

**IFFParseL**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> IFFParseL		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		November 24, 2024	

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

# Contents

<b>1</b>	<b>IFFParseL</b>	<b>1</b>
1.1	IFFParseL . . . . .	1
1.2	TMP:Modula-2/IFFParseL.def . . . . .	1

## Chapter 1

# IFFParseL

### 1.1 IFFParseL

#### Prozeduren

AllocIFF	AllocLocalItem	CloseClipboard
CloseIFF	CollectionChunk	CollectionChunks
CurrentChunk	EntryHandler	ExitHandler
FindCollection	FindLocalItem	FindProp
FindPropContext	FreeIFF	FreeLocalItem
GoodID	GoodType	IDtoStr
InitIFF	InitIFFasClip	InitIFFasDOS
LocalItemData	OpenClipboard	OpenIFF
ParentChunk	ParseIFF	PopChunk
PropChunk	PropChunks	PushChunk
ReadChunkBytes	ReadChunkRecords	SetLocalItemPurge
StopChunk	StopChunks	StopOnExit
StoreItemInContext	StoreLocalItem	WriteChunkBytes
WriteChunkRecords		

#### Konstanten

iffparseMinVersion	iffparseName
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#### Variablen

iffparseBase	iffparseVersion
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### 1.2 TMP:Modula-2/IFFParseL.def

```
DEFINITION MODULE IFFParseL {"iffparse.library", 36};  
(* 16-Apr-1992/cn *)
```

```
FROM SYSTEM IMPORT ADDRESS;
```

```
FROM UtilityD IMPORT HookPtr ;
```

```
IMPORT
```

```
d:IFFParseD,R,ExecD;

VAR
  iffparseVersion:INTEGER;
  iffparseBase:ExecD. LibraryPtr ;

CONST
  iffparseMinVersion=36;
  iffparseName="iffparse.library";

PROCEDURE AllocIFF ():d. IFFHandlePtr ; CODE -30;

PROCEDURE AllocLocalItem (
  type{R.D0}:LONGINT;
  id{R.D1}:LONGINT;
  ident{R.D2}:LONGINT;
  dataSize{R.D3}:LONGINT):d. LocalContextItemPtr ; CODE -186;

PROCEDURE CloseClipboard (
  clipboard{R.A0}:d. ClipboardHandlePtr ); CODE -252;

PROCEDURE CloseIFF (iff{R.A0}:d. IFFHandlePtr ); CODE -48;

PROCEDURE CollectionChunk (
  iff{R.A0}:d. IFFHandlePtr ;
  type{R.D0}:LONGINT;
  id{R.D1}:LONGINT):LONGINT; CODE -138;

PROCEDURE CollectionChunks (
  iff{R.A0}:d. IFFHandlePtr ;
  propArray{R.A1}:ADDRESS;
  nProps{R.D0}:LONGINT):LONGINT; CODE -144;

PROCEDURE CurrentChunk (
  iff{R.A0}:d. IFFHandlePtr ):d. ContextNodePtr ; CODE -174;

PROCEDURE EntryHandler (
  iff{R.A0}:d. IFFHandlePtr ;
  type{R.D0}:LONGINT;
  id{R.D1}:LONGINT;
  position{R.D2}:LONGINT;
  handler{R.A1}: HookPtr ;
  object{R.A2}:ADDRESS):LONGINT; CODE -102;

PROCEDURE ExitHandler (
  iff{R.A0}:d. IFFHandlePtr ;
  type{R.D0}:LONGINT;
  id{R.D1}:LONGINT;
  position{R.D2}:LONGINT;
  handler{R.A1}: HookPtr ;
  object{R.A2}:ADDRESS):LONGINT; CODE -108;

PROCEDURE FindCollection (
  iff{R.A0}:d. IFFHandlePtr ;
  type{R.D0}:LONGINT;
  id{R.D1}:LONGINT):d. CollectionItemPtr ; CODE -162;
```

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```
PROCEDURE FindLocalItem (
    iff{R.A0}:d. IFFHandlePtr ;
    type{R.D0}:LONGINT;
    id{R.D1}:LONGINT;
    ident{R.D2}:LONGINT):d. LocalContextItemPtr ; CODE -210;

PROCEDURE FindProp (
    iff{R.A0}:d. IFFHandlePtr ;
    type{R.D0}:LONGINT;
    id{R.D1}:LONGINT):d. StoredPropertyPtr ; CODE -156;

PROCEDURE FindPropContext (
    iff{R.A0}:d. IFFHandlePtr ):d. ContextNodePtr ; CODE -168;

PROCEDURE FreeIFF (iff{R.A0}:d. IFFHandlePtr ); CODE -54;

PROCEDURE FreeLocalItem (
    localItem{R.A0}:d. LocalContextItemPtr ); CODE -204;

