Package ‘svDialogstcltk’

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Dlg_dir.tcltkGUI

A Tcl/Tk version of the svDialogs directory selection dialog box

Description

Select an existing directory, or create a new one.

Usage

```r
## S3 method for class 'tcltkGUI'
dlg_dir(default = getwd(), title = "Choose a directory", ..., gui = .GUI)
```

Arguments

- `default`: The path to the default directory that is proposed (e.g., current working directory).
- `title`: A title to display on top of the dialog box.
- `...`: Not used yet.
- `gui`: The ‘gui’ object concerned by this dialog box.

Value

The path to the selected folder.

See Also

- `svDialogs::dlg_dir()`

Examples

```r
library(svDialogs) # Tcl/Tk dialog boxes are now used by default
## Not run:
# A quick default directory changer
setwd(dlg_dir(default = getwd())$res)
```

## End(Not run)
dlg_input.tcltkGUI

A Tcl/Tk version of the svDialogs input a string or value dialog box

Description

Prompt for some data in a modal dialog box.

Usage

```r
## S3 method for class 'tcltkGUI'
dlg_input(message = "Enter a value", default = ",", ..., gui = .GUI)
```

Arguments

- `message`: The message to display in the dialog box. Use \n for line break, or provide a vector of character strings, one for each line.
- `default`: The default value in the text box. Single string or NULL.
- `...`: Not used yet.
- `gui`: The 'gui' object concerned by this dialog box.

Value

The string the user wrote in the dialog box.

See Also

svDialogs::dlg_input()

Examples

```r
library(svDialogstcltk) # Tcl/Tk dialog boxes are now used by default
## Not run:
# Ask something...
user <- dlg_input("Who are you?", Sys.info()$user)$res
if (!length(user)) { # The user clicked the 'cancel' button
cat("OK, you prefer to stay anonymous!\n")
} else {
cat("Hello", user, "\n")
}
## End(Not run)
```
Description

A Tcl/Tk version of the svDialogs list selection dialog box

Usage

```r
## S3 method for class 'tcltkGUI'
dlg_list(
  choices,
  preselect = NULL,
  multiple = FALSE,
  title = NULL,
  ...
  gui = .GUI
)
```

Arguments

- `choices`: The list of items. It is coerced to character strings.
- `preselect`: A list of preselections, or NULL (then, the first element is selected in the list). Preselections not in choices are tolerated (but they are ignored without warning or error).
- `multiple`: Is it a multiple selection dialog box?
- `title`: The title of the dialog box, or NULL to use a default title instead.
- `...`: Not used yet.
- `gui`: The 'gui' object concerned by this dialog box.

Value

A character vector with the items that were selected by the user.

See Also

- `svDialogs::dlg_list()`

Examples

```r
library(svDialogstcltk) # Tcl/Tk dialog boxes are now used by default
## Not run:
# Select one or several months
res <- dlg_list(month.name, multiple = TRUE)$res
if (!length(res)) {
  cat("You cancelled the choice\n")
} else {
```
dlg_message.tcltkGUI

## End(Not run)

---

dlg_message.tcltkGUI  A Tcl/Tk version of the svDialogs message box

### Description
A Tcl/Tk version of the svDialogs message box

### Usage

```r
## S3 method for class 'tcltkGUI'
dlg_message(
  message,
  type = c("ok", "okcancel", "yesno", "yesnocancel"),
  ..., 
  gui = .GUI
)
```

### Arguments
- **message**: The message to display in the dialog box.
- **type**: The type of dialog box: 'ok', 'okcancel', 'yesno' or 'yesnocancel'.
- **...**: Not used yet.
- **gui**: The 'gui' object concerned by this dialog box.

### Value
The button pressed by the user.

### See Also
- `svDialogs::dlg_message()`

### Examples
```r
library(svDialogstcltk)  # Tcl/Tk dialog boxes are now used by default
## Not run:
# A simple information box
dlg_message("Hello world!")$res

# Ask to continue
dlg_message(c("This is a long task!", "Continue?"), "okcancel")$res
```
# Ask a question
dlg_message("Do you like apples?", "yesno")$res

# Idem, but one can interrupt too
res <- dlg_message("Do you like oranges?", "yesnocancel")$res
if (res == "cancel")
  cat("Ah, ah! You refuse to answer!\n")

## End(Not run)

dlg_open.tcltkGUI

---

**Description**

A Tcl/Tk version of the svDialogs file open dialog box

**Usage**

```r
## S3 method for class 'tcltkGUI'

dlg_open(
  default = "",
  title = if (multiple) "Select files" else "Select file",
  multiple = FALSE,
  filters = dlg_filters["All", ],
  ...
)
```

**Arguments**

- `default` The default file to start with (use /dir/* or /dir/*.* to start in a given directory).
- `title` A title to display on top of the dialog box.
- `multiple` Is a multiple selection of files allowed?
- `filters` A specification of file filters as a nx2 matrix, or a character string with even number of items. First items is the label, second one is the filter. See `dlg_filters` for examples. This is currently ignored on MacOS and RStudio, since such kind of filter is defined differently there.
- `...` Not used yet.
- `gui` The 'gui' object concerned by this dialog box.

**Value**

The path to the file to open.
#### See Also

svDialogs::dlg_open()

#### Examples

```r
library(svDialogstcltk) # Tcl/Tk dialog boxes are now used by default

## Not run:
# Choose one R file
dlg_open(title = "Select one R file", filters = dlg_filters["R", "All"],)$res
# Choose several files
dlg_open(multiple = TRUE)$res

## End(Not run)
```

---

**dlg_save.tcltkGUI**

A Tcl/Tk version of the svDialogs file save dialog box

#### Description

A Tcl/Tk version of the svDialogs file save dialog box

#### Usage

```r
## S3 method for class 'tcltkGUI'
dlg_save(
  default = "untitled",
  title = "Save file as",
  filters = dlg_filters["All"],
  ..., 
  gui = .GUI
)
```

#### Arguments

- `default` The default file to start with (use `/dir/*` or `/dir/*.*` to start in a given directory, but without predefined name).
- `title` A title to display on top of the dialog box.
- `filters` A specification of file filters as a nx2 matrix, or a character string with even number of items. First items is the label, second one is the filter. See `dlg_filters` for examples. This is currently ignored on MacOS, since such kind of filter is defined differently there.
- `...` Not used yet.
- `gui` The `gui` object concerned by this dialog box.

#### Value

The path to the file to save to.
See Also

`svDialogs::dlg_save()`

Examples

```r
library(svDialogstcltk) # Tcl/Tk dialog boxes are now used by default
## Not run:
# Choose one R filename to save some R script into it
dlg_save(title = "Save R script to", filters = dlg_filters[c("R", "All"), ])$res

## End(Not run)
```
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