

**LocaleL**

COLLABORATORS
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	TITLE : LocaleL		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		July 22, 2024	

REVISION HISTORY
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## LocaleL

### 1.1 LocaleL

#### Prozeduren

CloseCatalog	CloseLocale	ConvToLower
ConvToUpper	FormatDate	FormatString
GetCatalogStr	GetLocaleStr	IsAlNum
IsAlpha	IsCntrl	IsDigit
IsGraph	IsLower	IsPrint
IsPunct	IsSpace	IsUpper
IsXDigit	OpenCatalogA	OpenLocale
ParseDate	StrConvert	StrnCmp

#### Konstanten

localeName

#### Variablen

localeBase                      localeVersion

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

```
DEFINITION MODULE LocaleL {"locale.library", 38};
(* 04-Sep-92/bp *)

FROM SYSTEM IMPORT
  ADDRESS;
FROM DosD IMPORT
  Date ;
FROM UtilityD IMPORT
  HookPtr ;
IMPORT
  R,
  d:LocaleD;
```

```
CONST
    localeName="locale.library";
VAR
    localeVersion:INTEGER;
    localeBase:d. LocaleBasePtr ;

PROCEDURE CloseCatalog(catalog{R.A0}:d. CatalogPtr ); CODE -36;
PROCEDURE CloseLocale(locale{R.A0}:d. LocalePtr ); CODE -42;
PROCEDURE ConvToLower(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):LONGCARD; CODE -48;
PROCEDURE ConvToUpper(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):LONGCARD; CODE -54;
PROCEDURE FormatDate(
    locale{R.A0}:d. LocalePtr ;
    template{R.A1}:ADDRESS;
    VAR date{R.A2}: Date ;
    putCharFunc{R.A3}: HookPtr ); CODE -60;
PROCEDURE FormatString(
    locale{R.A0}:d. LocalePtr ;
    string{R.A1}:ADDRESS;
    dataStream{R.A2}:ADDRESS;
    putCharFunc{R.A3}: HookPtr ):ADDRESS; CODE -66;
PROCEDURE GetCatalogStr(
    catalog{R.A0}:d. CatalogPtr ;
    stringNum{R.D0}:LONGINT;
    defaultString{R.A1}:ADDRESS):ADDRESS; CODE -72;
PROCEDURE GetLocaleStr(
    locale{R.A0}:d. LocalePtr ;
    stringNum{R.D0}:LONGINT):ADDRESS; CODE -78;
PROCEDURE IsAlNum(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -84;
PROCEDURE IsAlpha(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -90;
PROCEDURE IsCntrl(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -96;
PROCEDURE IsDigit(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -102;
PROCEDURE IsGraph(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -108;
PROCEDURE IsLower(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -114;
PROCEDURE IsPrint(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -120;
PROCEDURE IsPunct(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -126;
PROCEDURE IsSpace(
    locale{R.A0}:d. LocalePtr ;
```

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```
        character{R.D0}:LONGCARD):BOOLEAN; CODE -132;
PROCEDURE IsUpper(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -138;
PROCEDURE IsXDigit(
    locale{R.A0}:d. LocalePtr ;
    character{R.D0}:LONGCARD):BOOLEAN; CODE -144;
PROCEDURE OpenCatalogA(
    locale{R.A0}:d. LocalePtr ;
    name{R.A1}:ADDRESS;
    tags{R.A2}:ADDRESS):d. CatalogPtr ; CODE -150;
PROCEDURE OpenLocale(name{R.A0}:ADDRESS):d. LocalePtr ; CODE -156;
PROCEDURE ParseDate(
    locale{R.A0}:d. LocalePtr ;
    VAR date{R.A1}: Date ;
    template{R.A2}:ADDRESS;
    getCharFunc{R.A3}: HookPtr ):BOOLEAN; CODE -162;
PROCEDURE StrConvert(
    locale{R.A0}:d. LocalePtr ;
    string{R.A1}:ADDRESS;
    buffer{R.A2}:ADDRESS;
    bufferSize{R.D0}:LONGCARD;
    type{R.D1}:LONGCARD):LONGCARD; CODE -174;
PROCEDURE StrnCmp(
    locale{R.A0}:d. LocalePtr ;
    string1{R.A1}:ADDRESS;
    string2{R.A2}:ADDRESS;
    length{R.D0}:LONGINT;
    type{R.D1}:LONGCARD):LONGINT; CODE -180;

END LocaleL.lib38
```

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