

cascadiamono-otf (v0.2)

1 Usage

With `\usepackage{fontspec}` (so with XeTeX or LuaLaTeX compilation), you can use `CascadiaCode` fonts, and *remove* ligature's features, in order to use (in fact) `CascadiaMono` fonts.

The idea is to propose `fontspec` config files to load correctly `CascadiaMono` features.

```
\usepackage{fontspec}
\setmonofont{CascadiaMono}[options]           %version regular
\setmonofont{CascadiaMono-SemiLight}[options] %version semilight
\setmonofont{CascadiaMono-Light}[options]     %version light
\setmonofont{CascadiaMono-ExtraLight}[options] %version extralight
```

2 The default settings

Following OpenType fonts are supported (it's based on `CascadiaCode` without the ligatures) :

```
CascadiaCode-Bold.otf           CascadiaCode-BoldItalic.otf
CascadiaCode-ExtraLight.otf     CascadiaCode-ExtraLightItalic.otf
CascadiaCode-Italic.otf         CascadiaCode-Light.otf
CascadiaCode-LightItalic.otf   CascadiaCode-Regular.otf
CascadiaCode-SemiBold.otf       CascadiaCode-SemiBoldItalic.otf
CascadiaCode-SemiLight.otf      CascadiaCode-SemiLightItalic.otf
```

The `fontspec` config for the *normal* version :

```
\defaultfontfeatures[CascadiaMono]
{Extension=.otf,
 UprightFont=CascadiaCode-Regular,
 ItalicFont=CascadiaCode-Italic,
 BoldFont=CascadiaCode-Bold,
 BoldItalicFont=CascadiaCode-BoldItalic,
 Contextuals=AlternateOff}
```

The `fontspec` config for the other versions are :

```
\defaultfontfeatures[CascadiaMono-Light]
{Extension=.otf,
 UprightFont=CascadiaCode-Light,
 ItalicFont=CascadiaCode-LightItalic,
 BoldFont=CascadiaCode-Regular,
 BoldItalicFont=CascadiaCode-Italic,
 Contextuals=AlternateOff}
```

```
\defaultfontfeatures[CascadiaMono-SemiLight]
{Extension=.otf,
 UprightFont=CascadiaCode-SemiLight,
 ItalicFont=CascadiaCode-SemiLightItalic,
 BoldFont=CascadiaCode-SemiBold,
 BoldItalicFont=CascadiaCode-SemiBoldItalic,
 Contextuals=AlternateOff}
```

```
\defaultfontfeatures[CascadiaMono-ExtraLight]
{Extension=.otf,
 UprightFont=CascadiaCode-ExtraLight,
 ItalicFont=CascadiaCode-ExtraLightItalic,
 BoldFont=CascadiaCode-SemiLight,
 BoldItalicFont=CascadiaCode-SemiLightItalic,
 Contextuals=AlternateOff}
```

3 Font Samples

3.1 Normal version (Regular - Italic - Bold - BoldItalic)

For £45, almost anything can be found floating in fields.

!`THE DAZED BROWN FOX QUICKLY GAVE 12345--67890 JUMPS!

--- ?`But aren't Kafka's Schloß and Æsop's Œuvres often naïve vis-à-vis the dæmonic phœnix's official rôle in fluffy soufflés?

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3.2 SemiLight version (SemiLight - SemiLightItalic - SemiBold - SemiBoldItalic)

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3.3 Light version (Light - LightItalic - Regular - Italic)

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3.4 ExtraLight version (ExtraLight - ExtraLightItalic - SemiLightItalic - SemiLightItalic)

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4 Algorithm samples

4.1 Normal version

```
def Fibonacci(n) :  
    # Check if input is 0 then it will print incorrect input  
    if n < 0 :  
        print("Incorrect input")  
    elif n == 0 :  
        return 0  
    elif n == 1 or n == 2 :  
        return 1  
    else :  
        return Fibonacci(n-1) + Fibonacci(n-2)
```

4.2 SemiLight version

```
def Fibonacci(n) :  
    # Check if input is 0 then it will print incorrect input  
    if n < 0 :  
        print("Incorrect input")  
    elif n == 0 :  
        return 0  
    elif n == 1 or n == 2 :  
        return 1  
    else :  
        return Fibonacci(n-1) + Fibonacci(n-2)
```

4.3 Light version

```
def Fibonacci(n) :  
    # Check if input is 0 then it will print incorrect input  
    if n < 0 :  
        print("Incorrect input")  
    elif n == 0 :  
        return 0  
    elif n == 1 or n == 2 :  
        return 1  
    else :  
        return Fibonacci(n-1) + Fibonacci(n-2)
```

4.4 ExtraLight version

```
def Fibonacci(n) :  
    # Check if input is 0 then it will print incorrect input  
    if n < 0 :  
        print("Incorrect input")  
    elif n == 0 :  
        return 0  
    elif n == 1 or n == 2 :  
        return 1  
    else :  
        return Fibonacci(n-1) + Fibonacci(n-2)
```

5 History

v0.2 New weight options

v0.1 Initial version