

# *Java FX makeover* for the NetBeans Platform

Hermien Pellissier

Email: [miena.moo@gmail.com](mailto:miena.moo@gmail.com)

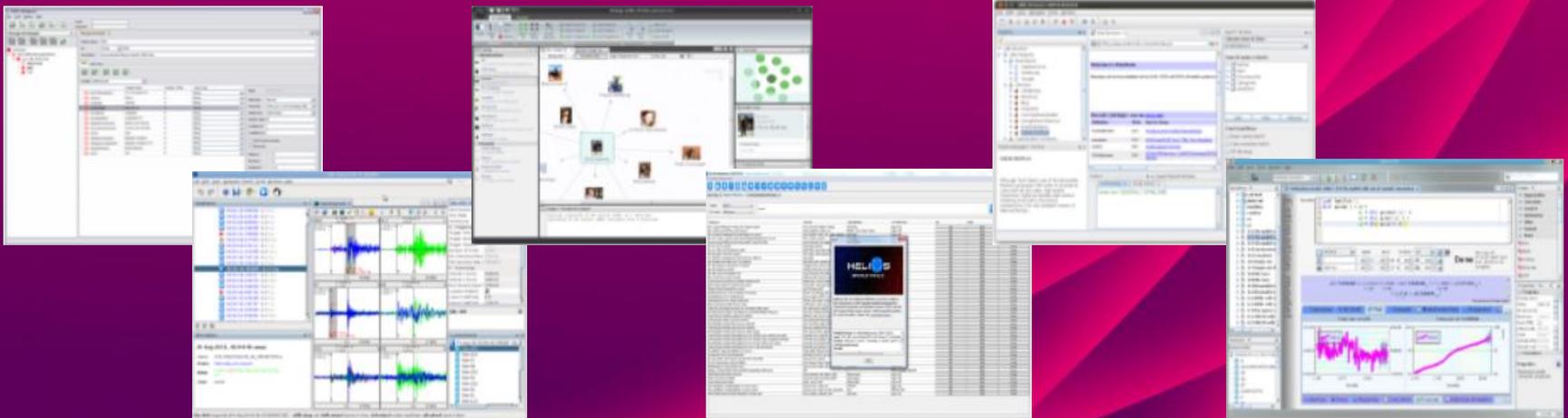
4 June 2016



**NetBeans**  
DREAM TEAM

# NetBeans Rich Client Platform

- What is the NetBeans Platform?
- Showcase with more than 300 screenshots: <https://platform.netbeans.org/screenshots.html>
- 15 of the applications are from South Africa!



