

Deprecations & Removals

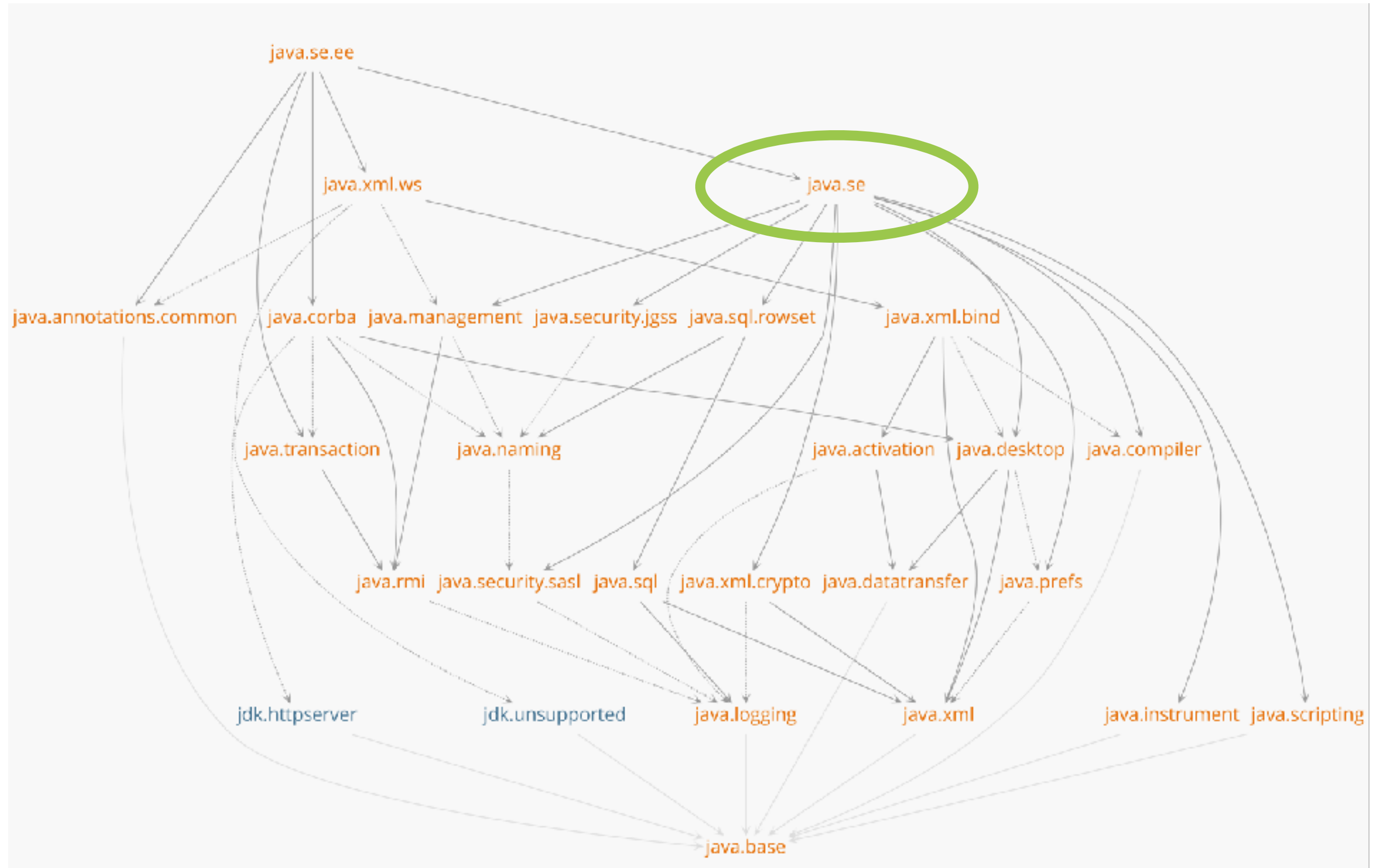


Sander Mak

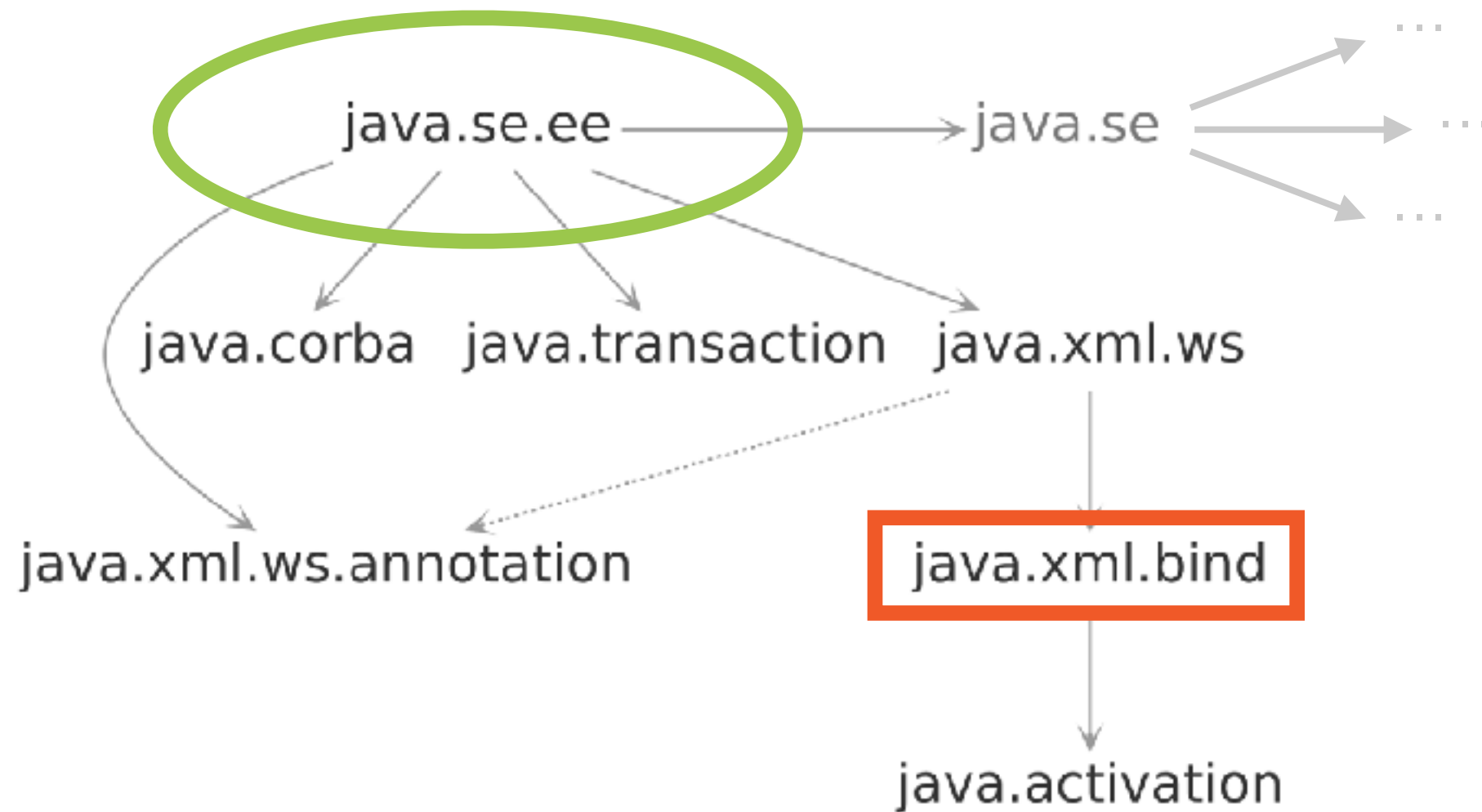
FELLOW & SOFTWARE ARCHITECT

@Sander_Mak

Modularized JDK



Removed Enterprise APIs



JAXB

JAX-WS

JAX-WS Annotations

CORBA

JTA

JavaBeans Activation

Removed Enterprise APIs: Alternatives

java.xml.bind

JAXB

```
<dependency>  
  <groupId>javax.xml.bind</groupId>  
  <artifactId>jaxb-api</artifactId>  
</dependency>
```

```
<dependency>  
  <groupId>com.sun.xml.bind</groupId>  
  <artifactId>jaxb-impl</artifactId>  
</dependency>
```

JEP 320: openjdk.java.net/jeps/320

Removed Methods

Thread

countStackFrames()

~~destroy()~~

resume()

stop()

~~stop(Throwable obj)~~

suspend()

java.lang.System::runFinalizersOnExit

java.lang.Runtime::runFinalizersOnExit

Removed Methods

SecurityManager

checkAwtEventQueueAccess
checkSystemClipboardAccess
checkTopLevelWindow
checkMemberAccess

