

**termRexx**

**COLLABORATORS**

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# Chapter 1

## termRexx

### 1.1 termRexx.guide

'term' 4.3 - A terminal program for Amiga computers

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You may make and distribute verbatim copies of this documentation if the contents are unchanged or the author has agreed to any changes made.

No guarantee of any kind is given that the program described in this document are 100% reliable. You are using this material on your own risk.

The program 'term' and the data received/sent by it must not be used for the following purposes:

1. The construction, development, production or testing of weapons or weapon systems of any kind.
2. The construction, development, production or use of plants/installations which include the processing of radioactive/fissionable material.
3. The training of persons to deal with the abovesaid actions.

Listen to your conscience.

Changes

The new ARexx interface

term and ARexx

A brief introduction

Command execution

How to execute commands

Stopping a command

---

How to pull the brakes	
Commands	A table of supported commands
Attributes	A table of available attributes
Wanted!	ARexx sample scripts wanted
Index	Contents index

## 1.2 termRexx.guide/Changes

### Changes

Previous 'term' releases would use a different ARexx host interface implementation. In order to conform to Commodore-endorsed user interface style guidelines it was redesigned from scratch for version 3.0. The design and implementation of the ARexx host interface was suggested by the 'Amiga User Interface Style Guide' and strongly influenced by Martin Taillefer's 'TurboText' ARexx host interface.

Not a simple command has 'survived' the revision, the new implementation is no longer compatible with its predecessors, so existing ARexx scripts will have to be adapted or even entirely rewritten.

'term' no longer distinguishes explicitly between asynchronous and synchronous commands (i.e. commands which force the main program to wait and commands which need not bother the main program as the ARexx handler process is able to execute them). As of this writing it is safe to assume that almost any command will be processed by the main program, exceptions are noted.

## 1.3 termRexx.guide/term\_and\_ARexx

### term and ARexx

This document describes the ARexx(tm) (1) commands supported by 'term'. This is not intended to be an introduction to the language itself. Rexx was developed by Mike F. Cowlshaw on an IBM/SP system and ported to the Amiga by William S. Hawes.

ARexx (or Amiga Rexx) is a commercial product which is included with the AmigaDOS 2.0 Enhancer Package. If you need a good introduction and description of the language, try to get a hold of the book 'The REXX

Language A Practical Approach to Programming' by M.F. Cowlshaw, available from Prentice-Hall International, Inc.

The section entitled  
    Command\_execution  
    gives a brief introduction  
how to write and run ARexx commands. For more information refer to the Release 2 Users Manual 'Using the System Software'.

By default 'term' opens an ARexx host by the name of TERM (accessible via address term). If more than a single 'term' process is running on your machine, the name of the host will be adapted to the number of the program (i.e. the first program will use TERM, the second one will use TERM.1, the third one TERM.2, etc.). The default name can be overridden by invoking the program with certain parameters (see main program documentation). The name of the host is displayed in the status window (see main program documentation).

----- Footnotes -----

(1) ARexx is a registered trademark of Wishful Thinking Development Corp.

## 1.4 termRexx.guide/Command\_execution

Command execution

In order to invoke any command supported by 'term' one usually has to address the host explicitly:

```
/* Address the 'term' host. */  
  
ADDRESS term  
  
/* Invoke the 'beepscreen' command. */  
  
BEEPSCREEN
```

However, if an ARexx script is invoked directly by the 'term' main program, the script will by default address the main program it was invoked by.

Most commands will return results or error codes on failure. To enable result codes, one has to use the options results command. The results returned by commands will be placed in the result variable:

```
/* We assume that the script will address the host it was invoked from.  
 *  
 * Enable command results.  
 */  
  
OPTIONS RESULTS
```

```

/* Request a string from the user. */

REQUESTSTRING DEFAULT 'anything' PROMPT 'Enter anything'

/* Did the user cancel the requester? */

IF rc ~= 0 THEN
  SAY 'user cancelled requester'
ELSE
  SAY result /* Output the result . */

```

Failure codes will always be returned in the rc variable (see previous example).

In case of failure (variable rc >= 10), 'term' will leave an error code in the term.lasterror variable:

```

/* Enable command results. */

OPTIONS RESULTS

/* Produce an error by not supplying any arguments. */

STOPBITS

/* Display the error code. */

SAY term.lasterror

```

Rexx tries to tokenize any command parameters, this process involves promoting them to all upper case letters and checking for illegal characters. This feature inhibits the use of the : (colon) and blank space characters in parameter names unless the corresponding arguments are enclosed in quotes. To make things even more complicated, the parser will not always accept parameters to contain blank spaces. If a command template accepts the entire command line (such as TEXT/K/F) a parameter can include any number of blank spaces. A command template to accept just a single parameter (such as TEXT/K) requires double quotes if blank spaces are included. Text such as tea or coffee? thus becomes "tea or coffee?".

```

/* The following command will fail to send the file 'ram:foobar' as the colon
 * in the path name will cause an error:
 */

```

```
SENDFILE ram:foobar
```

```
/* Here is how to do it correctly: */
```

```
SENDFILE 'ram:foobar'
```

```

/* The following command will fail to send the file 'foo bar' as the
 * file name is treated as two single files:
 */

```

```
SENDFILE foo bar
```



```

/* The next line will still fail to send the file 'foo bar'
 * as the ARexx parser will split the argument into two
 * parameters.
 */

SENDFILE 'foo bar'

/* Here is how to do it correctly: */

SENDFILE '"foo bar"'

/* The following command will not transmit the string 'Hello sailor'
 * across the serial line as the single words will be capitalized,
 * they will be transmitted as 'HELLO SAILOR':
 */

SEND Hello sailor

/* Here is how to do it correctly: */

SEND 'Hello sailor'

```

## 1.5 termRexx.guide/Stopping\_a\_command

### Stopping a command

Programs and commands sometimes fail to do what the user is expecting them to do which makes it necessary to bring program/command execution to a stop. A common ARexx script to call no external functions or host commands one can be halted in the following ways:

1. Executing the HI command (located in the SYS:rexxc drawer) from Shell. This command will attempt stop all currently running ARexx scripts.
2. If the ARexx script to be executed runs in an environment to sport an output window, activate the window and press the Control + C keys. A break signal will be sent to the ARexx script, causing it to stop as soon as possible.

With host environments such as 'term' it may not always be possible to abort a command using the simple measures described above. As for 'term' any command to wait (such as the

```

    READ
    ,
    DELAY
    or
    WAIT
    commands)

```

can be aborted by sending 'term' itself a break signal in the following fashion:

1. If the 'term' program is still attached to a Shell output window,

activate the window and press the Control + D keys.

2. If the 'term' program was invoked from a Shell but is no longer attached to it, enter status command term from Shell, remember the number printed, then enter break <number> with <number> being the number returned by the status command.
3. Press the hotkey combination configured in the program hotkey settings (see main program documentation). The default is Right Shift + Left Shift + Escape. This will cause a break signal to be sent to the 'term' program.

## 1.6 termRexx.guide/Commands

### Commands

The commands supported by 'term' are listed in a table of the following form:

#### Format:

The command name with its possible calling parameters. In this table parameters are enclosed in brackets and braces, separated by commas and vertical bars; do not type these special characters along with the parameters!:

< > (Angle brackets)

Angle brackets enclose parameters whose contents must not be omitted in order to make the command work properly.

[ ] (Square brackets)

Square brackets enclose optional parameters.

{ } (Curly braces)

Curly braces enclose items which can be repeated a number of times, such as file name lists.

| (Vertical bar)

Vertical bars separate alternative, mutually exclusive options.

, (Comma)

Commas separate multiple applicable options.

#### Template:

The command template, similar to the command templates employed by AmigaDOS Shell commands. Possible templates are:

<Parameter>/A

The parameter must always be included in order to get accepted.

<Option>/K

---

The option's keyword must be given.

<Option>/S

This option works as a switch. If this option keyword is included the switch is on, else it is off.

<Option>/N

A numeric parameter is expected.

<Option>/M

Multiple parameters are accepted.

<Text>/F

The text must be the final parameter on the command line.

, (Comma)

Indicates that the command takes no parameters.

Purpose:

Briefly describes what the command will do.

Specifications:

Describes the command and its possible uses in more detail.

Result:

The type of the command result code if any.

Warning:

If the command can return with a warning and when.

Example:

An example code fragment to illustrate how to use the command. Commands and keywords are given in upper case, the names of variables and command arguments are given in lower case. Where a single command line would not fit into a single line on the screen, an ellipsis ('...') is meant to join the broken line.

Table of commands in alphabetical order:

ACTIVATE	Activate the application
ADDITEM	Add an item to a list
BAUD	Set the serial transfer speed
BEEPSCREEN	Give a visual/audible report
CALLMENU	Invoke a menu function
CAPTURE	

---

Activate printer of file capture

CLEAR  
Clear a list or the text buffer

CLEARSCREEN  
Clear the terminal screen

CLOSE  
Terminate printer or file capture

CLOSEDEVICE  
Release the serial driver

CLOSEREQUESTER  
Close the currently open requester window

DEACTIVATE  
Deactivate the application

DELAY  
Delay command execution

DIAL  
Dial a list or a single phone number

DUPLEX  
Set the terminal duplex mode

EXECTOOL  
Execute a program

FAULT  
Return the string associated with a error code

GETATTR  
Query an application attribute

GETCLIP  
Get the contents of the clipboard

GOONLINE  
Cause 'term' to into online state

HANGUP  
Hang up the line

HELP  
Get help on a single command or invoke online-help

OPEN  
Open a configuration/phonebook file

OPENDEVICE  
(Re-)Open the serial driver

OPENREQUESTER

---

---

Open a certain requester window

PARITY  
Set the terminal parity mode

PASTECLIP  
Insert the clipboard contents into the input stream

PRINT  
Print the contents of a list

PROCESSION  
Turns serial input processing on or off

PROTOCOL  
Set the serial handshaking protocol

PUTCLIP  
Send text to the clipboard

QUIT  
Terminate the application

READ  
Read text from the terminal

RECEIVEFILE  
Receive files through the XPR protocol

REDIAL  
Redial the current dialing list

REMITEM  
Remove an item from a list

REQUESTFILE  
Requester a number of file names from the user

REQUESTNOTIFY  
Notify the user with a message

REQUESTNUMBER  
Requester a numeric value from the user

REQUESTRESPONSE  
Requester a response value from the user

REQUESTSTRING  
Requester a string value from the user

RESETSCREEN  
Reset the terminal screen

RESETSTYLES  
Reset the terminal text rendering styles

RESETTEXT

---

---

	Reset the terminal text font
RESETTIMER	Reset the online timer
RX	Execute an ARexx command
SAVE	Save configuration/phonebook to a file
SAVEAS	Save configuration/phonebook to a file
SELECTITEM	Select an item from a list
SEND	Send text across the serial line
SEENDBREAK	Send a break signal across the serial line
SENDFILE	Send files through the XPR protocol
SETATTR	Set an application attribute
SPEAK	Speak a text
STOPBITS	Set the serial stop bits
TEXTBUFFER	Lock or unlock the text buffer
TIMEOUT	Set the command timeout
TRAP	Turns trap list processing on or off
WAIT	Wait for certain text to be received
WINDOW	Manipulate the characteristics of a window