PROCEDURE GoodID (id{R.D0}:LONGINT):BOOLEAN; CODE -258;

PROCEDURE GoodType (type{R.D0}:LONGINT):BOOLEAN; CODE -264;

PROCEDURE IDtoStr (
    id{R.D0}:LONGINT;
    buf{R.A0}:ADDRESS):ADDRESS; CODE -270;

PROCEDURE InitIFF (
    iff{R.A0}:d. IFFHandlePtr ;
    flags{R.D0}:d. IFFFlagSet ;
    streamHook{R.A1}: HookPtr ); CODE -228;

PROCEDURE InitIFFasClip (iff{R.A0}:d. IFFHandlePtr ); CODE -240;

PROCEDURE InitIFFasDOS (iff{R.A0}:d. IFFHandlePtr ); CODE -234;

PROCEDURE LocalItemData (
    localItem{R.A0}:d. LocalContextItemPtr ):ADDRESS; CODE -192;

PROCEDURE OpenClipboard (
    unitNum{R.D0}:LONGINT):d. ClipboardHandlePtr ; CODE -246;

PROCEDURE OpenIFF (
    iff{R.A0}:d. IFFHandlePtr ;
    rwMode{R.D0}:d. IFFFlagSet ):LONGINT; CODE -36;

PROCEDURE ParentChunk (
    ctxNode{R.A0}:d. ContextNodePtr ):d. ContextNodePtr ; CODE -180;

PROCEDURE ParseIFF (
    iff{R.A0}:d. IFFHandlePtr ;
    control{R.D0}:LONGINT):LONGINT; CODE -42;

PROCEDURE PopChunk (iff{R.A0}:d. IFFHandlePtr ):LONGINT; CODE -90;

PROCEDURE PropChunk (
    iff{R.A0}:d. IFFHandlePtr ;
```

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```
        type{R.D0}:LONGINT;
        id{R.D1}:LONGINT):LONGINT; CODE -114;

PROCEDURE PropChunks (
    iff{R.A0}:d. IFFHandlePtr ;
    propArray{R.A1}:ADDRESS;
    nProps{R.D0}:LONGINT):LONGINT; CODE -120;

PROCEDURE PushChunk (
    iff{R.A0}:d. IFFHandlePtr ;
    type{R.D0}:LONGINT;
    id{R.D1}:LONGINT;
    size{R.D2}:LONGINT):LONGINT; CODE -84;

PROCEDURE ReadChunkBytes (
    iff{R.A0}:d. IFFHandlePtr ;
    buf{R.A1}:ADDRESS;
    size{R.D0}:LONGINT):LONGINT; CODE -60;

PROCEDURE ReadChunkRecords (
    iff{R.A0}:d. IFFHandlePtr ;
    buf{R.A1}:ADDRESS;
    bytesPerRecord{R.D0}:LONGINT;
    nRecords{R.D1}:LONGINT):LONGINT; CODE -72;

PROCEDURE SetLocalItemPurge (
    localItem{R.A0}:d. LocalContextItemPtr ;
    purgeHook{R.A1}: HookPtr ); CODE -198;

PROCEDURE StopChunk (
    iff{R.A0}:d. IFFHandlePtr ;
    type{R.D0}:LONGINT;
    id{R.D1}:LONGINT):LONGINT; CODE -126;

PROCEDURE StopChunks (
    iff{R.A0}:d. IFFHandlePtr ;
    propArray{R.A1}:ADDRESS;
    nProps{R.D0}:LONGINT):LONGINT; CODE -132;

PROCEDURE StopOnExit (
    iff{R.A0}:d. IFFHandlePtr ;
    type{R.D0}:LONGINT;
    id{R.D1}:LONGINT):LONGINT; CODE -150;

PROCEDURE StoreItemInContext (
    iff{R.A0}:d. IFFHandlePtr ;
    localItem{R.A1}:d. LocalContextItemPtr ;
    contextNode{R.A2}:d. ContextNodePtr ); CODE -222;

PROCEDURE StoreLocalItem (
    iff{R.A0}:d. IFFHandlePtr ;
    localItem{R.A1}:d. LocalContextItemPtr ;
    position{R.D0}:LONGINT):LONGINT; CODE -216;

PROCEDURE WriteChunkBytes (
    iff{R.A0}:d. IFFHandlePtr ;
    buf{R.A1}:ADDRESS;
```

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```
        size{R.D0}:LONGINT):LONGINT; CODE -66;

PROCEDURE WriteChunkRecords (
    iff{R.A0}:d. IFFHandlePtr ;
    buf{R.A1}:ADDRESS;
    bytesPerRecord{R.D0}:LONGINT;
    nRecords{R.D1}:LONGINT):LONGINT; CODE -78;

END IFFParseL.lib36
```

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