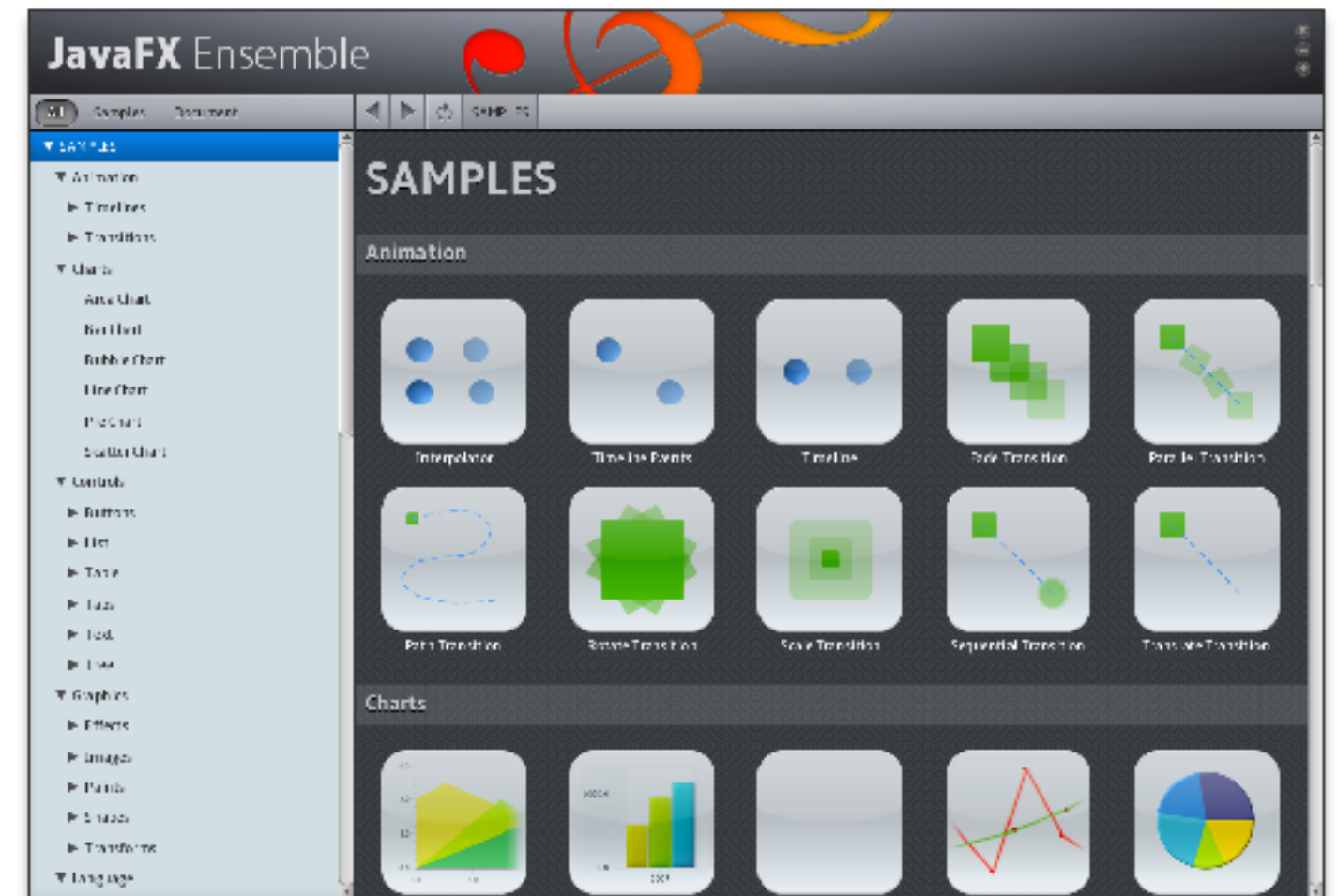
`checkPermission(java.security.Permission)`