Table of commands in functional groups:

Commands dealing with text buffer and capturing

CAPTURE

---

---

Activate printer of file capture

CLEAR  
Clear a list or the text buffer

CLOSE  
Terminate printer or file capture

OPEN  
Open a configuration/phonebook file

PRINT  
Print the contents of a list

SAVE  
Save configuration/phonebook to a file

SAVEAS  
Save configuration/phonebook to a file

TEXTBUFFER  
Lock or unlock the text buffer

WINDOW  
Manipulate the characteristics of a window

Commands dealing with serial I/O

BAUD  
Set the serial transfer speed

CLOSEDEVICE  
Release the serial driver

DIAL  
Dial a list or a single phone number

DUPLEX  
Set the terminal duplex mode

HANGUP  
Hang up the line

OPENDEVICE  
(Re-)Open the serial driver

PARITY  
Set the terminal parity mode

PROCESSIO  
Turns serial input processing on or off

PROTOCOL  
Set the serial handshaking protocol

---

READ  
Read text from the terminal

REDIAL  
Redial the current dialing list

SEENDBREAK  
Send a break signal across the serial line

STOPBITS  
Set the serial stop bits

WAIT  
Wait for certain text to be received

TIMEOUT  
Set the command timeout

Commands dealing with lists

ADDITEM  
Add an item to a list

CLEAR  
Clear a list or the text buffer

DIAL  
Dial a list or a single phone number

REMITTEM  
Remove an item from a list

SELECTITEM  
Select an item from a list

SENDFILE  
Send files through the XPR protocol

TRAP  
Turns trap list processing on or off

WAIT  
Wait for certain text to be received

Commands dealing with the clipboard

GETCLIP  
Get the contents of the clipboard

PASTECLIP  
Insert the clipboard contents into the input stream

PRINT

---



---

Print the contents of a list

PUTCLIP

Send text to the clipboard

Commands dealing with file transfers

RECEIVEFILE

Receive files through the XPR protocol

SENDFILE

Send files through the XPR protocol

Commands dealing with terminal I/O

BEEPSCREEN

Give a visual/audible report

CLEARSCREEN

Clear the terminal screen

PROCESSION

Turns serial input processing on or off

READ

Read text from the terminal

RESETSCREEN

Reset the terminal screen

RESETSTYLES

Reset the terminal text rendering styles

RESETTEXT

Reset the terminal text font

SEND

Send text across the serial line

Commands dealing with windows and requesters

ACTIVATE

Activate the application

CALLMENU

Invoke a menu function

CLOSEREQUESTER

Close the currently open requester window

DEACTIVATE

---

Deactivate the application

OPENREQUESTER

Open a certain requester window

REQUESTFILE

Requester a number of file names from the user

REQUESTNOTIFY

Notify the user with a message

REQUESTNUMBER

Requester a numeric value from the user

REQUESTRESPONSE

Requester a response value from the user

REQUESTSTRING

Requester a string value from the user

WINDOW

Manipulate the characteristics of a window

Commands dealing with program attributes

GETATTR

Query an application attribute

GOONLINE

Cause 'term' to into online state

SETATTR

Set an application attribute

Commands dealing with program execution

EXECTOOL

Execute a program

RX

Execute an ARexx script

Commands dealing with file I/O

OPEN

Open a configuration/phonebook file

PRINT

Print the contents of a list

SAVE

Save configuration/phonebook to a file

SAVEAS  
Save configuration/phonebook to a file

Miscellaneous commands

DELAY  
Delay command execution

FAULT  
Return the string associated with a error code

HELP  
Get help on a single command or invoke online-help

QUIT  
Terminate the application

RESETTIMER  
Reset the online timer

SPEAK  
Speak a text

## 1.7 termRexx.guide/ACTIVATE

The ACTIVATE command

Format:

ACTIVATE

Template:

,

Purpose:

De-iconifies the program, brings the main window to the front and makes it active.

Specifications:

The program can be put to sleep using the

DEACTIVATE  
command, to

bring it back to proper operation, use the ACTIVATE command. If this command is invoked while the program is not asleep, it will cause the main window to be brought to the front and activated.

Result:

-

Warning:

---

-

Example:

```
/* This is how the main programm can be (re-)activated: */
ACTIVATE
```

## 1.8 termRexx.guide/ADDITEM

The ADDITEM command

Format:

```
ADDITEM [To] <Upload|Download|Dial|Wait> [Before|After] [Command
<Command for trap list>] [Response <Response text>] [Phone <Entry
number, name or wildcard pattern>] [Name <Name>]
```

Template:

```
TO/A,BEFORE/S,AFTER/S,RESPONSE/K,COMMAND/K,PHONE/K/F,NAME/K/F
```

Purpose:

Inserts an item (a name, a phone number, text, etc.) before or after the currently selected list item.

Specifications:

'term' maintains a number of lists, these are:

Upload list

The list of files to be uploaded.

Download list

The list of files the program has downloaded.

Dial list

The list of phone numbers or phone book entries to be dialed.

Wait list

The list of texts the

```
WAIT
```

command is to wait for.

New items can be added to the list with the ADDITEM command. The upload list expects the names of files the

```
SENDFILE
```

command is to

transfer. It makes little sense to add files names to the download list as the 'term' main program maintains it and adds the names of files received to it, but it is still possible. The wait list expects text lines the

```
WAIT
```

command will look for in the terminal

input stream. A wait list entry added using the RESPONSE keyword will if found in the input data stream cause the response text to be immediately sent to the remote. Note: a wait list entry to make use of the RESPONSE keyword will be handled by the

WAIT  
command, the ARexx script will not notice if this list entry ←  
was  
found or not.

The dial list accepts a number of different parameters:

Phonebook entry numbers

These are passed using the Phone parameter which should be a numeric value as it is used as an index to pick the corresponding entry from the phone book.

Phonebook entry names

These are also passed using the Phone parameter which can be a proper name or a wildcard pattern.

Phone numbers

These are passed using the Name parameter.

List item can be inserted before or after the currently selected list item (see

SELECTITEM  
command). The default is to insert them  
after the currently selected list item.

Result:

-

Warning:

-

Example:

```
/* Enable result codes. */  
  
OPTIONS RESULTS  
  
/* Get a file name from the user. */  
  
REQUESTFILE TITLE '"Select a file to upload"'  
  
/* Add the file name to the upload list. */  
  
IF rc = 0 THEN ADDITEM TO upload NAME result  
  
/* Add phonebook entry #2 to the dial list. */  
  
ADDITEM TO dial PHONE 2  
  
/* Add all phonebook entries whose names start  
* with an 'a' to the dial list.  
*/  
  
ADDITEM TO dial PHONE a#?  
  
/* Add a plain phone number to the dial list. */  
  
ADDITEM TO dial NAME 424242
```

## 1.9 termRexx.guide/BAUD

The BAUD command

Format:

```
BAUD [Rate] <Baud rate in bits per second>
```

Template:

```
RATE/A/N
```

Purpose:

Sets the serial line transfer speed

Specifications:

Sets the serial line transfers speed to some defined value. The rate parameter passed in will be matched against all valid baud rates supported by 'term', the closest value will be used.

Result:

-

Warning:

-

Example:

```
/* Change the serial transfer speed to 2400 bps. */  
  
BAUD 2400
```

## 1.10 termRexx.guide/BEEPSCREEN

The BEEPSCREEN command

Format:

```
BEEPSCREEN
```

Template:

,

Purpose:

'Beeps' the terminal screen.

Specifications:

Invokes a bell signal, as configured in the program settings.

Result:

-

Warning:

---

-

Example:

```
/* Invoke a bell signal. */  
  
BEEPSCREEN
```

## 1.11 termRexx.guide/CALLMENU

The CALLMENU command

Format:

```
CALLMENU [Title] <Title text or wildcard pattern>
```

Template:

```
TITLE/A/F
```

Purpose:

Invokes the function associated with a menu item.

Specifications:

Calls a pull-down menu function just as if the user had selected it using the mouse. The Title parameter can be any valid menu item name or a wildcard pattern. In the latter case, only the first menu item to match the pattern will be called.

Result:

-

Warning:

If no matching menu item was to be found.

Example:

```
/* Invoke the 'About...' menu item. */  
  
CALLMENU abou#?
```

## 1.12 termRexx.guide/CAPTURE

The CAPTURE command

Format:

```
CAPTURE [To] <Printer|File> [Name <File name>]
```

Template:

```
TO/A,NAME/K
```

Purpose:

Starts a file or printer capture.

---

**Specifications:**

If a capture is not already in progress will open a capture file or start capturing incoming terminal text to the printer. If the File argument is given and the Name parameter is omitted, will prompt for the name of a file to capture to.

If to capture to a given file, will append the captured text. If user is to select a file to capture to, will ask whether to append the text to the file or to overwrite it.

**Result:**

-

**Warning:**

In case user was to select a file and aborted the selection.

**Example:**

```
/* Open a named capture file. */  
  
CAPTURE TO file NAME 'ram:capture file'  
  
/* Close the capture file, ask the user for a file name. */  
  
CLOSE FILE  
CAPTURE TO file  
  
/* Capture to the printer. */  
  
CAPTURE TO printer
```

## 1.13 termRexx.guide/CLEAR

The CLEAR command

**Format:**

```
CLEAR [From] <Upload|Download|Dial|Wait|Buffer> [Force]
```

**Template:**

```
FROM/A, FORCE/S
```

**Purpose:**

Clears the contents of a global list or the text buffer.