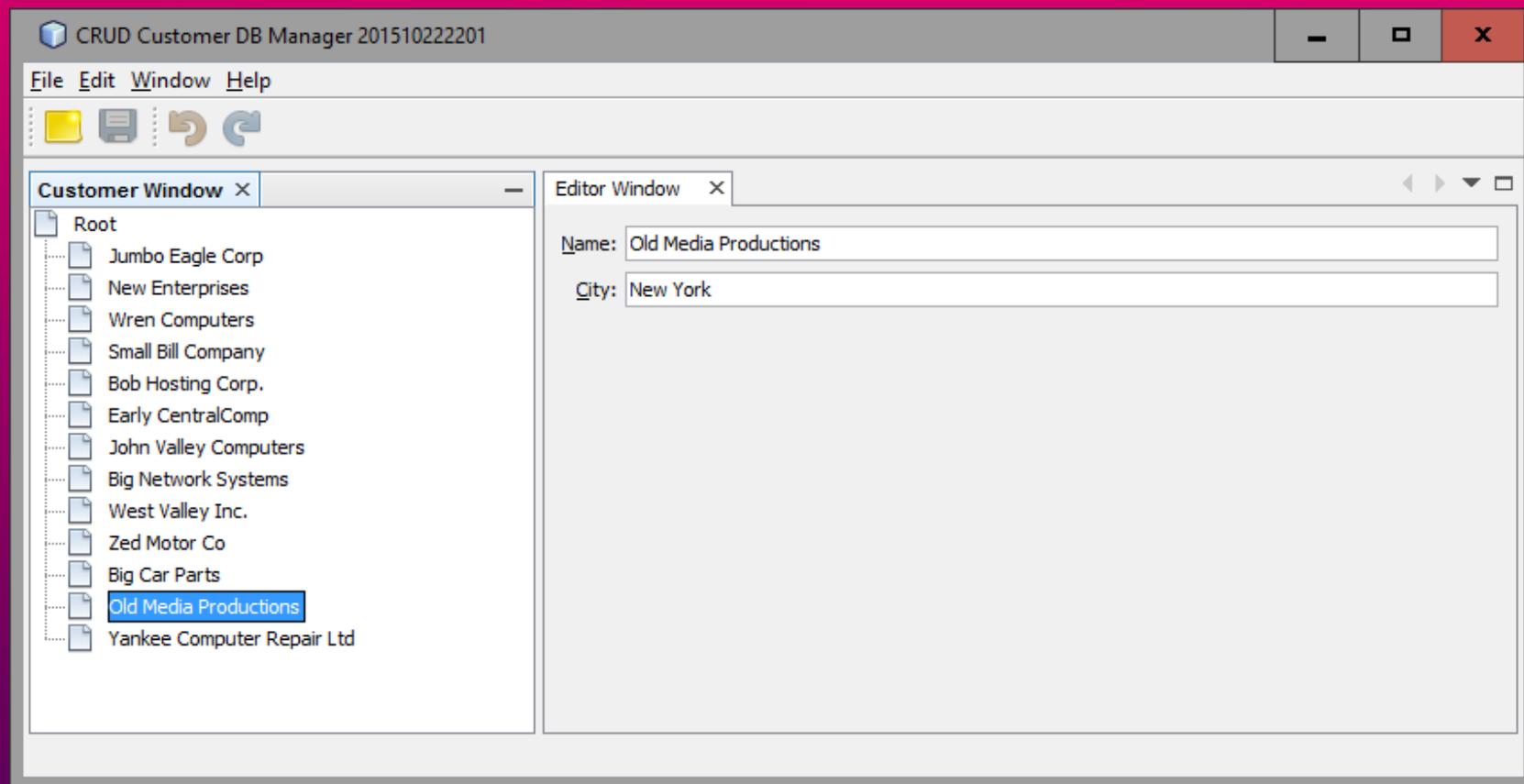
# JavaFX

- JavaFX is a set of graphics and media packages that enables developers to design, create, test, debug, and deploy rich client applications that operate consistently across diverse platforms.\*
- JavaFX 2 integrated into the JRE since 7

