

FBToolkit
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What

- Replacement for AWT peers that use native toolkits
- Embedded targets: ram costs, volume ram costs lots
- Why have X11, Fontserver, Qt/Gnome for single app?
- Memory saving, 'fast enough' is good enough
- Philosophy: **RI should be pure-Java, optimise later**

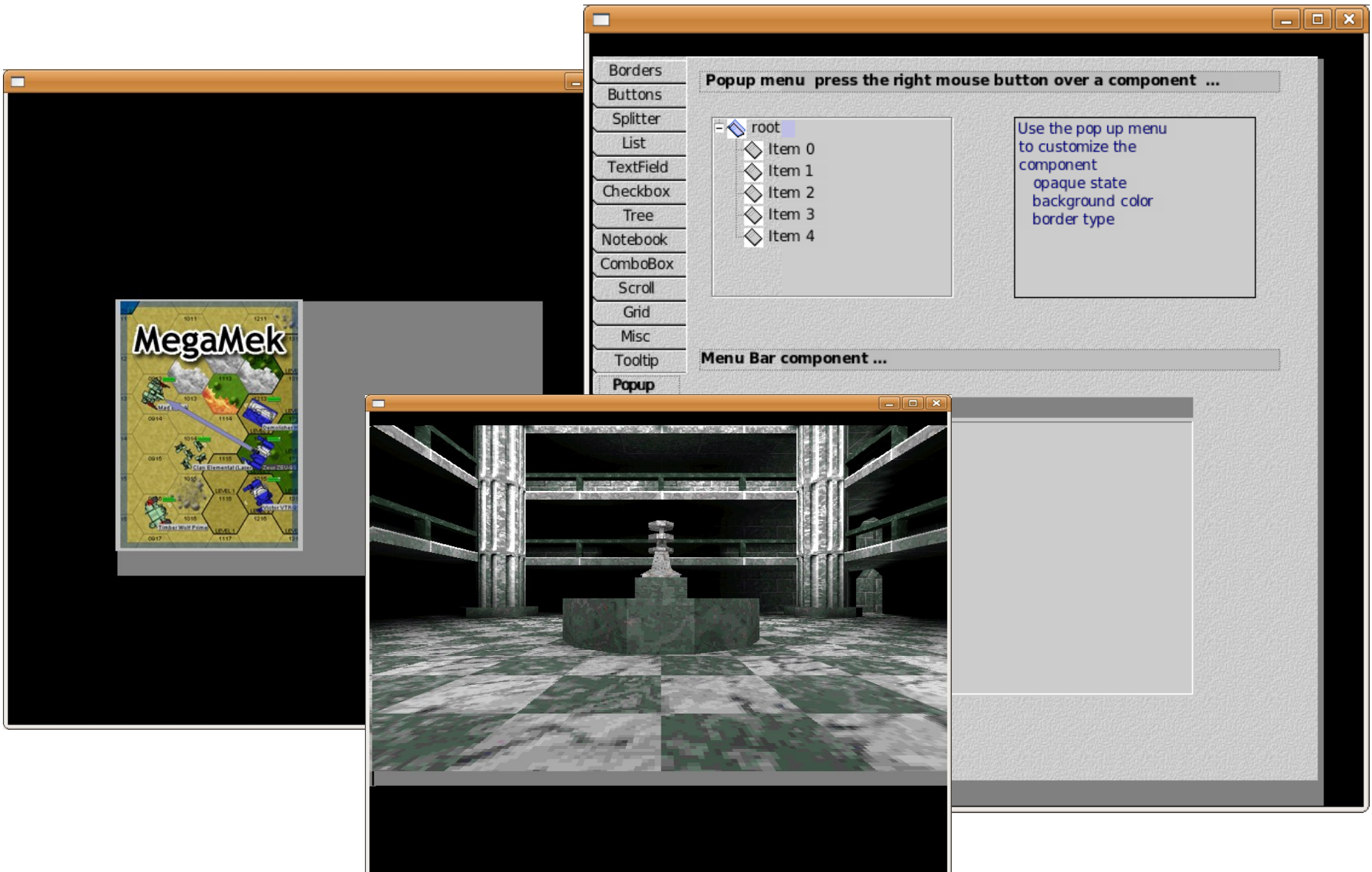
Past

- The AWT toolkit formerly known as Odonata
- Initially for direct linux framebuffer
- Began on Sharp Zaurus 5000D
- Hacked PersonalJava VM to use it

Present

- Renamed to FBToolkit
- Accepted to OpenJDK project umbrella Spring 2007
- Recent improvements in basic usage
- More complex visuals still a little 'raw'

Demos



Future

- For a Lightweight toolkit, Swing uses LOTS of natives
- Run Swing. Run Swing Faster. Run Swing Lighter
- Run Netbeans... in 240x320 – for the hell of it