**Specifications:**

This command serves to clear the contents of the lists to be maintained using the

```
ADDITEM
```

```
,
```

```
REMITEM
```

```
,
```

```
SELECTITEM
```

```
, etc. commands
```

and to purge the contents of the text buffer. In the latter case the program will prompt for confirmation in case the buffer still

---



holds any lines. This confirmation can be suppressed by using the Force parameter.

Result:

-

Warning:

In case the user did not confirm to clear the buffer.

Example:

```
/* Clear the wait list. */  
  
CLEAR FROM wait  
  
/* Clear the buffer, ask for a confirmation. */  
  
CLEAR FROM buffer  
  
/* If no confirmation was given, clear it by force. */  
  
IF rc ~= 0 THEN CLEAR FROM buffer FORCE
```

## 1.14 termRexx.guide/CLEARSCREEN

The CLEARSCREEN command

Format:

CLEARSCREEN

Template:

,

Purpose:

Clears the terminal screen

Specifications:

Clears the terminal screen and positions the cursor in the top left corner.

Result:

-

Warning:

-

Example:

```
/* Clear the terminal screen. */  
  
CLEARSCREEN
```

## 1.15 termRexx.guide/CLOSE

The CLOSE command

Format:

```
CLOSE [From] <Printer|File|All>
```

Template:

```
FROM/A
```

Purpose:

Terminates file and/or printer capture.

Specifications:

Terminates a capture process as started with the  
CAPTURE  
command.

Will terminate printer capture, file capture or both.

Result:

-

Warning:

-

Example:

```
/* Terminate both file and printer capture. */  
  
CLOSE ALL
```

## 1.16 termRexx.guide/CLOSEDEVICE

The CLOSEDEVICE command

Format:

```
CLOSEDEVICE
```

Template:

,

Purpose:

Release the current serial device driver

Specifications:

Frees the serial device driver for use with other applications.  
The driver can be reopened (or a different device driver can be  
selected) using the  
OPENDEVICE  
command.

Result:

-

---

Warning:

-

Example:

```
/* Release the serial device driver, all serial I/O
 * will be halted.
 */

CLOSEDEVICE
```

## 1.17 termRexx.guide/CLOSEREQUESTER

The CLOSEREQUESTER command

Format:

```
CLOSEREQUESTER
```

Template:

,

Purpose:

Closes the currently open requester window

Specifications:

Will close any currently open requester window, such as the dialing window, the phone book, the serial settings window, etc. Will not close windows such as the file transfer window or the text/numeric input windows.

Result:

-

Warning:

-

Example:

```
/* Close the currently open requester window,
 * whatever it may be.
 */

CLOSEREQUESTER
```

## 1.18 termRexx.guide/DEACTIVATE

The DEACTIVATE command

Format:

```
DEACTIVATE
```

---

Template:

,

Purpose:

Iconifies the program.

Specifications:

Puts the application to sleep. Requires Workbench to be running, so an AppIcon can be put on the Workbench backdrop. This command will be ignored if the application has already been put to sleep. To wake the application up, use the

```
ACTIVATE
command.
```

Result:

-

Warning:

-

Example:

```
/* Iconify the program. */
DEACTIVATE
```

## 1.19 termRexx.guide/DELAY

The DELAY command

Format:

```
DELAY [MIC|MICROSECONDS <Number>] [[SEC|SECONDS] <Number>]
[MIN|MINUTES <Number>] [QUIET]
```

Template:

```
MIC=MICROSECONDS/K/N, SEC=SECONDS/N, MIN=MINUTES/K/N, QUIET/S
```

Purpose:

Delays program execution for a couple of microseconds, seconds and minutes.

Specifications:

Will cause both the program to make the call and the application to wait for a certain period of time. Unless the QUIET option is in effect will process and display data received from the serial line.

Result:

-

Warning:

If command was aborted before the timeout had elapsed.

---

Example:

```
/* Wait for five seconds. */  
  
DELAY 5  
  
/* Wait for one second and seven microseconds. */  
  
DELAY MIC 7 SEC 5
```

## 1.20 termRexx.guide/DIAL

The DIAL command

Format:

```
DIAL [WAIT|SYNC] [[Num] <Phone number>]
```

Template:

```
WAIT=SYNC/S,NUM/F
```

Purpose:

Dials the provided phone number. If no phone number was given, will dial the numbers and phone book entries stored in the dial list.

Specifications:

This command will build a dialing list from the available sources and pass it to the dialing function which is to schedule the dialing process and perform any login-actions. Available sources are the Num parameter which will cause the command to dial only this single number or the dial list whose contents will be used if the Num parameter is omitted.

If the WAIT parameter is used the command will wait until a connection is made. If the parameter is not use this command will return as soon as the dialing process has been initiated.

Result:

-

Warning:

If no connection was to be made.

Example:

```
/* Dial a single phone number. */  
  
DIAL 424242  
  
/* Wait a bit and abort the dialing process. */  
  
DELAY 5  
CLOSEREQUESTER  
  
/* Clear the dialing list, then add all the phonebook entries  
* to the list.
```

```
*/  
  
CLEAR FROM dial  
ADDITEM TO dial PHONE #?  
  
/* Dial the dial list. */  
  
DIAL WAIT  
  
/* Did we get a connection? */  
  
IF RC == 0 THEN SEND TEXT "Ack!\r"
```

## 1.21 termRexx.guide/DUPLEX

The DUPLEX command

Format:

```
DUPLEX [Full|Half|Echo]
```

Template:

```
FULL/S,HALF=ECHO/S
```

Purpose:

Sets the serial line duplex mode.

Specifications:

Sets the serial line duplex mode, this can be either full duplex or half duplex (local echo).

Result:

-

Warning:

-

Example:

```
/* Enable local terminal echo. */  
  
DUPLEX ECHO
```

## 1.22 termRexx.guide/EXECTOOL

The EXECTOOL command

Format:

```
EXECTOOL [Console] [Async] [Port] [Command] <File name>
```

Template:

```
CONSOLE/S,ASYNC/S,PORT/S,COMMAND/A/F
```

---

**Purpose:**

Executes a program.

**Specifications:**

Will load and execute an AmigaDOS program. The Console parameter will cause an output file or window to be opened, the Async parameter will cause the command to return as soon as the execution process has been launched. The Port parameter will cause the current ARexx host port name to be passed to the tool on the command line.

**Result:**

-

**Warning:**

-

**Example:**

```
/* Launch the 'Dir' command. */  
  
EXECTOOL CONSOLE COMMAND 'dir c:'
```

## 1.23 termRexx.guide/FAULT

The FAULT command

**Format:**

```
FAULT [Code] <Error code>
```

**Template:**

```
CODE/A/N
```

**Purpose:**

Returns the descriptive text associated with an error code as returned by 'term'.

**Specifications:**

'term' will return error codes in the term.lasterror variable. In order to get the descriptive text associated with an error code, use this command. All internal Rexx and AmigaDOS errors codes are supported as well as the error codes special to 'term'.

**Result:**

The error description associated with the error code.

**Warning:**

-

**Example:**

```
/* Enable command results. */  
  
OPTIONS RESULTS
```

```
/* Get the text associated with error #1001. */  
  
FAULT 1001  
  
/* Output the result. */  
  
SAY result
```

## 1.24 termRexx.guide/GETATTR

The GETATTR command

**Format:**

```
GETATTR [Object] <Name> [Field] <Name> [Stem <Name>] [Var <Name>]
```

**Template:**

```
OBJECT/A, FIELD, STEM/K, VAR/K
```

**Purpose:**

Obtains information on an application attribute.

**Specifications:**

Obtains information on an object, if possible will store it in the result variable. If a stem or simple variable name is given using the Stem or Var parameters will store the information in this variable. If no Field parameter is given, will store the entire object contents which requires that the Stem parameter is given. For a list of valid attributes see the section entitled  
Attributes  
.

**Result:**

Returns information either in result variable or in the supplied Stem or Var variable.

**Warning:**

-

**Example:**

```
/* Enable command results. */  
  
OPTIONS RESULTS  
  
/* Query the name of the ARexx host we are communicating with. */  
  
GETATTR OBJECT term FIELD arexx  
  
/* Output the result. */  
  
SAY result  
  
/* Same as above, but using a different syntax. */  
  
GETATTR term.arexx
```



```
SAY result

/* Store the entire contents of the phone book in a
 * stem variable.
 */

GETATTR phonebook STEM book

/* Output the phonebook contents. */

SAY 'phone book contains' book.count 'entries'

DO i = 0 TO book.count - 1
  SAY 'entry #' i

      SAY 'name      :' book.i.name
      SAY 'number   :' book.i.number
      SAY 'comment  :' book.i.commenttext
      SAY 'username:' book.i.username
END i
```

## 1.25 termRexx.guide/GETCLIP

The GETCLIP command

Format:

```
GETCLIP [Unit <Number>]
```

Template:

```
UNIT/K/N
```

Purpose:

Retrieves the contents of the clipboard.

Specifications:

Obtains the contents of the clipboard and returns it in the result variable. Will optionally read from the given clipboard unit, but uses the unit number selected in the application settings by default. Note that a string returned can be up to 65,536 characters long!

Result:

Contents of the clipboard if it contains any text.

Warning:

If clipboard does not contain any text.

Example:

```
/* Enable command results. */

OPTIONS RESULTS

/* Get the primary clipboard contents. */
```

```
GETCLIP

/* Output the contents. */

IF rc ~= 0 THEN
    SAY 'clipboard does not contain any text'
ELSE
    SAY result
```

## 1.26 termRexx.guide/GOONLINE

The GOONLINE command

Format:

```
GOONLINE
```

Template:

```
,
```

Purpose:

Cause 'term' to go into online state.

Specifications:

After this command is processed 'term' will immediately go into online state. If the carrier signal is to be checked and no signal is present 'term' will drop into offline state right away.

Result:

```
-
```

Warning:

```
-
```

Example:

```
/* Go into online state. */

GOONLINE
```

## 1.27 termRexx.guide/HANGUP

The HANGUP command

Format:

```
HANGUP
```

Template:

```
,
```

Purpose:

---

Hang up the serial line.

Specifications:

Hangs up the serial line, executes logoff and cleanup operations.

Result:

-

Warning:

-

Example:

```
/* Hang up the line, whether the program is online or not. */  
  
HANGUP
```

## 1.28 termRexx.guide/HELP

The HELP command

Format:

```
HELP [[Command] <Name>] [Prompt]
```

Template:

```
COMMAND,PROMPT/S
```

Purpose:

Returns the template of a command or invokes the online help system.

Specifications:

This command will either return the template associated with a 'term' ARexx command specified using the Command parameter or invoke the AmigaGuide(tm) help system.

