

# 3rd Party Software: FreeType2 Configuration

3<sup>rd</sup> party software FreeType2 is used by the [Candera](#) Engine and can be configured in CMake like this:

| Name                           | Description                                                                                                                                                    | Possible values |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| FREETYPE2_CUSTOMIZE            | Enable or disable FreeType2 customization.                                                                                                                     | ON/OFF          |
| FREETYPE2_FORCE_DEFAULT_CONFIG | Set all Freetype2 configuration flags such that the outcome is equivalent to using the "freetype/include/config/" files.                                       | ON/OFF          |
| FREETYPE2_FORCE_CANDERA_CONFIG | Set all Freetype2 configuration flags such that the outcome is equivalent to using "Candera/TextEngine/FreeType/FtCda*.h" files.                               | ON/OFF          |
| FREETYPE2_FORCE_EMPTY_CONFIG   | Clears all Freetype2 configuration flags.                                                                                                                      | ON/OFF          |
| FREETYPE2_FORCE_LIGHT_CONFIG   | Set all Freetype2 configuration flags to a minimal setting that provides support for using TrueType fonts and anti-aliased rendering with a minimal code size. | ON/OFF          |

The "light" configuration (FREETYPE2\_FORCE\_LIGHT\_CONFIG) does not support rendering of Opentype fonts. However, a rather minimal configuration with Opentype support is possible by enabling the following flags on top of the "light" configuration:

FREETYPE2\_MODLOAD\_DRIVER\_CFF  
FREETYPE2\_MODLOAD\_MODULE\_PSAUX  
FREETYPE2\_MODLOAD\_MODULE\_PSHINTER  
FREETYPE2\_MODLOAD\_MODULE\_PSNames  
FREETYPE2\_OPT\_FT\_CONFIG\_OPTION\_POSTSCRIPT\_NAMES  
FREETYPE2\_OPT\_TT\_CONFIG\_OPTION\_POSTSCRIPT\_NAMES

The exact features are font specific. The fastest way to evaluate the minimal module set requirements for a font is to get in contact with the font designer.

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