Tracing options on embedded platforms

Tracing Platform Configuration

When JavaFX starts up on an embedded Linux device, it tries to identify what platform it is running on. You can see what platforms JavaFX checks for and what platform it decides to use by setting the boolean system property `monocle.platform.traceConfig` to `true`. As on desktop platforms, the property `prism.verbose` is also available to provide information on the selected rendering engine.

Property	Type	Description
`monocle.platform.traceConfig`	boolean	Traces embedded JavaFX platform startup
`prism.verbose`	boolean	Traces rendering engine configuration

Tracing Input Events

Getting information about input devices

JavaFX for embedded Linux devices contains a small application for reading input device configuration and the events generated by these devices. This application is included in the JavaFX runtime and is run with:

```
java com.sun.glass.ui.monocle.GetEvent
```

`GetEvent` shows information on all input devices found by JavaFX, including:

- Device input nodes
- Device properties
- Absolute axis ranges
- Product IDs
- Linux events generated by the devices

In most device configurations `GetEvent` must be run as root in order to have permissions to identify and track input devices.

Tracing input events while JavaFX is running

JavaFX for embedded devices provides the following system properties to track input events:

Property	Type	Description
`monocle.input.traceEvents`	boolean	Traces input events
`monocle.input.traceEvents.verbose`	boolean	Has the effect of `monocle.input.traceEvents` and also traces low-level events read and processed by JavaFX. This includes the pipeline of filters used for touch event cleanup.