Result:

Command template if requested.

Warning:

-

Example:

```
/* Enable command results. */  
  
OPTIONS RESULTS  
  
/* Query the template associated with the 'selectitem' command. */  
  
HELP selectitem  
  
/* Output the result. */  
  
SAY result
```

```
/* Invoke the online help. */  
  
HELP PROMPT
```

## 1.29 termRexx.guide/OPEN

The OPEN command

Format:

```
OPEN [Name <File name>] [TO] <Translations|Functionkeys|Cursorkeys|  
Fastmacros|Hotkeys|Speech|Sound|Buffer|Configuration|Phone>
```

Template:

```
NAME/K, TO/A
```

Purpose:

Reads data from a disk file.

Specifications:

This command reads the contents of a disk file and stores the information either in the configuration, the phone book or the text buffer. If text is read into the text buffer it will be appended to the existing text. If no file name is given will prompt the user to select a file.

Result:

-

Warning:

If user was requested to select a file and cancelled the selection.

Example:

```
/* Load the configuration from a file. */  
  
OPEN NAME 'ram:term.prefs' TO configuration  
  
/* Add text to the text buffer. */  
  
OPEN TO buffer
```

## 1.30 termRexx.guide/OPENDEVICE

The OPENDEVICE command

Format:

```
OPENDEVICE [Name <Device name>] [Unit <Number>]
```

Template:

```
NAME/K, UNIT/K/N
```

---

**Purpose:**

(Re-)Opens the serial device driver.

**Specifications:**

(Re-)Opens the previously released (see CLOSEDEVICE command) device driver or a different device driver/unit if the corresponding Device and Unit parameters are given.

**Result:**

-

**Warning:**

-

**Example:**

```
/* Release the serial device driver. */  
  
CLOSEDEVICE  
  
/* Open a different device driver. */  
  
OPENDEVICE DEVICE 'duart.device' UNIT 5
```

## 1.31 termRexx.guide/OPENREQUESTER

The OPENREQUESTER command

**Format:**

```
OPENREQUESTER [REQUESTER]  
<Serial|Modem|Screen|Terminal|Emulation|Clipboard|
```

Capture|Commands|Misc|Path|Transfer|Translations|Functionkeys|Cursorkeys|  
Fastmacros|Hotkeys|Speech|Sound|Phone>

**Template:**

```
REQUESTER/A
```

**Purpose:**

Opens a requester window.

**Specifications:**

Opens a requester window. Only a single window can be open at a time. The window opened can be closed using the CLOSEREQUESTER command.

Result:

-

Warning:

-

Example:

```
/* Open the phonebook window. */  
  
OPENREQUESTER phone
```

## 1.32 termRexx.guide/PARITY

The PARITY command

Format:

```
PARITY [Even|Odd|None|Mark|Space]
```

Template:

```
EVEN/S, ODD/S, NONE/S, MARK/S, SPACE/S
```

Purpose:

Sets the serial line parity mode.

Specifications:

Sets the serial line parity mode.

Result:

-

Warning:

-

Example:

```
/* Set the parity mode. */  
  
PARITY NONE
```

## 1.33 termRexx.guide/PASTECLIP

The PASTECLIP command

Format:

```
PASTECLIP [Unit <Number>]
```

Template:

```
UNIT/K/N
```

Purpose:

---

Feed the contents of the clipboard into the input stream.

**Specifications:**

Feeds the contents of the clipboard into the input stream. Obtains the data either from the given clipboard unit or from the default unit configured in the program settings.

**Result:**

-

**Warning:**

If clipboard does not contain any text.

**Example:**

```
/* Paste the contents of clipboard #2. */

PASTECLIP UNIT 2
```

## 1.34 termRexx.guide/PRINT

The PRINT command

**Format:**

```
PRINT [From]
<Screentext|Clipboard|Buffer|Dial|Wait|Upload|Download> [TO <File
name>] [Serial|Modem|Screen|Terminal|User|Comment| Size|Date|Attr]
```

**Template:**

```
FROM/A, TO/K, SERIAL/S, MODEM/S, SCREEN/S, TERMINAL/S, USER/S,
COMMENT/S, SIZE/S, DATE/S, ATTR/S
```

**Purpose:**

Prints the contents of the screen, the clipboard, the textbuffer or one of the lists.

**Specifications:**

Outputs the contents of the screen, the clipboard, the textbuffer or one of the lists (see

ADDITEM

command) to a file or the

printer. If the To parameter is omitted, will output the data to the printer. The parameters Serial through Attr control what will be printed:

**Screentext, Clipboard, Buffer, Wait list**

Options have no effect on the output.

**Dial list**

Responds to the Serial, Modem, Screen, Terminal, User and Comment parameters. The printout will contain information on the corresponding settings.

**Upload list, Download list**

Responds to the Comment, Size, Date and Attr parameters. The printout will contain information on the corresponding file

attributes. Note: if any of these parameters are given, only the base file names will be printed along with the corresponding information.

Result:

-

Warning:

If user cancelled print operation.

Example:

```
/* Clear the dialing list, then add the entire phone book to it. */
```

```
CLEAR dial  
additem to dial phone #?
```

```
/* Send the contents of the dial list to a disk file. */
```

```
PRINT FROM dial TO 'ram:phonebook' SERIAL MODEM SCREEN...  
...TERMINAL USER COMMENT
```

## 1.35 termRexx.guide/PROCESSIO

The PROCESSIO command

Format:

```
PROCESSIO <On|Off>
```

Template:

```
ON/S,OFF/S
```

Purpose:

Turns serial I/O processing on or off.

Specifications:

Usually, the 'term' main program processes incoming data from the serial line, i.e. text is displayed in the terminal window or data transfers are started. This can interfere with custom I/O processing, such as done by an ARexx program which wants to receive and process all incoming serial data, without getting interrupted by the main program. For an application example see

```
WAIT
```

.

Result:

-

Warning:

-

Example:

```
/* Turn off I/O processing. */
```



PROCESSIO OFF

## 1.36 termRexx.guide/PROTOCOL

The PROTOCOL command

Format:

```
PROTOCOL [None|RTSCTS|RTSCTSDTR]
```

Template:

```
NONE/S,RTSCTS/S,RTSCTSDTR/S
```

Purpose:

Sets the serial line handshaking protocol.

Specifications:

Sets the serial line handshaking protocol. See the main program documentation for details.

Result:

-

Warning:

-

Example:

```
/* Set the handshaking protocol. */
```

```
PROTOCOL NONE
```

## 1.37 termRexx.guide/PUTCLIP

The PUTCLIP command

Format:

```
PUTCLIP [Unit <Unit>] [TEXT] <Text to store>
```

Template:

```
UNIT/K/N,TEXT/A/F
```

Purpose:

Stores text in the clipboard.

Specifications:

Stores the provided text in the clipboard. Will store it in the given clipboard unit if the Unit parameter is given. Will use the unit number configured in the program settings otherwise.

---

Result:

-

Warning:

-

Example:

```
/* Store a short string in the clipboard. Note: can
 * only be up to 65,536 characters long.
 */

PUTCLIP 'hello sailor!'
```

## 1.38 termRexx.guide/QUIT

The QUIT command

Format:

```
QUIT [Force]
```

Template:

```
FORCE/S
```

Purpose:

Terminates the application.

Specifications:

Terminates program execution, will ask for a confirmation to leave unless the Force parameter is used. Caution: this command may fail if there are still output windows open on the 'term' screen.

Result:

-

Warning:

If user did not confirm termination.

Example:

```
/* Try to terminate the program, ask for confirmation. */

QUIT

/* If no confirmation was given terminate by force. */

IF rc ~= 0 THEN QUIT FORCE
```

## 1.39 termRexx.guide/READ

The READ command

---

**Format:**

```
READ [Num <Number of bytes>] [CR] [Noecho] [Verbatim] [[Prompt]
<Prompt text>]
```

**Template:**

```
NUM/K/N, CR/S, NOECHO/S, VERBATIM/S, PROMPT/K/F
```

**Purpose:**

Reads a number of bytes or a string from the serial line.

**Specifications:**

If Num parameter is given will read a number of bytes from the serial line (note: only a maximum of 65,536 bytes can be read). The command will return when the read request has been satisfied, the timeout (settable using the

```
TIMEOUT
command) has elapsed or
the command was aborted.
```

If the CR parameter is given will handle simple line editing functions (Backspace, Control-X) and return a string as soon as the Carriage return key is pressed, the timeout (settable using the

```
TIMEOUT
command) has elapsed or the command is aborted.
```

The Noecho parameter will cause 'term' not to echo typed characters back to the remote. Note that in order to see any input on the local side the remote is to echo the characters typed back.

If present, the Prompt text will be sent across the serial line, much the same as if it had been sent using the

```
SEND
command.
```

This command pays attention to the current character translation table for incoming characters. If the characters are to be read without any changes made one has to use the Verbatim parameter.

**Result:**

The string read.

**Warning:**

If command was cancelled, no input was made or, if the CR parameter is used, the timeout elapsed.

**Example:**

```
/* Enable command results. */

OPTIONS RESULTS

/* Set the read timeout to five seconds. */

TIMEOUT 5

/* Read seven bytes. */
```

```
READ NUM 7

/* Output the result. */

IF rc ~= 0 THEN
    SAY 'no data was read'
ELSE
    SAY result

/* Turn the timeout off. */

TIMEOUT OFF

/* Prompt for input. */

READ CR PROMPT 'Enter a line of text:'

/* Output the result. */

IF rc ~= 0 THEN
    SAY 'no input was made'
ELSE
    SAY result
```

## 1.40 termRexx.guide/RECEIVEFILE

The RECEIVEFILE command

Format:

```
RECEIVEFILE [Mode <ASCII|Text|Binary>] [Name <File name>]
```

Template:

```
MODE/K,NAME/K
```

Purpose:

Receive one or more files using the XPR protocol.

Specifications:

Receives one or more files using the currently configured XPR protocol. The Mode parameter determines the file transfer mode (either plain ASCII, Text mode or binary file mode), if omitted the file(s) will be received in binary mode. Some file transfer protocols do not require any file names to be given as they have their own means to determine the names of the files to be received. However, a file name parameter can be given. If omitted the file transfer protocol will prompt the user for a file name if necessary.

The names of all files received are placed on the download list for processing. The list will be cleared before the transfer is started.

Result:

---

-

Warning:

If user cancelled file selection.