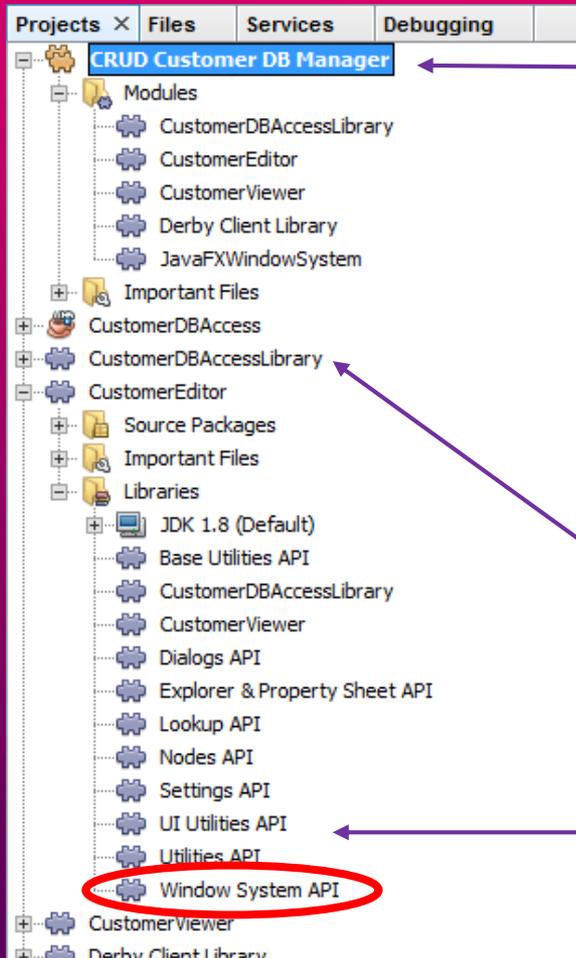
\* Definition from

<http://docs.oracle.com/javafx/2/overview/jfxpub-overview.htm>

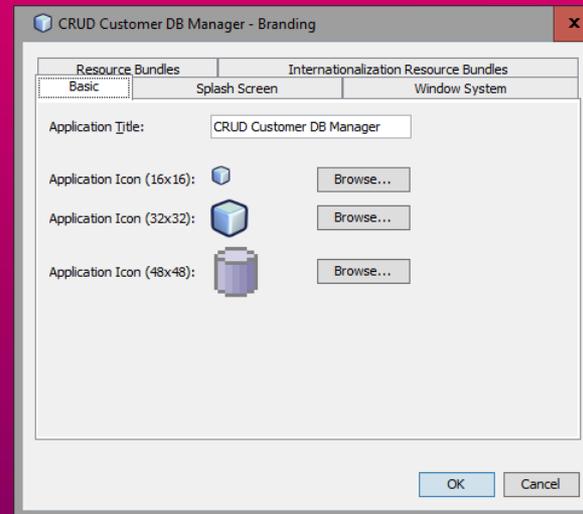
# The Before Photo



# Anatomy of a NetBeans RCP App



Application



Module

