

Terminal

COLLABORATORS

	<i>TITLE :</i> Terminal		
<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

Terminal

1.1 Terminal

Prozeduren

BusyRead	Flush	Format
FormatNr	FormatS	Read
ReadLn	Write	WriteHex
WriteInt	WriteLn	WriteString

Variablen

waitCloseGadget

1.2 TMP:Modula-2/Terminal.def

```
DEFINITION MODULE Terminal;
(*$ LargeVars:=FALSE LongAlign:=FALSE NameChk:=FALSE *)

(*
 * 13.11.90/bp
 * Neue Prozedur Flush
 * Sicherheitsabfragen auf input,output#NIL eingebaut.
 *)

FROM SYSTEM IMPORT ADDRESS;

VAR waitCloseGadget: BOOLEAN;

(* Gibt den Puffer aus *)
PROCEDURE Flush ;

PROCEDURE BusyRead(VAR ch: CHAR);
PROCEDURE Read (VAR ch: CHAR);

(* ACHTUNG: setzt letztes Zeichen IMMER auf 0C !!!!! *)
PROCEDURE ReadLn(VAR st:ARRAY OF CHAR; VAR len:INTEGER);
```

```
PROCEDURE Write (ch: CHAR);
PROCEDURE WriteLn;
PROCEDURE WriteString(string: ARRAY OF CHAR);

PROCEDURE Format (str:ARRAY OF CHAR; dats:ADDRESS);

PROCEDURE FormatS(str:ARRAY OF CHAR;
                  VAR innerStr:ARRAY OF CHAR);

(*
 * Spezielles "Format" für eine Zahl:
 * Option "l" muß immer angegeben werden, da LONGINT!
 * z.B. ('count: %-5ld', 4*5+x-y)
 *)
PROCEDURE FormatNr(str:ARRAY OF CHAR; nr:LONGINT);

(* n<0: linksbündig *)
PROCEDURE WriteInt(x:LONGINT; n:INTEGER);
PROCEDURE WriteHex(x:LONGINT; n:INTEGER);

END Terminal.
```