Example:

```
/* Start to receive a file in text mode. */  
  
RECEIVEFILE MODE text
```

## 1.41 termRexx.guide/REDIAL

The REDIAL command

Format:

REDIAL

Template:

,

Purpose:

Redials the numbers remaining in the currently configured dialing list.

Specifications:

Redials the numbers which still remain in the dialing list built either by the phone book or by the  
DIAL  
command. Note that this  
command will return as soon as the dialing process is initiated.

Result:

-

Warning:

If dialing list is empty.

Example:

```
/* Redial the list. */  
  
REDIAL  
  
/* Successful? */  
  
IF rc ~= 0 THEN SAY 'dialing list is empty'
```

## 1.42 termRexx.guide/REMITEM

### The REMITEM command

#### Format:

```
REMITEM [From] <Upload|Download|Dial|Wait> [Name <Name or
wildcard>]
```

#### Template:

```
FROM/A,NAME/K/F
```

#### Purpose:

Removes one or more items from a list.

#### Specifications:

Removes one or more items from a list. If no Name parameter is given will remove the currently selected list item (selectable using the

```
SELECTITEM
command). The Name parameter can be a proper
name or a wildcard pattern.
```

Note: Cannot remove named items from the dial list.

#### Result:

-

#### Warning:

If no list item would match the name pattern.

#### Example:

```
/* Remove the currently selected item from the wait list. */
REMITEM FROM wait

/* Remove all items from the wait list which end with `z`. */
REMITEM FROM wait NAME '#?z'
```

## 1.43 termRexx.guide/REQUESTFILE

### The REQUESTFILE command

#### Format:

```
REQUESTFILE [Title <Title text>] [Path <Path name>] [File <File
name>] [Pattern <Wildcard pattern>] [Multi] [Stem|Name <Variable
name>]
```

#### Template:

```
TITLE/K,PATH/K,FILE/K,PATTERN/K,MULTI/S,STEM=NAME/K
```

#### Purpose:

Requests one or more file names from the user.

**Specifications:**

Requests one or more file names from the user. Will present a file requester with given title text and preset path, file name and pattern values. If only a single file name is to be requested will place the result in the result variable. The Multi parameter allows multiple files to be selected, the number of files selected and the file names will be placed in the variable specified using the Stem parameter.

**Result:**

The name of the file selected will be placed in the result variable. If multiple file were selected, will place the following information in the supplied stem variable:

<Variable name>.COUNT

The number of files selected.

<Variable name>.0 through <Variable name>.n-1

The file names selected.

**Warning:**

If user cancelled selection.

**Example:**

```
/* Enable command results. */

OPTIONS RESULTS

/* Request a single file name from the user. */

REQUESTFILE TITLE '"select a file"'

/* Output the result. */

IF rc ~= 0 THEN
  SAY 'no file was selected'
ELSE
  SAY result

/* Request several files. */

REQUESTFILE TITLE 'select several files' MULTI STEM names

/* Output the result. */

IF rc ~= 0 THEN
  SAY 'no files were selected'
ELSE DO
  SAY 'files selected:' names.count

  DO i = 0 TO names.count - 1
    SAY names.i
  END
END
```

## 1.44 termRexx.guide/REQUESTNOTIFY

The REQUESTNOTIFY command

Format:

```
REQUESTNOTIFY [Title <Title text>] [Prompt] <Prompt text>
```

Template:

```
TITLE/K,PROMPT/A/F
```

Purpose:

Notify the user with a message.

Specifications:

Opens a requester to notify the user, the prompt text can include line feed characters ('0A'X), the user will be able to answer the requester by clicking on a Continue button.

Result:

-

Warning:

-

Example:

```
/* Notify the user. */  
  
REQUESTNOTIFY TITLE '"Important information"' ...  
...PROMPT 'This message is important'
```

## 1.45 termRexx.guide/REQUESTNUMBER

The REQUESTNUMBER command

Format:

```
REQUESTNUMBER [Default <Default number>] [Prompt <Prompt text>]
```

Template:

```
DEFAULT/K/N,PROMPT/K/F
```

Purpose:

Requests a numeric value from the user

Specifications:

Requests a numeric value from the user, will display the provided prompt text or a default text and present the provided default number, so user can simply hit return to accept the defaults.

Result:

The number the has entered.

Warning:

If user cancelled requester.

---



Example:

```
/* Enable command results. */

OPTIONS RESULTS

/* Requester a single number. */

REQUESTNUMBER DEFAULT 42 PROMPT 'Enter the answer'

/* Output the result. */

IF rc ~= 0 THEN
    SAY 'no number was entered'
ELSE
    SAY result
```

## 1.46 termRexx.guide/REQUESTRESPONSE

The REQUESTRESPONSE command

Format:

```
REQUESTRESPONSE [Title <Title text>] [Options <Options string>]
[Prompt] <Prompt text>
```

Template:

```
TITLE/K,OPTIONS/K,PROMPT/A/F
```

Purpose:

Request a response from user.

Specifications:

Requests a response from the user, uses provided title and prompt text and a number of options. If no options are specified will use Yes|No as the defaults.

Result:

For Options passed as Yes|Perhaps|No will return 1 for Yes, 2 for Perhaps and return a warning for No.

Warning:

If user selected negative choice.

Example:

```
/* Enable command results. */

OPTIONS RESULTS

/* Request a response. */

REQUESTRESPONSE PROMPT 'Are you indecisive?' ...
...OPTIONS ' "Yes|Don't know|No" '

/* Look at the response. */
```

```
IF rc ~= 0 THEN
  SAY 'Not indecisive'
ELSE DO
  IF result = 0 THEN
    SAY 'Indecisive'
  ELSE
    SAY 'Probably indecisive'
END
```

## 1.47 termRexx.guide/REQUESTSTRING

The REQUESTSTRING command

Format:

```
REQUESTSTRING [Secret] [Default <String>] [Prompt <Text>]
```

Template:

```
SECRET/S,DEFAULT/K,PROMPT/K/F
```

Purpose:

Requests a string from the user.

Specifications:

Requests a string from the user, will display the provided prompt text or a default text and present the provided default string, so user can simply hit return to accept the defaults.

If the Secret parameter is provided, will not display the characters typed.

Result:

The text the user entered.

Warning:

If user cancelled the requester.

Example:

```
/* Enable command results. */

OPTIONS RESULTS

/* Request a secret string. */

REQUESTSTRING SECRET DEFAULT 'hello sailor!' ...
...PROMPT 'Enter secret message'

/* Output the result. */

IF rc ~= 0 THEN
  SAY 'no text was entered'
ELSE
  SAY result
```

## 1.48 termRexx.guide/RESETSCREEN

The RESETSCREEN command

Format:

```
RESETSCREEN
```

Template:

```
,
```

Purpose:

Resets the terminal screen to defaults.

Specifications:

Resets the terminal screen to defaults, this includes clearing the screen, moving the cursor to the home position and resetting text, text rendering styles and colours.

Result:

```
-
```

Warning:

```
-
```

Example:

```
/* Reset the terminal screen. */
```

```
RESETSCREEN
```

## 1.49 termRexx.guide/RESETSTYLES

The RESETSTYLES command

Format:

```
RESETSTYLES
```

Template:

```
,
```

Purpose:

Resets the text rendering styles to defaults.

Specifications:

Resets the text rendering styles to defaults, turning off inverse video, boldface, italics, etc. modes.

Result:

```
-
```

---

Warning:

-

Example:

```
/* Reset the text rendering styles. */  
  
RESETSTYLES
```

## 1.50 termRexx.guide/RESETTEXT

The RESETTEXT command

Format:

```
RESETTEXT
```

Template:

,

Purpose:

Reset the terminal text to defaults.

Specifications:

Reset the terminal text to defaults, this includes switching back from graphics text or G1 mode.

Result:

-

Warning:

-

Example:

```
/* Reset the terminal text. */  
  
RESETTEXT
```

## 1.51 termRexx.guide/RESSETIMER

The RESSETIMER command

Format:

```
RESSETIMER
```

Template:

,

Purpose:

Reset the online timer.

Specifications:

---

The online timer is reset to 00:00:00, regardless whether 'term' is currently online or not.

Result:

-

Warning:

-

Example:

```
/* Reset the online timer. */  
  
RESETTIMER
```

## 1.52 termRexx.guide/RX

The RX command

Format:

```
RX [Console] [Async] [Command] <Command name>
```

Template:

```
CONSOLE/S,ASYNC/S,COMMAND/A/F
```

Purpose:

Invokes an ARexx macro file.

Specifications:

Invokes an ARexx macro file, if Console argument specified opens a console output window, else uses NIL:, if Async argument specified executes the macro asynchronously.

Result:

-

Warning:

-

Example:

```
/* Launch the 'term' command shell. */  
  
RX CONSOLE ASYNC 'term:cmdshell.term'
```

## 1.53 termRexx.guide/SAVE

The SAVE command

Format:

```
SAVE [From] <Translations|Functionkeys|  
Cursorkeys|Fastmacros|Hotkeys|Speech|
```

Sound|Buffer|Configuration|Phone| Screentext|Screenimage>

Template:

FROM/A

Purpose:

Saves data to a disk file.

Specifications:

Saves data to a disk file, will prompt for a file name to save to.  
See

SAVEAS  
command for more information.

Result:

-

Warning:

If user cancels save operation.

Example:

```
/* Save the terminal screen contents to an
 * IFF-ILBM file.
 */
```

```
SAVE FROM screenimage
```

## 1.54 termRexx.guide/SAVEAS

The SAVEAS command

Format:

```
SAVEAS [Name <File name>] [From]
<Translations|Functionkeys|Cursorkeys|
Fastmacros|Hotkeys|Speech|Sound|Buffer|
Configuration|Phone|Screentext| Screenimage>
```

Template:

NAME/K, FROM/A

Purpose:

Saves data to a disk file.

Specifications:

Saves data to a disk file, will prompt for a filename to save to if none is provided. Will save either parts of the program configuration or the phone book contents (Phonebook parameter), the contents of the terminal screen as plain ASCII text (Screentext parameter) or the contents of the terminal screen as an IFF-ILBM-file (Screenimage parameter).

Result:

-

---

**Warning:**

If user cancels save operation.

**Example:**

```
/* Save the program configuration to a file. */  
  
SAVEAS NAME 'ram:term.prefs' FROM configuration
```

## 1.55 termRexx.guide/SELECTITEM

The SELECTITEM command

**Format:**

```
SELECTITEM [Name <Name>] [From] <Upload|Download|Dial|Wait>  
[Next|Prev|Previous|Top|Bottom]
```

**Template:**

```
NAME/K, FROM/A, NEXT/S, PREV=PREVIOUS/S, TOP/S, BOTTOM/S
```

**Purpose:**

Select an item from a list.

