

## Rendering Fonts in PDF

During the draft stage, policy authors create sections and sub sections to write the content that describes a policy. Different authors use several fonts to highlight a significant note or heading that will help them differentiate the significant text from the other contents in a policy. This also enables policy viewers to search the content in the policy that is relevant only to them. A policy generated in PDF, by default, uses the built-in fonts: Times New Roman, Arial, and Courier to allow viewers to see correctly when built-in fonts are used. When a policy is created using different fonts, as a policy author you will need to ensure that fonts in the PDF files match with the fonts of a policy in RiskVision.

However, if a font is not rendered in PDF even when it is available in the operating system and RiskVision, then you should perform the following steps to change the font directory location to render fonts correctly in PDF:

1. Go to the `%AGILIANCE_HOME%\Tomcat\webapps\spc\WEB-INF\classes\pd4font.properties` directory and open the `pd4font.properties` file by using a text editor.
2. Locate the following property and set the property to point the fonts directory to the location where your operating system is installed. By default, the property is set to as:
3. `font.dir.location=C:\Windows\Fonts`

For example, if you have installed your operating system in the `D:\` directory, then you should set the property to as `D:\Windows\Fonts`.

4. Restart the RiskVision Tomcat service.
5. The PDF should now be able to render the fonts correctly.

Although after changing the fonts directory location, if you still observe that a font is substituted with a different font; implies that a font is not available in the operating system, or the PD4ML tool that generates the PDF itself does not support the font. In both the cases, the fonts in PDF are substituted according to the fallback tables of the font group. To learn how a fallback rule is applied for substituting a font, visit the following URL:

[http://pd4ml.com/cookbook/pd4ml\\_pdf\\_true\\_type\\_fonts.htm](http://pd4ml.com/cookbook/pd4ml_pdf_true_type_fonts.htm)