

ExpansionL

COLLABORATORS

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

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

ExpansionL

1.1 ExpansionL

Prozeduren

AddBootNode	AddConfigDev	AddDosNode
AllocConfigDev	AllocExpansionMem	ConfigBoard
FindConfigDev	FreeConfigDev	FreeExpansionMem
GetCurrentBinding	MakeDosNode	↔
ObtainConfigBinding		
ReadExpansionByte	ReadExpansionRom	↔
ReleaseConfigBinding		
RemConfigDev	SetCurrentBinding	WriteExpansionByte

Konstanten

expansionMinVersion	expansionName
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Variablen

expansionBase	expansionVersion
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1.2 TMP:Modula-2/ExpansionL.def

```
DEFINITION MODULE ExpansionL {"expansion.library", 33};
(* 10-Mar-1992/cn *)
```

```
FROM SYSTEM IMPORT ADDRESS, BYTE, LONGSET;
FROM DosD IMPORT DeviceNodePtr ;
IMPORT d:ExpansionD, R;
```

```
VAR
  expansionVersion:INTEGER;
  expansionBase:d. ExpansionBasePtr ;
```

```
CONST
  expansionMinVersion=33;
```

```
expansionName="expansion.library";

PROCEDURE (*36*)  AddBootNode (
    bootPri{R.D0}:SHORTINT;
    flags{R.D1}:LONGSET;
    deviceNode{R.A0}: DeviceNodePtr ;
    configDev{R.A1}:d. ConfigDevPtr ):BOOLEAN; CODE -36;

PROCEDURE  AddConfigDev (configDev{R.A0}:d. ConfigDevPtr ); CODE -30;

PROCEDURE  AddDosNode (
    bootPri{R.D0}:SHORTINT;
    flags{R.D1}:LONGSET;
    deviceNode{R.A0}: DeviceNodePtr ):BOOLEAN; CODE -150;

PROCEDURE  AllocConfigDev ():d. ConfigDevPtr ; CODE -48;

PROCEDURE  AllocExpansionMem (
    numSlots{R.D0}:LONGCARD;
    slotOffset{R.D1}:LONGCARD):ADDRESS; CODE -54;

PROCEDURE  ConfigBoard (
    board{R.A0}:ADDRESS;
    configDev{R.A1}:d. ConfigDevPtr ):LONGINT; CODE -60;

PROCEDURE  FindConfigDev (
    oldConfigDev{R.A0}:d. ConfigDevPtr ;
    manufacturer{R.D0}:LONGINT;
    product{R.D1}:LONGINT):d. ConfigDevPtr ; CODE -72;

PROCEDURE  FreeConfigDev (configDev{R.A0}:d. ConfigDevPtr ); CODE -84;

PROCEDURE  FreeExpansionMem (
    startSlot{R.D0}:ADDRESS;
    numSlots{R.D1}:LONGCARD); CODE -90;

PROCEDURE  GetCurrentBinding (
    currentBinding{R.A0}:d. CurrentBindingPtr ;
    bindingSize{R.D0}:INTEGER):LONGINT; CODE -138;

PROCEDURE  MakeDosNode (
    parmPacket{R.A0}:d. ParameterPktPtr ): DeviceNodePtr ; CODE -144;

PROCEDURE  ObtainConfigBinding (); CODE -120;

PROCEDURE  ReadExpansionByte (
    board{R.A0}:ADDRESS;
    offset{R.D0}:LONGCARD):SHORTCARD; CODE -96;

PROCEDURE  ReadExpansionRom (
    board{R.A0}:ADDRESS;
    configDev{R.A1}:d. ConfigDevPtr ); CODE -102;

PROCEDURE  ReleaseConfigBinding (); CODE -126;

PROCEDURE  RemConfigDev (
    configDev{R.A0}:d. ConfigDevPtr ); CODE -108;
```

```
PROCEDURE SetCurrentBinding (  
    currentBinding{R.A0}:d. CurrentBindingPtr ;  
    bindingSize{R.D0}:INTEGER); CODE -132;  
  
PROCEDURE WriteExpansionByte (  
    board{R.A0}:ADDRESS;  
    offset{R.D0}:LONGCARD;  
    byte{R.D1}:BYTE); CODE -114;  
  
END ExpansionL.
```
