

Arexx

COLLABORATORS

	<i>TITLE :</i> Arexx		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

Arexx

1.1 TeleText Documentation

TeleText V1.20 (29.12.1993)

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Arexx Documentation

Introduction

Arexx Commands

1.2 Introduction

This guide contains all information about the Arexx interface of TeleText. Note that Arexx is only available to registered users. TeleText will not respond to Arexx commands when it didn't find a valid keyfile on startup.

The Arexx port of TeleText is called "TeleText". Note the two capital T's !

The rexx drawer contains some Arexx-examples.

I'm not a regular Arexx user myself, so it's definitely possible that some commands do not have a logical interface (e.g. result etc.).

Please send me hints/tips/ideas, so that I can make the Arexx port as complete and useful as possible. See TeleText.guide for information on how to reach me.

Enjoy,

Jan.

1.3 TeleText Arexx commands

Available Arexx Commands

quit

get_cursub

version

get_curcat

tele_to_front

get_curpage

tele_to_back

get_maxsub

view_to_front

get_minsub

view_to_back

get_subvalid

view_on

reveal_on

view_off

reveal_off

loadpage

save_tt

save_ascii

save_iff

save_ansi

initialize

get_status

set_catalog

set_subpage

get_page

1.4 Quit

Syntax: quit

Purpose: Quits the TeleText programm

Results: none

1.5 Version

Syntax: version

Purpose: get the version string from TeleText programm

Results: version/copyright string

1.6 Tele_To_Front

Syntax: tele_to_front

Purpose: TeleText screen to front

Results: none

1.7 Tele_To_Back

Syntax: tele_to_back

Purpose: TeleText screen to back

Results: none

1.8 View_To_Front

Syntax: view_to_front

Purpose: ViewScreen to front
command is ignored when ViewScreen is not open

Results: none

1.9 View_To_Back

Syntax: view_to_back

Purpose: ViewScreen to back
command is ignored when ViewScreen is not open

Results: none

1.10 View_On

Syntax: view_on

Purpose: Opens ViewScreen, when a page is present in the current catalog, this page will be shown on the ViewScreen. ViewScreen is put in front. This command is ignored when the ViewScreen is already open.

Results: "0" if the screen was opened successfully (or was already open)
"1" if the screen could not be opened

1.11 View_Off

Syntax: view_off

Purpose: Closes the ViewScreen
This command is ignored when the ViewScreen was not open

Results: none

1.12 Get_Status

Syntax: get_status

Purpose: Get the current status of the video/teletext signal & I2C bus

Results: return a number

bit 1 = 1	I2C ok	bit 1 = 0	I2C error
bit 2 = 1	Video ok	bit 2 = 0	Video poor
bit 3 = 1	TeleText ok	bit 3 = 0	TeleText poor

Arexx provides easy to use functions to do bit checking, see your Arexx manual for details.

1.13 Set_Catalog

Syntax: set_catalog <number>

Purpose: Sets the default catalog
If a page is present in that catalog, it will be displayed
Currently (V1.20) <number> must be between 1 and 4

Results: returns the actually set catalog

1.14 Set_SubPage

Syntax: set_subpage <number>

Purpose: Sets the current subpage
If present in that catalog, it will be displayed
Currently (V1.20) <number> must be between 1 and 50

Results: returns the actually displayed subpage,
or when the result is negative an errorcode
"-1" no valid page present in the default catalog
"-2" no subpages for the page in the def. catalog
"-3" requested subpage is already displayed
"-4" subpage is not present/valid

1.15 Get_Page

Syntax: get_page <number>

Purpose: requests a page from the TeleText decoder.
<number> must be a decimal between 100 and 899
page is fetched in the default catalog

Results: "0" no error
"1" invalid pagenumber
"2" timeout occurred
"3" user abort (pressed 'b' or clicked Stop)
"4" not enough memory
"5" parallel port was not allocated

1.16 LoadPage

Syntax: loadpage <filename>

Purpose: loads a page from disk into the default catalog and displays it
<filename> may contain a full path
e.g. loadpage testing.tt
loadpage dh0:TeleText/Pages/mypage.tt

