff12,iff13,iff14,iff15,iff16
    );
    IFFFlagSet =SET OF    IFFFlags ;

    IFFHandle =RECORD
        stream:ADDRESS;
        flags: IFFFlagSet ;
        depth:LONGINT;
    END;
    IFFHandlePtr =POINTER TO    IFFHandle ;

CONST
    iffRead= IFFFlagSet {};
    iffWrite= IFFFlagSet {write};

TYPE
    IFFStreamCmd =RECORD
        command:LONGINT;
        buf:ADDRESS;
        nBytes:LONGINT;
    END;
    IFFStreamCmdPtr =POINTER TO    IFFStreamCmd ;

    ContextNode =RECORD
        node: MinNode ;
        id:LONGINT;
        type:LONGINT;
        size:LONGINT;
        scan:LONGINT;
    END;
    ContextNodePtr =POINTER TO    ContextNode ;

    LocalContextItem =RECORD
        node: MinNode ;
        id:LONGCARD;
        type:LONGCARD;
        ident:LONGCARD;
    END;
    LocalContextItemPtr =POINTER TO    LocalContextItem ;

    StoredProperty =RECORD
        size:LONGINT;
        data:ADDRESS;
    END;
    StoredPropertyPtr =POINTER TO    StoredProperty ;

    CollectionItemPtr =POINTER TO    CollectionItem ;
    CollectionItem =RECORD
        next: CollectionItemPtr ;
        size:LONGINT;
        data:ADDRESS;
```

```
END;

ClipboardHandle =RECORD
  req: IOClipReq ;
  cbPort: MsgPort ;
  satisfyPort: MsgPort ;
END;
ClipboardHandlePtr =POINTER TO ClipboardHandle ;

CONST
  ifferrEof=-1;
  ifferrEoc=-2;
  ifferrNoscope=-3;
  ifferrNomem=-4;
  ifferrRead=-5;
  ifferrWrite=-6;
  ifferrSeek=-7;
  ifferrMangled=-8;
  ifferrSyntax=-9;
  ifferrNotiff=-10;
  ifferrNohook=-11;
  iffReturn2client=-12;

  idFORM=CAST (LONGINT,'FORM');
  idLIST=CAST (LONGINT,'LIST');
  idCAT=CAST (LONGINT,'CAT ');
  idPROP=CAST (LONGINT,'PROP');
  idNULL=CAST (LONGINT,' ');

  iffpciPROP=CAST (LONGINT,'prop');
  iffpciCOLLECTION=CAST (LONGINT,'coll');
  iffpciENTRYHANDLER=CAST (LONGINT,'enhd');
  iffpciEXITHANDLER=CAST (LONGINT,'exhd');

  iffparseScan=0;
  iffparseStep=1;
  iffparseRawstep=2;

  iffqliRoot=1;
  iffqliTop=2;
  iffqliProp=3;

  iffsizeUnknown=-1;

  iffcmdInit=0;
  iffcmdCleanup=1;
  iffcmdRead=2;
  iffcmdWrite=3;
  iffcmdSeek=4;
  iffcmdEntry=5;
  iffcmdExit=6;
  iffcmdPurgelci=7;

END IFFParseD.noimp
```