

LocaleD

COLLABORATORS

	<i>TITLE :</i> LocaleD		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

LocaleD

1.1 LocaleD

Konstanten

abday1	abday2	abday3
abday4	abday5	abday6
abday7	abmon1	abmon10
abmon11	abmon12	abmon2
abmon3	abmon4	abmon5
abmon6	abmon7	abmon8
abmon9	amstr	closequote
cspPrecedes	cspSucceeds	ct7FRI
ct7MON	ct7SAT	ct7SUN
ct7THU	ct7TUE	ct7WED
day1	day2	day3
day4	day5	day6
day7	hardhyphen	localeName
maxstrmsg	mon1	mon10
mon11	mon12	mon2
mon3	mon4	mon5
mon6	mon7	mon8
mon9	msAmerican	msBritish
msImperial	msIso	nostr
ocBuiltInCodeSet	ocBuiltInLanguage	ocLanguage
ocTagBase	ocVersion	openquote
pmstr	scAscii	scCollate1
scCollate2	softhyphen	spParens
spPrecAll	spPrecCurr	spSuccAll
spSuccCurr	ssNoSpace	ssSpace
yesstr		

Typ-Deklarationen

Catalog	CatalogPtr	Locale
LocaleBase	LocaleBasePtr	LocalePtr
StrPtr	UbytePtr	

1.2 TMP:Modula-2/LocaleD.def

```
DEFINITION MODULE LocaleD; (*$Implementation:=FALSE*)
(* 04-Sep-92/bp *)
```

```
(* V38 *)
```

```
FROM SYSTEM IMPORT
    LONGSET;
FROM ExecD IMPORT
    Library , Node ;
FROM UtilityD IMPORT
    tagUser;
```

```
CONST
    localeName="locale.library";
```

```
TYPE
    CatalogPtr =POINTER TO  Catalog ;
    LocaleBasePtr =POINTER TO  LocaleBase ;
    LocalePtr =POINTER TO  Locale ;
    StrPtr =POINTER TO ARRAY [0..511] OF CHAR;
    UbytePtr =POINTER TO ARRAY [0..511] OF SHORTCARD;

    LocaleBase =RECORD
        libNode:  Library ;
        sysPatches: INTEGER; (* BOOL *)
    END;
```

```
CONST
(* measuringSystem *)
    msIso=0;
    msAmerican=1;
    msImperial=2;
    msBritish=3;
```

```
(* calendarType *)
    ct7SUN=0;
    ct7MON=1;
    ct7TUE=2;
    ct7WED=3;
    ct7THU=4;
    ct7FRI=5;
    ct7SAT=6;
```

```
(* monPositiveSpaceSep, monNegativeSpaceSep *)
    ssNoSpace=0;
    ssSpace=1;
```

```
(* monPositiveSignPos, monNegativeSignPos *)
    spParens=0;
    spPrecAll=1;
    spSuccAll=2;
    spPrecCurr=3;
    spSuccCurr=4;
```

```
(* monPositiveCSPos, monNegativeCSPos *)
cspPrecedes=0;
cspSucceeds=1;
```

TYPE

```
Locale =RECORD
  localeName: StrPtr ;
  languageName: StrPtr ;
  prefLanguages:ARRAY [0..9] OF StrPtr ;
  flags:LONGSET;

  codeSet:LONGCARD;
  countryCode:LONGCARD;
  telephoneCode:LONGCARD;
  gmtOffset:LONGINT;
  measuringSystem:SHORTCARD;
  calendarType:SHORTCARD;
  reserved01:SHORTCARD;
  reserved02:SHORTCARD;

  dateTimeFormat: StrPtr ;
  dateFormat: StrPtr ;
  timeFormat: StrPtr ;

  shortDateTimeFormat: StrPtr ;
  shortDateFormat: StrPtr ;
  shortTimeFormat: StrPtr ;

  decimalPoint: StrPtr ;
  groupSeparator: StrPtr ;
  fracGroupSeparator: StrPtr ;
  grouping: UbytePtr ;
  fracGrouping: UbytePtr ;

  monDecimalPoint: StrPtr ;
  monGroupSeparator: StrPtr ;
  monFracGroupSeparator: StrPtr ;
  monGrouping: UbytePtr ;
  monFracGrouping: UbytePtr ;
  monFracDigits:SHORTCARD;
  monIntFracDigits:SHORTCARD;
  reserved10:SHORTCARD;
  reserved11:SHORTCARD;

  monCS: StrPtr ;
  monSmallCS: StrPtr ;
  monIntCS: StrPtr ;

  monPositiveSign: StrPtr ;
  monPositiveSpaceSep:SHORTCARD;
  monPositiveSignPos:SHORTCARD;
  monPositiveCSPos:SHORTCARD;
  reserved2:SHORTCARD;

  monNegativeSign: StrPtr ;
  monNegativeSpaceSep:SHORTCARD;
```

```
    monNegativeSignPos:SHORTCARD;  
    monNegativeCSPos:SHORTCARD;  
    reserved3:SHORTCARD;  
END;
```

```
(* GetLocaleStr(): *)
```

```
CONST
```

```
    day1=1;  
    day2=2;  
    day3=3;  
    day4=4;  
    day5=5;  
    day6=6;  
    day7=7;  
    abday1=8;  
    abday2=9;  
    abday3=10;  
    abday4=11;  
    abday5=12;  
    abday6=13;  
    abday7=14;  
    mon1=15;  
    mon2=16;  
    mon3=17;  
    mon4=18;  
    mon5=19;  
    mon6=20;  
    mon7=21;  
    mon8=22;  
    mon9=23;  
    mon10=24;  
    mon11=25;  
    mon12=26;  
    abmon1=27;  
    abmon2=28;  
    abmon3=29;  
    abmon4=30;  
    abmon5=31;  
    abmon6=32;  
    abmon7=33;  
    abmon8=34;  
    abmon9=35;  
    abmon10=36;  
    abmon11=37;  
    abmon12=38;  
    yesstr=39;  
    nostr=40;  
    amstr=41;  
    pmstr=42;  
    softhyphen=43;  
    hardhyphen=44;  
    openquote=45;  
    closequote=46;  
    maxstrmsg=47;
```

```
(* OpenCatalog() *)
```

```
ocTagBase=tagUser+90000H;  
ocBuiltInLanguage=ocTagBase+1;  
ocBuiltInCodeSet=ocTagBase+2;  
ocVersion=ocTagBase+3;  
ocLanguage=ocTagBase+4;
```

```
(* StrnCmp() *)  
scAscii=0;  
scCollate1=1;  
scCollate2=2;
```

```
TYPE  
  Catalog =RECORD  
    link: Node ;  
    pad:CARDINAL;  
    language: StrPtr ;  
    codeSet:LONGCARD;  
    version:CARDINAL;  
    revision:CARDINAL;  
  END;
```

```
END LocaleD.noimp
```