Results: "0" no error
"1" file is not a TT file

"2" file does not exist
"3" could not allocate enough memory

1.17 Save_TT

Syntax: `save_tt <filename>`

Purpose: save the default catalog to disk in TT-format
<filename> may contain a full path
e.g. `save_tt testing.tt`
`save_tt dh0:TeleText/Pages/mypage.tt`

Results: "0" no errors
"1" no page present in current catalog
"2" write error occurred during save

1.18 Save_ASCII

Syntax: `save_ascii <filename>`

Purpose: save the default catalog to disk in ASCII-format
<filename> may contain a full path
e.g. `save_ascii testing.asc`
`save_ascii dh0:TeleText/Pages/mypage.asc`
Note that the reveal codes option influences this function
(e.g. the page is save exactly as it is displayed)

Results: "0" no errors
"1" no page present in current catalog
"2" write error occurred during save

1.19 Save_IFF

Syntax: `save_iff <filename>`

Purpose: save the current page of the default catalog to disk in IFF-format
<filename> may contain a full path
e.g. `save_iff testing.iff`
`save_iff dh0:TeleText/Pages/mypage.iff`
Note that the reveal codes option influences this function
(e.g. the page is save exactly as it is displayed)

Results: "0" no errors
"1" no page present in current catalog or
current subpage empty
"2" write error occurred during save

1.20 Save_ANSI

Syntax: `save_ansi <filename>`

Purpose: save the current page of the default catalog to disk in ANSI-format
<filename> may contain a full path
e.g. `save_ansi testing.ansi`
`save_ansi dh0:TeleText/Pages/mypage.ansi`
Note that the reveal codes option influences this function (e.g. the page is save exactly as it is displayed)

Results: "0" no errors
"1" no page present in current catalog or current subpage empty
"2" write error occurred during save

1.21 Initialize

Syntax: `initialize`

Purpose: Clears all catalogs

Results: none

1.22 Get_CurSub

Syntax: `get_cursub`

Purpose: gets the number of the current displayed subpage (active catalog)

Results: number larger than zero : number of the subpage
"-1" : no valid page in catalog
"-2" : no subpages in catalog

1.23 Get_CurCat

Syntax: `get_curcat`

Purpose: gets the number of the current active catalog

Results: catalog number

1.24 Get_CurPage

Syntax: `get_curpage`

Purpose: gets the number of the currently displayed page

Results: number larger or equal 100 : pagenumber
"-1": no page present

1.25 Reveal_On

Syntax: `reveal_on`

Purpose: turns on reveal codes. This will reveal all hidden information on the displayed page. It will remain on until turned off by `reveal_off`. The screen will be redrawn. This will also influence the save Ansi/Ascii/IFF funtions.

Results: "0" : ok
"1" : page does not contain hidden info
"2" : no valid page in catalog
"3" : reveal is already on

1.26 Reveal_Off

Syntax: `reveal_off`

Purpose: turns off reveal codes. This will hide all hidden information on the displayed page. It will remain off until turned on by `reveal_on`. The screen will be redrawn. This will also influence the save Ansi/Ascii/IFF funtions.

Results: "0" : ok
"1" : page does not contain hidden info
"2" : no valid page in catalog
"3" : reveal is already off

1.27 Get_MaxSub

Syntax: `get_maxsub`

Purpose: gets the number of the last valid subpage

Results: number larger than 0: last subpage
"-1" : no valid page in catalog
"-2" : no subpages in catalog

1.28 Get_MinSub

Syntax: `get_minsub`

Purpose: gets the number of the first valid subpage

Results: number larger than 0: first subpage

"-1" : no valid page in catalog

"-2" : no subpages in catalog

1.29 Get_SubValid

Syntax: `get_subvalid <number>`

Purpose: checks if the given subpage is valid
currently, number is in the range 0-50

Results: the subnumber itself is return when it is valid

"-1" : no valid page in catalog

"-2" : no subpages in catalog

"-3" : subpage is not valid

"-4" : number not within limits (0<number<50)