

Tkinter Dialogs

:mod:`tkinter.simpledialog` --- Standard Tkinter input dialogs

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 4); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 7)

Unknown directive type "module".

```
.. module:: tkinter.simpledialog
   :platform: Tk
   :synopsis: Simple dialog windows
```

Source code: `:source:`Lib/tkinter/simpledialog.py``

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 11); [backlink](#)

Unknown interpreted text role "source".

The `:mod:`tkinter.simpledialog`` module contains convenience classes and functions for creating simple modal dialogs to get a value from the user.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 15); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 19)

Unknown directive type "function".

```
.. function:: askfloat(title, prompt, **kw)
              askinteger(title, prompt, **kw)
              askstring(title, prompt, **kw)
```

The above three functions provide dialogs that prompt the user to enter a value of the desired type.

The base class for custom dialogs.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 30)

Unknown directive type "method".

```
.. method:: body(master)
```

Override to construct the dialog's interface and return the widget that should have initial focus.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 35)

Unknown directive type "method".

```
.. method:: buttonbox()
```

Default behaviour adds OK and Cancel buttons. Override for custom button layouts.

:mod:`tkinter.filedialog` --- File selection dialogs

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 42); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 45)

Unknown directive type "module".

```
.. module:: tkinter.filedialog
   :platform: Tk
   :synopsis: Dialog classes for file selection
```

Source code: :source:`Lib/tkinter/filedialog.py`

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 49); [backlink](#)

Unknown interpreted text role "source".

The :mod:`tkinter.filedialog` module provides classes and factory functions for creating file/directory selection windows.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 53); [backlink](#)

Unknown interpreted text role "mod".

Native Load/Save Dialogs

The following classes and functions provide file dialog windows that combine a native look-and-feel with configuration options to customize behaviour. The following keyword arguments are applicable to the classes and functions listed below:

- parent* - the window to place the dialog on top of
- title* - the title of the window
- initialdir* - the directory that the dialog starts in
- initialfile* - the file selected upon opening of the dialog
- filetypes* - a sequence of (label, pattern) tuples, '*' wildcard is allowed
- defaultextension* - default extension to append to file (save dialogs)
- multiple* - when true, selection of multiple items is allowed

Static factory functions

The below functions when called create a modal, native look-and-feel dialog, wait for the user's selection, then return the selected value(s) or None to the caller.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 85)

Unknown directive type "function".

```
.. function:: askopenfile(mode="r", **options)
             askopenfiles(mode="r", **options)
```

The above two functions create an :class:`Open` dialog and return the opened file object(s) in read-only mode.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\cpython-main [Doc] [library]dialog.rst, line 91)

Unknown directive type "function".

```
.. function:: asksaveasfile(mode="w", **options)
```

Create a :class:`SaveAs` dialog and return a file object opened in write-only mode.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\cpython-main [Doc] [library]dialog.rst, line 95)

Unknown directive type "function".

```
.. function:: askopenfilename(**options)
             askopenfilenames(**options)
```

The above two functions create an :class:`Open` dialog and return the selected filename(s) that correspond to existing file(s).

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\cpython-main [Doc] [library]dialog.rst, line 101)

Unknown directive type "function".

```
.. function:: asksaveasfilename(**options)
```

Create a :class:`SaveAs` dialog and return the selected filename.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\cpython-main [Doc] [library]dialog.rst, line 105)

Unknown directive type "function".

```
.. function:: askdirectory(**options)
```

| Prompt user to select a directory.

| Additional keyword option:

| *mustexist* - determines if selection must be an existing directory.

The above two classes provide native dialog windows for saving and loading files.

Convenience classes

The below classes are used for creating file/directory windows from scratch. These do not emulate the native look-and-feel of the platform.

Create a dialog prompting the user to select a directory.

Note

The *FileDialog* class should be subclassed for custom event handling and behaviour.

Create a basic file selection dialog.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\cpython-main [Doc] [library]dialog.rst, line 133)

Unknown directive type "method".

```
.. method:: cancel_command(event=None)
```

Trigger the termination of the dialog window.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\cpython-main [Doc] [library]dialog.rst, line 137)

Unknown directive type "method".

```
.. method:: dirs_double_event(event)
```

Event handler for double-click event on directory.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 141)

Unknown directive type "method".

```
.. method:: dirs_select_event(event)
```

Event handler for click event on directory.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 145)

Unknown directive type "method".

```
.. method:: files_double_event(event)
```

Event handler for double-click event on file.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 149)

Unknown directive type "method".

```
.. method:: files_select_event(event)
```

Event handler for single-click event on file.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 153)

Unknown directive type "method".

```
.. method:: filter_command(event=None)
```

Filter the files by directory.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 157)

Unknown directive type "method".

```
.. method:: get_filter()
```

Retrieve the file filter currently in use.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 161)

Unknown directive type "method".

```
.. method:: get_selection()
```

Retrieve the currently selected item.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 165)

Unknown directive type "method".

```
.. method:: go(dir_or_file=os.curdir, pattern="", default="", key=None)
```

Render dialog and start event loop.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 169)

Unknown directive type "method".

```
.. method:: ok_event(event)

    Exit dialog returning current selection.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 173)

Unknown directive type "method".

```
.. method:: quit(how=None)

    Exit dialog returning filename, if any.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 177)

Unknown directive type "method".

```
.. method:: set_filter(dir, pat)

    Set the file filter.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 181)

Unknown directive type "method".

```
.. method:: set_selection(file)

    Update the current file selection to *file*.
```

A subclass of `FileDialog` that creates a dialog window for selecting an existing file.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 191)

Unknown directive type "method".

```
.. method:: ok_command()

    Test that a file is provided and that the selection indicates an
    already existing file.
```

A subclass of `FileDialog` that creates a dialog window for selecting a destination file.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 201)

Unknown directive type "method".

```
.. method:: ok_command()

    Test whether or not the selection points to a valid file that is not a
    directory. Confirmation is required if an already existing file is
    selected.
```

:mod:`tkinter.commondialog` --- Dialog window templates

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 207); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 210)

Unknown directive type "module".

```
.. module:: tkinter.commondialog
   :platform: Tk
   :synopsis: Tkinter base class for dialogs
```

Source code: `source:'Lib/tkinter/commondialog.py'`

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 214); [backlink](#)

Unknown interpreted text role "source".

The `mod:'tkinter.commondialog'` module provides the `class:'Dialog'` class that is the base class for dialogs defined in other supporting modules.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 218); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 218); [backlink](#)

Unknown interpreted text role "class".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 223)

Unknown directive type "method".

```
.. method:: show(color=None, **options)

   Render the Dialog window.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]dialog.rst, line 228)

Unknown directive type "seealso".

```
.. seealso::

   Modules :mod:`tkinter.messagebox`, :ref:`tut-files`
```