**Specifications:**

Selects an item from a list, returns the item name in the result variable. The Top parameter will select the first list item, Bottom the last item. The Previous parameter will select the previous list item, Next the next successive item. Instead of using a positioning parameter, it is also possible to use a wildcard pattern or name with the Name parameter. The first list item to match the name will be selected.

Note: cannot be used with the dial list.

**Result:**

Returns the list item in the result variable.

**Warning:**

If end of list reached.

**Example:**

```
/* Enable command results. */  
  
OPTIONS RESULTS  
  
/* Output the contents of the download list. */  
  
SELECTITEM FROM download TOP  
  
DO WHILE rc = 0  
    SAY result  
    SELECTITEM FROM download NEXT  
END
```

## 1.56 termRexx.guide/SEND

The SEND command

Format:

```
SEND [Noecho] [Local] [Literal] [Byte <ASCII code>] [Text] <Text>
```

Template:

```
NOECHO/S, LOCAL/S, LITERAL/S, BYTE/K/N, TEXT/A/F
```

Purpose:

Sends the provided text to the serial line, executes embedded command sequences.

Specifications:

Sends the provided text to the serial line, executes embedded command sequences (see main program documentation). To send a single byte, use the Byte parameter. The Noecho parameter will suppress terminal output. The Local parameter will cause the text to be output only locally in the terminal window, it will not be sent across the serial line. The Literal parameter keeps 'term' from interpreting any special characters, such as \r, in the text to send and just transmits the text you passed in.

Result:

-

Warning:

-

Example:

```
/* Send some text to the serial line. */  
  
SEND 'This is some text.\r\n'  
  
/* Send a single byte (a null) to the serial line. */  
  
SEND BYTE 0  
  
/* Execute an embedded command (send a break signal). */  
  
SEND '\x'
```

## 1.57 termRexx.guide/SENDBREAK

The SENDBREAK command

Format:

```
SENDBREAK
```

---



Template:

,

Purpose:

Send a break signal across the serial line.

Specifications:

Send a break signal across the serial line.

Result:

-

Warning:

-

Example:

```
/* Send a break signal. */
```

```
SENDBREAK
```

## 1.58 termRexx.guide/SENDFILE

The SENDFILE command

Format:

```
SENDFILE [Mode <ASCII|Text|Binary>] [Names] {File names}
```

Template:

```
MODE/K,NAMES/M
```

Purpose:

Transfers files using the currently selected file transfer protocol.

Specifications:

Transfers one or more files using the currently configured XPR protocol. The Mode parameter determines the file transfer mode (either plain ASCII, Text mode or binary file mode), if omitted the file(s) will be sent in binary mode. Some file transfer protocols do not require any file names to be given as they have their own means to determine the names of the files to be sent. However, a file name parameter can be given. If omitted the file transfer protocol will prompt the user for a file name if necessary. Several file names can be given if necessary, they will be transferred along with the file names stored in the upload list. The file transfer process will remove any files successfully transferred from the upload list, leaving only those behind which were not to be transferred correctly.

Files whose names do not include a fully qualified path name are expected to reside in the default upload directory as specified in the main program paths settings.

Result:

-

Warning:

If user cancels file selection.

Example:

```
/* Prompt for files to be uploaded. */  
  
SENDFILE  
  
/* Send a single file. */  
  
SENDFILE 'c:list'  
  
/* Clear the upload list, add a single file name. */  
  
CLEAR upload  
ADDITEM TO upload NAME 'c:dir'  
  
/* Transfer the file. */  
  
SENDFILE
```

## 1.59 termRexx.guide/SETATTR

The SETATTR command

Format:

```
SETATTR [Object] <Name> [Field] <Name> [Stem <Name>] [Var <Name>]
```

Template:

```
OBJECT/A, FIELD, STEM/K, VAR
```

Purpose:

Sets a certain application attribute.

Specifications:

Sets a certain application attribute, retrieves the information from the supplied stem or simple variable. For a list of valid attributes, see the section entitled  
Attributes

.

Result:

-

Warning:

-

Example:

```
/* Set the transfer speed. */  
  
SETATTR serialprefs baudrate 2400
```

## 1.60 termRexx.guide/SPEAK

The SPEAK command

Format:

```
SPEAK [Text] <Text>
```

Template:

```
TEXT/A/F
```

Purpose:

Speaks the provided text using the Amiga speech synthesizer.

Specifications:

Speaks the provided text using the Amiga speech synthesizer, requires that speech support is enabled.

Result:

-

Warning:

-

Example:

```
/* Say something sensible. */  
  
SPEAK 'something sensible'
```

## 1.61 termRexx.guide/STOPBITS

The STOPBITS command

Format:

```
STOPBITS [0|1]
```

Template:

```
0/S,1/S
```

Purpose:

Sets the serial line stop bits.

Specifications:

Sets the serial line stop bits.

Result:

-

Warning:

-

Example:

```
/* Set the serial line stop bits. */  
  
STOPBITS 1
```

## 1.62 termRexx.guide/TEXTBUFFER

The TEXTBUFFER command

Format:

```
TEXTBUFFER [Lock|Unlock]
```

Template:

```
LOCK/S,UNLOCK/S
```

Purpose:

Locks or unlocks the text buffer contents.

Specifications:

Locks or unlocks the text buffer contents, similar to the effect of the corresponding main menu entry.

Result:

-

Warning:

-

Example:

```
/* Lock the text buffer. */  
  
TEXTBUFFER LOCK
```

## 1.63 termRexx.guide/TIMEOUT

The TIMEOUT command

Format:

```
TIMEOUT [[Sec|Seconds] <Number>] [Off]
```

Template:

```
SEC=SECONDS/N,OFF/S
```

Purpose:

Sets the serial read timeout.

Specifications:

Sets the timeout the

---

```
        WAIT
        and
        READ
        commands will wait until they
    exit.
```

Result:

-

Warning:

-

Example:

```
    /* Set the read timeout. */
    TIMEOUT SEC 5
```

## 1.64 termRexx.guide/TRAP

The TRAP command

Format:

```
TRAP <On|Off>
```

Template:

```
ON/S,OFF/S
```

Purpose:

Turns the trap list processing on or off.

Specifications:

This command tells the main program whether it should process entries of the trap list when filtering input or not.

Result:

-

Warning:

-

Example:

```
    /* Ignore the trap list. */
    TRAP OFF
```

## 1.65 termRexx.guide/WAIT

The WAIT command

---

## Format:

```
WAIT [Noecho] [[Text] <Text>]
```

## Template:

```
NOECHO/S,TEXT/F
```

## Purpose:

Waits for a certain sequence of characters to be received from the serial line.

## Specifications:

Wait for text to be received from the serial line. If no text to wait for is provided wait for either item of the wait list to appear. The Noecho parameter suppresses terminal output. Note that text comparison does not consider the case of characters (in respect to the ECMA Latin 1 character set). As 'term' has control over the incoming data stream before and after the WAIT command is executed, it may 'eat' and process data the WAIT command ought to receive. In order to avoid this effect you can use the PROCESSIO command (see

```
PROCESSIO
```

). For example, at the beginning of a program you could tell 'term' to leave the incoming data stream alone with the PROCESSIO OFF command, then invoke the WAIT command as needed, and eventually when your program exits allow 'term' to process incoming data with the PROCESSIO ON command.

## Result:

Returns the string found.

## Warning:

If timeout has elapsed before any matching text was received.

## Example:

```
/* Enable command results. */

OPTIONS RESULTS

/* Set the read timeout. */

TIMEOUT SEC 30

/* Wait for a single line of text. */

WAIT 'some text'

/* Clear the wait list, add a few items. */

CLEAR wait
ADDITEM TO wait NAME 'foo'
ADDITEM TO wait NAME 'bar'

/* Wait for the text to appear. */

WAIT

/* Output the result. */
```

```
IF rc ~= 0 THEN
  SAY 'no text was received'
ELSE
  SAY result
```

## 1.66 termRexx.guide/WINDOW

The WINDOW command

Format:

```
WINDOW [Names] {<Buffer|Review|Packet|Fastmacros|
  Status|Main|UploadQueue>} [Open|Close] [Activate] [Min|Max]
  [Front|Back] [Top|Bottom|Up|Down]
```

Template:

```
NAMES/A/M, OPEN/S, CLOSE/S, ACTIVATE/S, MIN/S, MAX/S, FRONT/S, BACK/S,
TOP/S, BOTTOM/S, UP/S, DOWN/S
```

Purpose:

Manipulates the aspects of a window.

Specifications:

Manipulates the aspects of a window. Not all windows will support all available commands. The windows supported are:

Buffer

The text buffer window and screen. Supports the Open, Close, Activate and Front commands.

Review

The review window. Supports the Open, Close, Activate, Min, Max, Front, Back, Top, Bottom, Up, and Down commands.

Packet

The packet window. Supports the Open, Close, Activate, Min, Max, Front and Back commands.

Fastmacros

The fast! macro window. Supports the Open, Close, Activate, Min, Max, Front and Back commands.

Status

The status window. Supports the Open, Close, Activate, Front and Back commands.

Main

The main program window. Supports the Open, Close, Activate, Front and Back commands.

Result:

-

Warning:

---

-

Example:

```
/* Open all available windows. */  
  
WINDOW buffer review packet fastmacros status main OPEN
```

## 1.67 termRexx.guide/Attributes

### Attributes

Several of the application's internal variables are can be accessed and modified using the

```
GETATTR  
and  
SETATTR
```

commands. Information is available on the objects and their associated fields explained below. Each line consists of the object and field name and the type of the available data:

Numeric data

```
<Object>.<Field>  
Numeric
```

The information is a numeric value.

Text data

```
<Object>.<Field>  
Text
```

The information is a text string.

Boolean data

```
<Object>.<Field>  
Boolean
```

The information is a boolean value and can be ON or OFF.

Mapped codes

```
<Object>.<Field>  
<Value 1> ... <Value n>
```

The information can be one of the given values.

The TERM object (read-only)

TERM.VERSION

```
Text
```

The 'term' program revision.

TERM.SCREEN

```
Text
```

---



The name of the public screen the 'term' main window has been opened on.

TERM.SESSION.ONLINE  
Boolean

Whether the program is currently online or not.

