

:mod:`tkinter.font` --- Tkinter font wrapper

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]tkinter.font.rst, line 1); [backlink](#)

Unknown interpreted text role "mod".

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

Unknown directive type "module".

```
.. module:: tkinter.font
   :platform: Tk
   :synopsis: Tkinter font-wrapping class
```

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

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Unknown interpreted text role "source".

The `:mod:`tkinter.font`` module provides the `:class:`Font`` class for creating and using named fonts.

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Unknown interpreted text role "mod".

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Unknown interpreted text role "class".

The different font weights and slants are:

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Unknown directive type "data".

```
.. data:: NORMAL
          BOLD
          ITALIC
          ROMAN
```

The `:class:`Font`` class represents a named font. *Font* instances are given unique names and can be specified by their family, size, and style configuration. Named fonts are Tk's method of creating and identifying fonts as a single object, rather than specifying a font by its attributes with each occurrence.

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Unknown interpreted text role "class".

arguments:

font - font specifier tuple (family, size, options)
name - unique font name
exists - self points to existing named font if true

additional keyword options (ignored if *font* is specified):

family - font family i.e. Courier, Times
size - font size

If *size* is positive it is interpreted as size in points.
If *size* is a negative number its absolute value is treated
as size in pixels.

weight - font emphasis (NORMAL, BOLD)

slant - ROMAN, ITALIC

underline - font underlining (0 - none, 1 - underline)

overstrike - font strikeout (0 - none, 1 - strikeout)

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Unknown directive type "method".

```
.. method:: actual(option=None, displayof=None)

    Return the attributes of the font.
```

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Unknown directive type "method".

```
.. method:: cget(option)

    Retrieve an attribute of the font.
```

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Unknown directive type "method".

```
.. method:: config(**options)

    Modify attributes of the font.
```

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Unknown directive type "method".

```
.. method:: copy()

    Return new instance of the current font.
```

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Unknown directive type "method".

```
.. method:: measure(text, displayof=None)

    Return amount of space the text would occupy on the specified display
    when formatted in the current font. If no display is specified then the
    main application window is assumed.
```

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Unknown directive type "method".

```
.. method:: metrics(*options, **kw)

    Return font-specific data.
    Options include:
```

`*ascent*` - distance between baseline and highest point that a character of the font can occupy

`*descent*` - distance between baseline and lowest point that a character of the font can occupy

`*linespace*` - minimum vertical separation necessary between any two characters of the font that ensures no vertical overlap between lines.

`*fixed*` - 1 if font is fixed-width else 0

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Unknown directive type "function".

```
.. function:: families(root=None, displayof=None)

    Return the different font families.
```

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Unknown directive type "function".

```
.. function:: names(root=None)

    Return the names of defined fonts.
```

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Unknown directive type "function".

```
.. function:: nametofont(name, root=None)

    Return a :class:`Font` representation of a tk named font.

.. versionchanged:: 3.10
    The *root* parameter was added.
```