

## 1. Graphics2D tests

### setFont Ubuntu

Available fonts vary greatly among operating system and individual installations. The graphics-2d font capability differs from the rest of clj-pdf, relying on an underlying Java AWT system. Currently, that system imports fonts only from common system directories (TrueType, OpenType, and Type1 fonts). This makes choosing a single cross-platform test font that isn't in the default set (SansSerif(Helvetica), Serif(Times), Monospaced(Courier)) unlikely.

To be reasonably cross-platform, these tests work generally under at least one standard operating system font, to the extent that exists at all in a given OS family. This has been verified on at least one system of the following: MacOS 10.12.5.

All systems: This text has its font unspecified, so should have font size 12, and be Helvetica on most systems. Helvetica is a very widely used sans serif font by Max Miedinger with input from Eduard Hoffmann. The Regular weight, which this text should be set in, has a double story 'a' with a small curved terminal at the bottom of the main vertical stroke. The 'g' is single story.

All systems: This should have font size 12, and be Times New Roman.

Times New Roman is a popular classic serif font by Stanley Morison with input from Victor Lardent, released in 1932. The Regular weight, which this text should be set in, is a serif font that was designed for newsprint, optimized for readability and compactness. It has both double story 'g' and 'a'.

Ubuntu: This should have font size 12, and be Lato.

Lato is a popular open source font by Lukasz Dziedzic and team. The Regular (400) weight, which this text should be set in, is a sans serif font with double story 'g' and 'a'. The 'a' does not have the curved bottom terminal of Helvetica Regular.