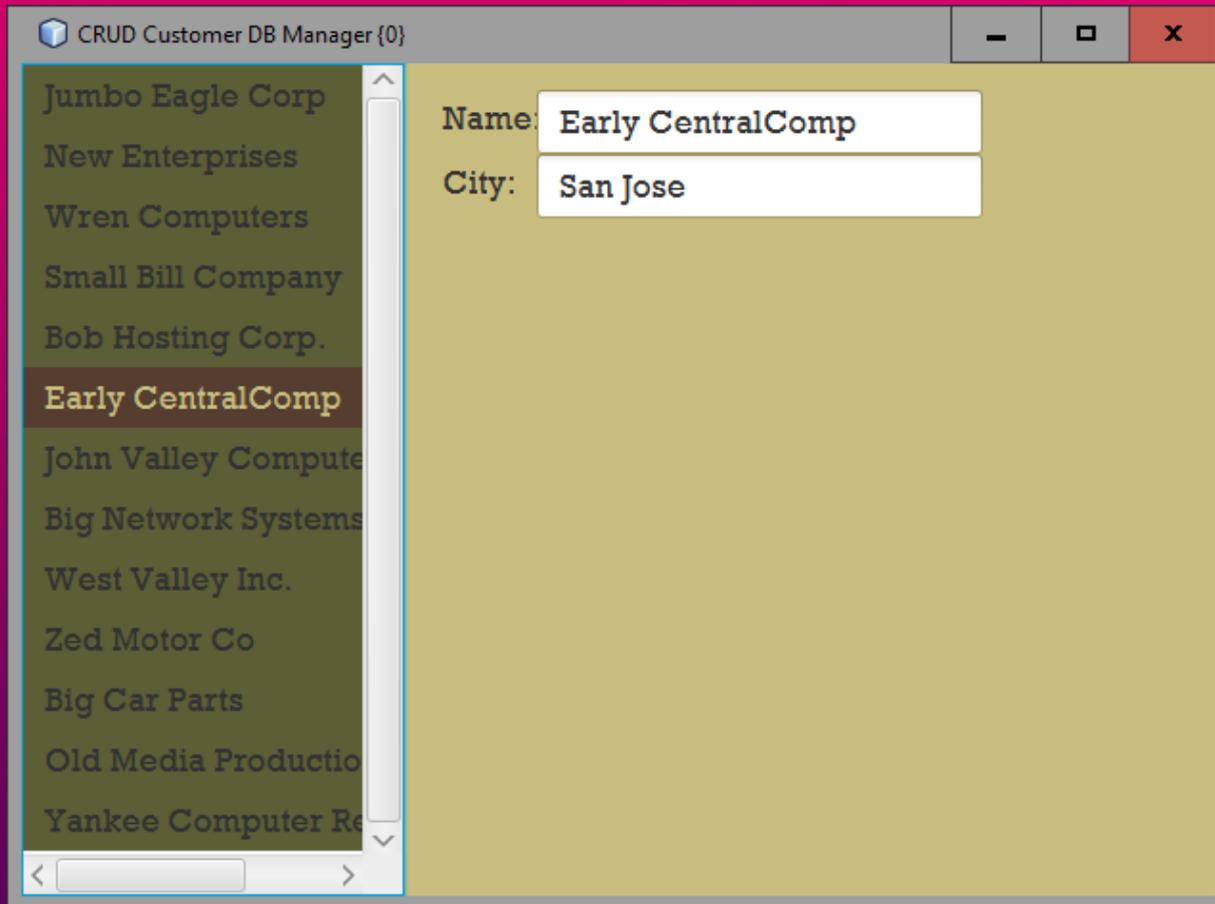
Dependencies

# The Makeover

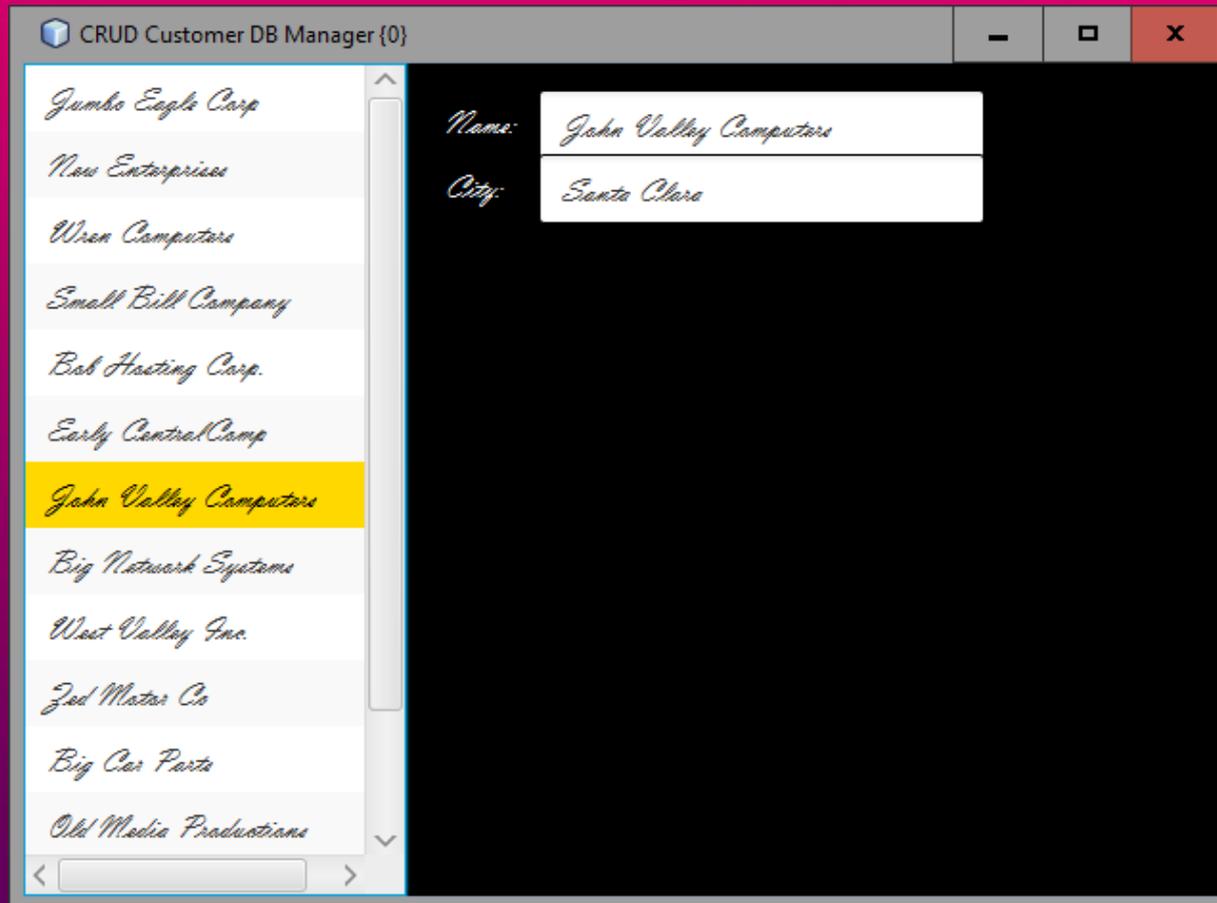
- Replace the WindowManager
- Fix the issues that the replacement causes
- Incorporate the branding
- Build a brand new JavaFX GUI
- Skin the GUI for the big reveal