TERM.SESSION.SESSIONSTART  
Text

Time and date when the 'term' program was started.

TERM.SESSION.BYTESSENT  
Numeric

TERM.SESSION.BYTESRECEIVED  
Numeric

TERM.SESSION.CONNECTMESSAGE  
Text

The message issued by the modem when the connection was established.

TERM.SESSION.BBSNAME  
Text

TERM.SESSION.BBSNUMBER  
Text

TERM.SESSION.BBSCOMMENT  
Text

TERM.SESSION.USERNAME  
Text

TERM.SESSION.ONLINEMINUTES  
Numeric

The number of minutes the program is currently connected to a BBS.

TERM.SESSION.ONLINECOST  
Numeric

The cost of the connection to the BBS.

TERM.AREXX  
Text

The name of the ARExx host port the program is communicating with.

TERM.LASTERORR  
Numeric

The code corresponding to the error the last command has caused.

---

TERM.TERMINAL.ROWS

Numeric

The number of available terminal screen rows.

TERM.TERMINAL.COLUMNS

Numeric

The number of available terminal screen columns.

TERM.BUFFER.SIZE

Numeric

The size of the text buffer.

The PHONEBOOK object (read-only)

Available fields are:

PHONEBOOK.COUNT

Numeric

The number of entries in the phonebook. The single phonebook entries can be accessed as PHONEBOOK.0... through PHONEBOOK.n-1....

PHONEBOOK.n.NAME

Text

PHONEBOOK.n.NUMBER

Text

PHONEBOOK.n.COMMENTTEXT

Text

PHONEBOOK.n.USERNAME

Text

PHONEBOOK.n.PASSWORDTEXT

Text

The SERIALPREFS object

Available fields are:

SERIALPREFS.BAUDRATE

Numeric

SERIALPREFS.BREAKLENGTH

Numeric

The break signal length in microseconds.

SERIALPREFS.BUFFERSIZE

Numeric

SERIALPREFS.DEVICENAME

Text

SERIALPREFS.UNIT

Numeric

SERIALPREFS.BITSPERCHAR

Numeric

The number of bits per transferred char. This can be either seven or eight.

SERIALPREFS.PARITYMODE

NONE EVEN ODD MARK SPACE.

SERIALPREFS.STOPBITS

Numeric

The number of stop bits to be used. This can be either 0 or 1.

SERIALPREFS.HANDSHAKINGMODE

NONE RTSCTS RTSCTSDSR

SERIALPREFS.DUPLEXMODE

HALF FULL

SERIALPREFS.INTERNALXONXOFF

Boolean

SERIALPREFS.HIGHSPEED

Boolean

SERIALPREFS.SHARED

Boolean

SERIALPREFS.STRIPBIT8

Boolean

SERIALPREFS.CARRIERCHECK

Boolean

SERIALPREFS.PASSXONXOFFTHROUGH

Boolean

SERIALPREFS.QUANTUM

Numeric

SERIALPREFS.USEOWNDEVUNIT

Boolean

SERIALPREFS.OWNDEVUNITREQUEST

RELEASE RELEASERETRY IGNORE

The MODEMPREFS object

Available fields are:

MODEMPREFS.MODEMINITTEXT

Text

MODEMPREFS.MODEMEXITTEXT

Text

---

MODEMPREFS.MODEMHANGUPTEXT  
Text

MODEMPREFS.DIALPREFIXTEXT  
Text

MODEMPREFS.DIALSUFFIXTEXT  
Text

MODEMPREFS.DIALMODE  
PULSE TONE

MODEMPREFS.NOCARRIERTEXT  
Text

MODEMPREFS.NODIALTONETEXT  
Text

MODEMPREFS.CONNECTTEXT  
Text

MODEMPREFS.VOICETEXT  
Text

MODEMPREFS.RINGTEXT  
Text

MODEMPREFS.BUSYTEXT  
Text

MODEMPREFS.OKTEXT  
Text

MODEMPREFS.ERRORTEXT  
Text

MODEMPREFS.REDIALDELAY  
Numeric  
  
The redial delay in seconds

MODEMPREFS.DIALRETRIES  
Numeric

MODEMPREFS.DIALTIMEOUT  
Numeric  
  
The dial timeout in seconds

MODEMPREFS.VERBOSE DIALING  
Boolean

MODEMPREFS.CONNECTAUTOBAUD  
Boolean

MODEMPREFS.HANGUPDROPSDTR

---

Boolean

MODEMPREFS.REDIALAFTERHANGUP

Boolean

MODEMPREFS.NOCARRIERISBUSY

Boolean

MODEMPREFS.CONNECTLIMIT

Numeric

Time limit in minutes.

MODEMPREFS.CONNECTLIMITMACRO

Text

MODEMPREFS.TIMETOCONNECT

Numeric

The SCREENPREFS object

Available fields are:

SCREENPREFS.COLOURMODE

TWO FOUR EIGHT SIXTEEN

SCREENPREFS.FONTNAME

Text

SCREENPREFS.FONTSIZE

Numeric

SCREENPREFS.MAKESCREENPUBLIC

Boolean

SCREENPREFS.SHANGHAIWINDOWS

Boolean

SCREENPREFS.BLINKING

Boolean

SCREENPREFS.FASTERLAYOUT

Boolean

SCREENPREFS.TITLEBAR

Boolean

SCREENPREFS.STATUSLINEMODE

DISABLED STANDARD COMPRESSED

SCREENPREFS.USEPUBSCREEN

Boolean

SCREENPREFS.PUBSCREENNAME

Text

SCREENPREFS.USEPENS

Boolean

---

SCREENPREFS.WINDOWBORDER  
Boolean

SCREENPREFS.SPLITSTATUS  
Boolean

SCREENPREFS.ONLINEDISPLAY  
TIME COST BOTH

The TERMINALPREFS object

Available fields are:

TERMINALPREFS.BELLMODE  
NONE VISIBLE AUDIBLE BOTH SYSTEM

TERMINALPREFS.ALERTMODE  
NONE BELL SCREEN BOTH

TERMINALPREFS.EMULATIONMODE  
INTERNAL ATOMIC TTY EXTERNAL HEX

TERMINALPREFS.FONTMODE  
STANDARD IBM IBMRAW

TERMINALPREFS.SENDCRMODE  
IGNORE CR CRLF

TERMINALPREFS.SENDLFMODE  
IGNORE LF LFCR

TERMINALPREFS.RECEIVECRMODE  
IGNORE CR CRLF

TERMINALPREFS.RECEIVELFMODE  
IGNORE LF LFCR

TERMINALPREFS.NUMCOLUMNS  
Numeric

TERMINALPREFS.NUMLINES  
Numeric

TERMINALPREFS.KEYMAPNAME  
Text

TERMINALPREFS.EMULATIONNAME  
Text

TERMINALPREFS.FONTNAME  
Text

TERMINALPREFS.FONTSIZE  
Numeric

TERMINALPREFS.USETERMINALPROCESS  
Boolean

---

The EMULATIONPREFS object

Available fields are:

EMULATIONPREFS.CURSORMODE  
STANDARD APPLICATION

EMULATIONPREFS.NUMERICMODE  
STANDARD APPLICATION

EMULATIONPREFS.CURSORWRAP  
Boolean

EMULATIONPREFS.LINEWRAP  
Boolean

EMULATIONPREFS.INSERTMODE  
Boolean

EMULATIONPREFS.NEWLINEMODE  
Boolean

EMULATIONPREFS.FONTSCALEMODE  
NORMAL HALF

EMULATIONPREFS.SCROLLMODE  
JUMP SMOOTH

EMULATIONPREFS.DESTRUCTIVEBACKSPACE  
OFF OVERSTRIKE OVERSTRIKESHIFT

EMULATIONPREFS.SWAPBSDELETE  
Boolean

EMULATIONPREFS.PRINTERENABLED  
Boolean

EMULATIONPREFS.ANSWERBACKTEXT  
Text

EMULATIONPREFS.CLSRESETSCURSOR  
Boolean

EMULATIONPREFS.NUMPADLOCKED  
Boolean

EMULATIONPREFS.CURSORLOCKED  
Boolean

EMULATIONPREFS.FONTLOCKED  
Boolean

EMULATIONPREFS.WRAPLOCKED  
Boolean

EMULATIONPREFS.STYLELOCKED  
Boolean

---

EMULATIONPREFS.COLOURLOCKED  
Boolean

EMULATIONPREFS.MAXPRESCROLL  
Numeric

EMULATIONPREFS.MAXJUMP  
Numeric

EMULATIONPREFS.USEPENS  
Boolean

The CLIPBOARDPREFS object

Available fields are:

CLIPBOARDPREFS.UNIT  
Numeric

CLIPBOARDPREFS.CONVERTLF  
Wahrheitswert

CLIPBOARDPREFS.LINEDELAY  
Numeric

Paste line delay in 1/100 seconds.

CLIPBOARDPREFS.CHARDELAY  
Numeric

Paste character delay in 1/100 seconds.

CLIPBOARDPREFS.LINEPROMPTTEXT  
Text

CLIPBOARDPREFS.SENDTIMEOUT  
Numeric

Timeout in 1/100 seconds.

