

```
1: #!/bin/bash
2: # shellcheck source=kzcommon.sh
3: # -----
4: # GUI-wijzigingen tonen.
5: #
6: # Geschreven door Karel Zimmer <info@karelzimmer.nl>.
7: #
8: # Auteursrecht (c) 2015-2021 Karel Zimmer.
9: # GNU Algemene Publieke Licentie <https://www.gnu.org/licenses/gpl.html>.
10: #
11: # RelNum=09.01.00
12: # RelDat=2021-01-18
13: # -----
14: #
15: # -----
16: # Global constants
17: # -----
18: source "$(dirname "$0")"/kzcommon.sh
19:
20: # Bij aanpassingen ook .completion aanpassen!
21: readonly OPTIONS_SHORT=$OPTIONS_SHORT_COMMON
22: readonly OPTIONS_LONG=$OPTIONS_LONG_COMMON
23: readonly USAGE="Gebruik: $PROGNAME $OPTIONS_USAGE_COMMON"
24: readonly HELP="Gebruik: $PROGNAME [OPTIE...]"
25:
26: GUI-wijzigingen tonen.
27: #
28: Opties:
29: $OPTIONS_HELP_COMMON"
30: #
31: # -----
32: # Global variables
33: # -----
34: declare CONFIG_A=""
35: declare CONFIG_B=""
36: #
37: # -----
38: # Functions
39: # -----
40: check_input() {
41:     local -i getopt_rc=0
42:     local parsed=""
43:
44:     parsed=$(
45:         getopt --alternative \
46:                --options      "$OPTIONS_SHORT" \
47:                --longoptions  "$OPTIONS_LONG" \
48:                --name         "$PROGNAME" \
49:                -- "$@"
50:     ) || getopt_rc=$?
51:     if [[ $getopt_rc -ne 0 ]]; then
52:         printf '%s\n' "$USAGELINE" >&2
53:         exit $ERROR
54:     fi
55:     eval set -- "$parsed"
56:     process_general_options "$@"
57:
58:     while true; do
59:         case $1 in
60:             --)
61:                 shift
62:                 break
63:                 ;;
64:             *)
65:                 shift
66:                 ;;
67:         esac
68:     done
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69:
70:     if [[ "$*" ]]; then
71:         printf "$PROGNAME: %s\n%s\n" 'geen argumenten opgeven' "$USAGELINE" >&2
72:         exit $ERROR
73:     fi
74:
75:     # Een non-gui script gestart met optie gui.
76:     if $OPTION_GUI; then
77:         OPTION_GUI=false
78:         TERMINAL=true
79:     fi
80:
81:     check_user
82: }
83:
84: process_input() {
85:     CONFIG_A=$(mktemp -t "$PROGNAME-A-XXXXXXXXXX.lst")
86:     save_configuration_database A "$CONFIG_A"
87:     request_input
88:     CONFIG_B=$(mktemp -t "$PROGNAME-B-XXXXXXXXXX.lst")
89:     save_configuration_database B "$CONFIG_B"
90:     report_database_changes "$CONFIG_A" "$CONFIG_B"
91: }
92:
93: save_configuration_database() {
94:     local fase=${1:-fase?}
95:     local output_file=${2:-output_file?}
96:
97:     gsettings list-recursively > "$output_file" 2> >($LOGCMD)
98:
99:     sort --unique \
100:         --output="$output_file" \
101:         "$output_file"
102:
103:     info "Inhoud configuratiedatabase vastgelegd ($fase)."
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104: }
105:
106: request_input() {
107:     info 'Voer nu de wijziging uit in de grafische werkomgeving.'
108:     read -rp 'Druk op de Enter-toets wanneer gereed [Enter]: ' < /dev/tty
109: }
110:
111: report_database_changes() {
112:     local output_file1=${1:-output_file1?}
113:     local output_file2=${2:-output_file2?}
114:     local -i diff_rc=0
115:
116:     info 'Wijzigingen in de configuratiedatabase,
117: < is de oude instelling (A),
118: > is de nieuwe instelling (B):'
```

```
119:     diff "$output_file1" \
120:         "$output_file2" |
121:     grep --regexp='[>|<]' || true
122:     diff_rc=${PIPESTATUS[0]}
123:     if [[ $diff_rc -eq 0 ]]; then
124:         info 'Geen wijzigingen in de configuratiedatabase.'
```

```
125:     else
126:         info "Voer uit:
127: ${BLUE}gsettings set WIJZIGING${NORMAL}"
128:     fi
129: }
130:
131: term_script() {
132:     rm "$CONFIG_A" \
133:         "$CONFIG_B"
134:     exit $SUCCESS
135: }
136:
```

```
137: # -----  
138: # Main line  
139: # -----  
140: main() {  
141:     init_script  
142:     check_input "$@"  
143:     process_input  
144:     term_script  
145: }  
146:  
147: main "$@"  
148:  
149: # EOF
```