Arexx

COLLABORATORS

	TITLE : Arexx		
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Arexx

1.1 TeleText Documentation

TeleText V1.20 (29.12.1993)

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Arexx Documentation

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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)