CLIPBOARDPREFS.TEXTPACING  
DIRECT ECHO ANYECHO PROMPT DELAY KEYBOARD

CLIPBOARDPREFS.INSERTPREFIXTEXT  
Text

CLIPBOARDPREFS.INSERTSUFFIXTEXT  
Text

The CAPTUREPREFS object

Available fields are:

CAPTUREPREFS.LOGACTIONS  
Boolean

CAPTUREPREFS.LOGFILENAME  
Text

---



CAPTUREPREFS.LOGCALLS  
Boolean

CAPTUREPREFS.CALLLOGFILENAME  
Text

CAPTUREPREFS.MAXBUFFERSIZE  
Numeric

CAPTUREPREFS.BUFFER  
Boolean

CAPTUREPREFS.BUFFERSAVEPATH  
Text

CAPTUREPREFS.CONNECTAUTOCAPTURE  
Boolean

CAPTUREPREFS.AUTOCAPTUREDATE  
NAME, INCLUDE

CAPTUREPREFS.CAPTUREFILTER  
Boolean

CAPTUREPREFS.CONVERTCHARACTERS  
Boolean

CAPTUREPREFS.CAPTUREPATH  
Text

CAPTUREPREFS.OPENBUFFERWINDOW  
TOP, END

CAPTUREPREFS.REMEMBERBUFFERWINDOW  
Boolean

CAPTUREPREFS.OPENBUFFERSCREEN  
TOP, END

CAPTUREPREFS.REMEMBERBUFFERSCREEN  
Boolean

CAPTUREPREFS.BUFFERSCREENPOSITION  
LEFT, MID, RIGHT

CAPTUREPREFS.BUFFERWIDTH  
Numeric

CAPTUREPREFS.SEARCHHISTORY  
Numeric

The COMMANDPREFS object

Available fields are:

COMMANDPREFS.STARTUPMACROTEXT  
Text

---

COMMANDPREFS.LOGINMACROTEXT  
Text

COMMANDPREFS.LOGOFFMACROTEXT  
Text

COMMANDPREFS.UPLOADMACROTEXT  
Text

COMMANDPREFS.DOWNLOADMACROTEXT  
Text

The MISCPREFS object

Available fields are:

MISCPREFS.PRIORITY  
Numeric

MISCPREFS.BACKUPCONFIG  
Boolean

MISCPREFS.OPENFASTMACROPANEL  
Boolean

MISCPREFS.RELEASEDEVICE  
Boolean

MISCPREFS.CREATEICONS  
Boolean

MISCPREFS.SIMPLEIO  
Boolean

MISCPREFS.PROTECTIVEMODE  
Boolean

MISCPREFS.IOBUFFERSIZE  
Numeric

The PATHPREFS object

Available fields are:

PATHPREFS.ASCIIUPLOADPATH  
Text

PATHPREFS.ASCIIDOWNLOADPATH  
Text

PATHPREFS.TEXTUPLOADPATH  
Text

PATHPREFS.TEXTDOWNLOADPATH  
Text

PATHPREFS.BINARYUPLOADPATH  
Text

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PATHPREFS.BINARYDOWNLOADPATH  
Text

PATHPREFS.CONFIGPATH  
Text

PATHPREFS.EDITORNAME  
Text

PATHPREFS.HELPPFILENAME  
Text

The TRANSFERPREFS object

Available fields are:

TRANSFERPREFS.DEFAULTPROTOCOL  
Text

TRANSFERPREFS.ERRORNOTIFYCOUNT  
Numeric

TRANSFERPREFS.ERRORNOTIFYWHEN  
NEVER ALWAYS START END

TRANSFERPREFS.ASCIIUPLOADPROTOCOL  
Text

TRANSFERPREFS.ASCIIDOWNLOADPROTOCOL  
Text

TRANSFERPREFS.QUIETTRANSFER  
Boolean

TRANSFERPREFS.MANGLEFILENAMES  
Boolean

TRANSFERPREFS.LINEDELAY  
Numeric

TRANSFERPREFS.CHARDELAY  
Numeric

TRANSFERPREFS.LINEPROMPTTEXT  
Text

TRANSFERPREFS.TEXTPACING  
DIRECT ECHO ANYECHO PROMPT DELAY KEYBOARD

TRANSFERPREFS.SENDTIMEOUT  
Numeric

TRANSFERPREFS.STRIPBIT8  
Boolean

TRANSFERPREFS.IGNOREDATAPASTTERMINATOR  
Boolean

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TRANSFERPREFS.TERMINATORCHAR  
Numeric

TRANSFERPREFS.TEXTUPLOADPROTOCOL  
Text

TRANSFERPREFS.TEXTDOWNLOADPROTOCOL  
Text

TRANSFERPREFS.BINARYUPLOADPROTOCOL  
Text

TRANSFERPREFS.BINARYDOWNLOADPROTOCOL  
Text

TRANSFERPREFS.OVERRIDEPATH  
Boolean

TRANSFERPREFS.SETARCHIVEDBIT  
Boolean

TRANSFERPREFS.COMMENTMODE  
IGNORE FILETYPE SOURCE

TRANSFERPREFS.TRANSFERICONS  
Boolean

TRANSFERPREFS.HIDEUPLOADICON  
Boolean

TRANSFERPREFS.TRANSFERPERFMETER  
Boolean

TRANSFERPREFS.DEFAULTTYPE  
XPR or PROGRAM

TRANSFERPREFS.DEFAULTSENDSIGNATURE  
Text

TRANSFERPREFS.DEFAULTRECEIVESIGNATURE  
Text

TRANSFERPREFS.ASCIIUPLOADTYPE  
XPR, PROGRAM, DEFAULT or INTERNAL

TRANSFERPREFS.ASCIIUPLOADSIGNATURE  
Text

TRANSFERPREFS.ASCIIDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.ASCIIDOWNLOADTYPE  
XPR, PROGRAM, DEFAULT or INTERNAL

TRANSFERPREFS.ASCIIDOWNLOADSIGNATURE  
Text

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TRANSFERPREFS.ASCIIDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.TEXTUPLOADTYPE  
XPR, PROGRAM or DEFAULT

TRANSFERPREFS.TEXTUPLOADSIGNATURE  
Text

TRANSFERPREFS.TEXTDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.TEXTDOWNLOADTYPE  
XPR, PROGRAM or DEFAULT

TRANSFERPREFS.TEXTDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.TEXTDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.BINARYUPLOADTYPE  
XPR, PROGRAM or DEFAULT

TRANSFERPREFS.BINARYUPLOADSIGNATURE  
Text

TRANSFERPREFS.BINARYDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.BINARYDOWNLOADTYPE  
XPR, PROGRAM or DEFAULT

TRANSFERPREFS.BINARYDOWNLOADSIGNATURE  
Text

TRANSFERPREFS.BINARYDOWNLOADSIGNATURE  
Text

The PROTOCOLPREFS object

This object features no fields, it contains a single line of text:  
the XPR protocol options.

The TRANSLATIONPREFS object

Indices referring to the ascii codes range from 0 to 255, available  
fields are:

TRANSLATIONPREFS.n.SEND  
Text

TRANSLATIONPREFS.n.RECEIVE  
Text

The FUNCTIONKEYPREFS object

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Key indices range from 1 to 10 (representing F1 through F10), available fields are:

FUNCTIONKEYPREFS.n  
Text

FUNCTIONKEYPREFS.SHIFT.n  
Text

FUNCTIONKEYPREFS.ALT.n  
Text

FUNCTIONKEYPREFS.CONTROL.n  
Text

The CURSORKEYPREFS object

Available fields are:

CURSORKEYPREFS.UPTTEXT  
Text

CURSORKEYPREFS.RIGHTTEXT  
Text

CURSORKEYPREFS.DOWNTEXT  
Text

CURSORKEYPREFS.LEFTTEXT  
Text

CURSORKEYPREFS.SHIFT.UPTTEXT  
Text

CURSORKEYPREFS.SHIFT.RIGHTTEXT  
Text

CURSORKEYPREFS.SHIFT.DOWNTEXT  
Text

CURSORKEYPREFS.SHIFT.LEFTTEXT  
Text

CURSORKEYPREFS.ALT.UPTTEXT  
Text

CURSORKEYPREFS.ALT.RIGHTTEXT  
Text

CURSORKEYPREFS.ALT.DOWNTEXT  
Text

CURSORKEYPREFS.ALT.LEFTTEXT  
Text

CURSORKEYPREFS.CONTROL.UPTTEXT  
Text

CURSORKEYPREFS.CONTROL.RIGHTTEXT

---

Text

CURSORKEYPREFS.CONTROL.DOWNTEXT

Text

CURSORKEYPREFS.CONTROL.LEFTTEXT

Text

The FASTMACROPREFS object

FASTMACROPREFS.COUNT

Numeric

The number of fast macros available, entries range from  
FASTMACROPREFS.0... to FASTMACROPREFS.n-1...

FASTMACROPREFS.n.NAME

Text

FASTMACROPREFS.n.CODE

Text

The HOTKEYPREFS object

Available fields are:

HOTKEYPREFS.TERMSCREENTOFRONTTEXT

Text

HOTKEYPREFS.BUFFERSCREENTOFRONTTEXT

Text

HOTKEYPREFS.SKIPDIAENTRYTEXT

Text

HOTKEYPREFS.ABORTAREXX

Text

HOTKEYPREFS.COMMODITYPRIORITY

Numeric

HOTKEYPREFS.HOTKEYSENABLED

Boolean

The SPEECHPREFS object

Available fields are:

SPEECHPREFS.RATE

Numeric

SPEECHPREFS.PITCH

Numeric

SPEECHPREFS.FREQUENCY

Numeric

SPEECHPREFS.SEXMODE

MALE FEMALE

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SPEECHPREFS.VOLUME  
Numeric

SPEECHPREFS.SPEECH  
Boolean

The SOUNDPREFS object

Available fields are:

SOUNDPREFS.BELLNAME  
Text

SOUNDPREFS.CONNECTNAME  
Text

SOUNDPREFS.DISCONNECTNAME  
Text

SOUNDPREFS.GOODTRANSFERNAME  
Text

SOUNDPREFS.BADTRANSFERNAME  
Text

SOUNDPREFS.RINGNAME  
Text

SOUNDPREFS.VOICENAME  
Text

SOUNDPREFS.ERRORNAME  
Text

SOUNDPREFS.PRELOAD  
Boolean

The CONSOLEPREFS object

This object features no fields, it contains a single line of text:  
the console output window specification.

The FILEPREFS object

Available fields are:

FILEPREFS.TRANSFERPROTOCOLNAME  
Text

FILEPREFS.TRANSLATIONFILENAME  
Text

FILEPREFS.MACROFILENAME  
Text

FILEPREFS.CURSORFILENAME  
Text

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FILEPREFS.FASTMACROFILENAME  
Text

## 1.68 termRexx.guide/Wanted!

Wanted!

As of this writing only a single example ARexx script is included in the 'term' distribution (see the Rexx drawer). However, it is desirable to include more sample scripts so more users will be able to take advantage of the ARexx interface.

If you wish to share your scripts with the 'term' user community, send them (including documentation) to:

Olaf Barthel  
Brabeckstrasse 35  
D-30559 Hannover

Federal Republic of Germany

Internet: olsen@sourcery.han.de

## 1.69 termRexx.guide/Index

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, (Comma)	Commands
, (Comma)	Commands
< > (Angle brackets)	Commands
<Option>/K	Commands
<Option>/M	Commands
<Option>/N	Commands
<Option>/S	

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	Commands
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	Commands
{ } (Curly braces)	
	Commands
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Wait list	

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ADDITEM

Warning:

Commands

WINDOW

WINDOW

[ ] (Square brackets)

Commands

| (Vertical bar)

Commands

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