# The Reveal

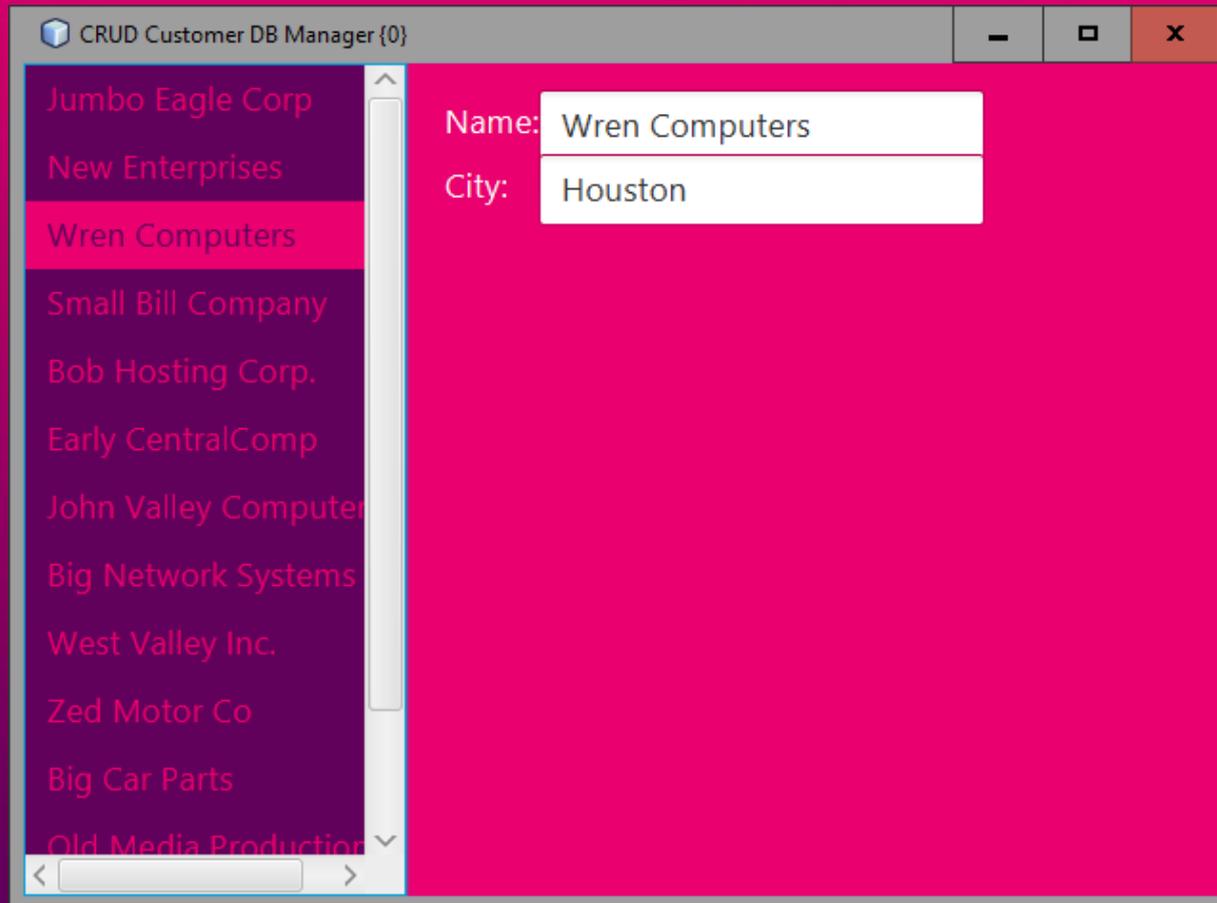
# African Safari



# The Little Black Number



# Unconference Outfit



# Concluding Remarks

- Now we have the power of the NetBeans Platform module system with elegant appearance of a JavaFX GUI.
- Using existing Swing windows?
- What about the menus and toolbars?
- What about nodes?