

Testing 123 – XeLaTeX Testing

What Fonts?

Body text: "Lora/OT:mapping=tex-text;" at 10.95pt

Mono: "Inconsolata/OT" at 11.98022pt

Italics: "Lora Italic/OT:mapping=tex-text;" at 10.95pt

Sans: "Roboto Condensed/OT:script=latn;language=DFLT;mapping=tex-text;" at 10.95pt

Bold: "Lora Bold/OT:mapping=tex-text;" at 10.95pt

Sections: "Roboto Condensed Bold/OT:script=latn;language=DFLT;mapping=tex-text;" at 12.0pt

Lorizzle Ipshizzle

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Font Flippage

Here be regular text, *and here be fancy text*, and here be **inline code**, and here be **fat text**, and here be less fancy text.

Lora is a beefy font (which is why we are using 11pt instead of 12pt), so we needed to scale up the size of the code font (Inconsolata) to match:

Height check (code): llllllll ooooooooo mmmmmmmmm tttttttt xxxxxxxxx

Height check (Sans): llllllll ooooooooo mmmmmmmmm tttttttt xxxxxxxxx

Close enough.

Ligatures

Does our font have them? If so, can we search for them, and copy & paste them? Lets find out with **The fluffies!** XeLaTeX seems to deal with ligatures pretty well. The Lora font doesn't seem to have them, but other fonts that I have tried do, and it mostly works fine. Some fonts however, like Roboto Condensed do NOT work properly – I suspect the font is at fault. Look at that – we just tested the em dash too.

Code Blockage (listings)

Before:

```
@Test
public void testDaoSaveAndDelete() {
    // create product for testing
    Product savedProd = new Product(3, "name", "desc", "cat", 1.0, 2.0);

    // save the product using DAO
    dao.saveProduct(savedProd);

    // retrieve the same product via DAO
    Product retrieved = dao.findById(3);

    // delete the product via the DAO
    dao.delete(savedProd);

    // try to retrieve the deleted product
    retrieved = dao.findById(3);

    // ensure that the student was not retrieved (should be null)
    assertNull("Product should no longer exist", retrieved);
}
```

After.

Code Blockage (minted)

Before:

```
@Test
public void testDaoSaveAndDelete() {
    // create product for testing
    Product savedProd = new Product(3, "name", "desc", "cat", 1.0, 2.0);

    // save the product using DAO
    dao.saveProduct(savedProd);

    // retrieve the same product via DAO
    Product retrieved = dao.findById(3);

    // delete the product via the DAO
    dao.delete(savedProd);

    // try to retrieve the deleted product
    retrieved = dao.findById(3);

    // ensure that the student was not retrieved (should be null)
    assertNull("Product should no longer exist", retrieved);
}
```

After.