

**CommoditiesSupport**

COLLABORATORS
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	TITLE : CommoditiesSupport		
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## Chapter 1

# CommoditiesSupport

### 1.1 CommoditiesSupport

Prozeduren

ArgInt	ArgString	CxCustom
CxDebug	CxFilter	CxSender
CxSignal	CxTranslate	CxTypeFilter
FreeIEvents	HotKey	InvertString
NullIx	UserFilter	

Typ-Deklarationen

CustomProc	StrPtr
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### 1.2 TMP:Modula-2/CommoditiesSupport.def

```
DEFINITION MODULE CommoditiesSupport;
(*$ LargeVars:=FALSE *)

FROM SYSTEM IMPORT ADDRESS;
FROM InputEvent IMPORT InputEventPtr ,null;
FROM KeyMapD IMPORT KeyMapPtr ;
IMPORT
  CD: CommoditiesD,
  ED: ExecD;

TYPE
  StrPtr =ADDRESS; (* POINTER TO NullTerminatedString *)

  (*
   * NIEMALS LoadA4:=TRUE und Pardealloc:=FALSE vergessen!
   * Und alle Checks aus!
   *)
  CustomProc =PROCEDURE(CD. CxObjPtr , CD. CxMsgPtr );

(* CxObjPtr, CxMsgPtr: sind Opaque! *)
```

```

(*****
 * object creation macros
 *****)

PROCEDURE CxFilter (d: StrPtr ):CD. CxObjPtr ;

PROCEDURE CxTypeFilter(type:LONGINT):CD. CxObjPtr ;

PROCEDURE CxSender (port:ED. MsgPortPtr ; id:LONGINT):CD. CxObjPtr ;

PROCEDURE CxSignal (task:ED. TaskPtr ; sigNum:LONGINT):CD. CxObjPtr ;

PROCEDURE CxTranslate (ie: InputEventPtr ):CD. CxObjPtr ;

PROCEDURE CxDebug (id:LONGINT):CD. CxObjPtr ;

PROCEDURE CxCustom (action: CustomProc ; id:LONGINT):CD. CxObjPtr ;

(* matches nothing *)
PROCEDURE NullIx(VAR i:CD. IX ):BOOLEAN;

(* Procedures from cx_lib *)
(* Wird automatisch vom Modul erledigt!
PROCEDURE ArgArrayDone(); (* should not be used! *)
PROCEDURE ArgArrayInit(); (* should not be used! *)
*)
PROCEDURE ArgInt (str: StrPtr ; defaultVal:LONGINT):LONGINT;
PROCEDURE ArgString (str: StrPtr ; defaultStr: StrPtr ): StrPtr ;
PROCEDURE UserFilter(str: StrPtr ; defaultFilter: StrPtr ):CD. CxObjPtr ;
PROCEDURE FreeIEvents (ie: InputEventPtr );
PROCEDURE HotKey (descr: StrPtr ; port:ED. MsgPortPtr ; ID:LONGINT):CD. CxObjPtr ←
;
PROCEDURE InvertString (str: StrPtr ; km: KeyMapPtr ): InputEventPtr ;

END CommoditiesSupport.def

```

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