JavaFX

Part of Oracle JDK 8, 9 & 10

Java 11: no longer bundled

OpenJFX

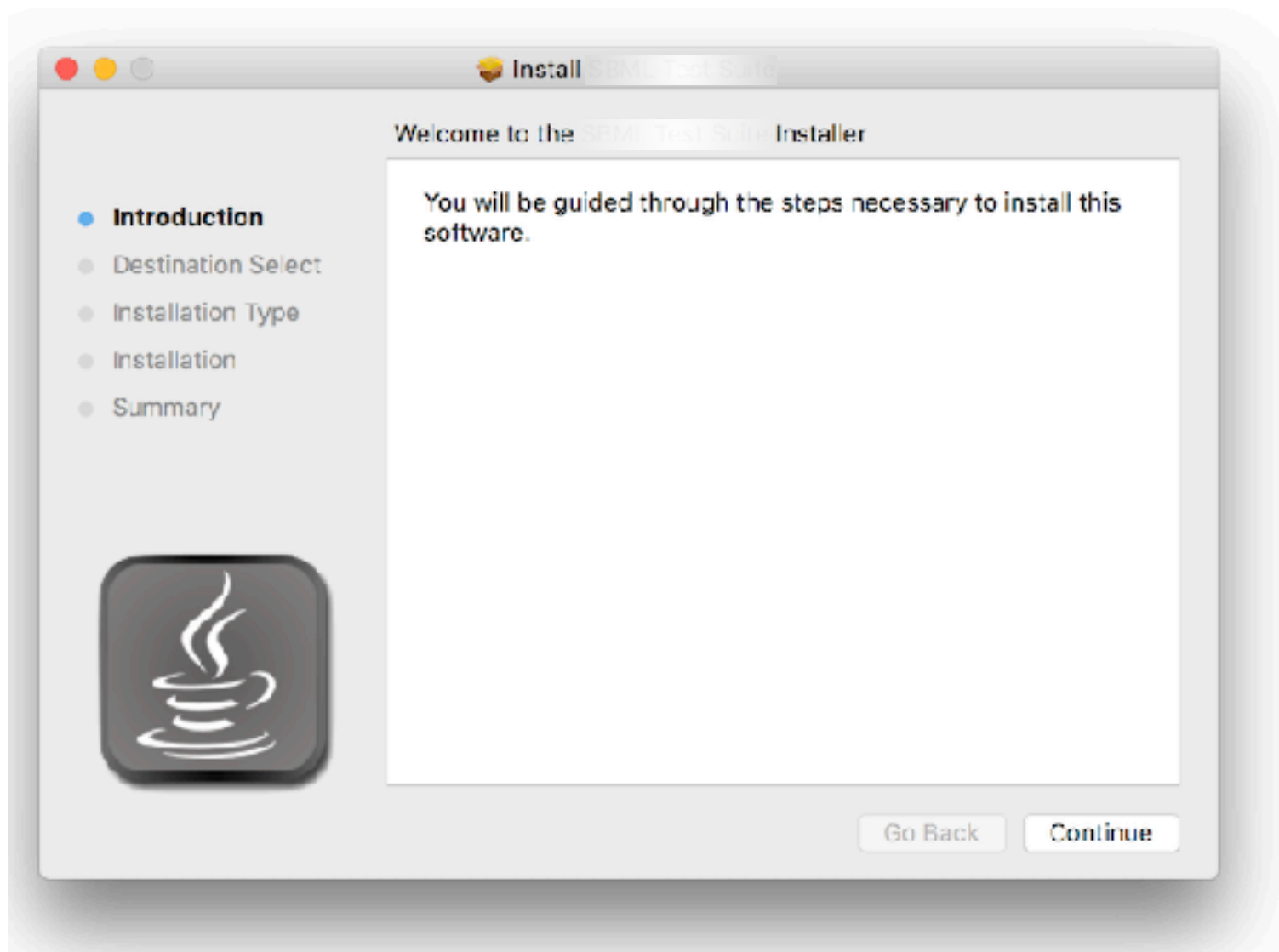


JavaFX on Maven Central

```
<dependency>  
  <groupId>org.openjfx</groupId>  
  <artifactId>javafx</artifactId>  
  <version>11-ea+19</version>  
</dependency>
```

javafx-base, javafx-controls, javafx-media

JavaFX: Javapackager

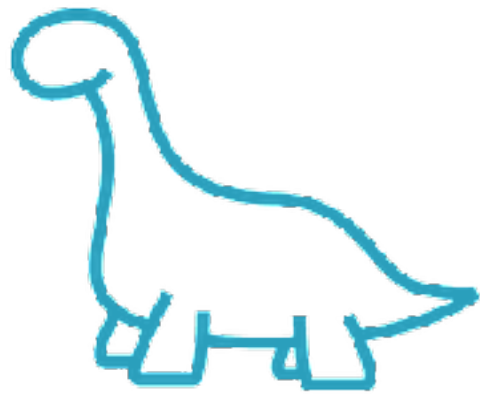


Native (MSI/DMG) installers

Removed in Java 11

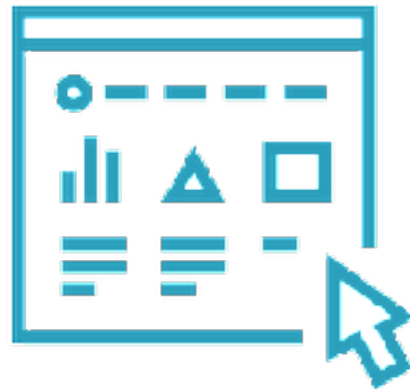
Draft proposal jpackager

Removed & Deprecated Technologies



~~Applets~~

Java 8
Commercial
Support



~~Java Web Start~~

jlink
jpackager?



Nashorn

Graal.js

Project Detroit
(Google V8)

bit.ly/clientroadmap

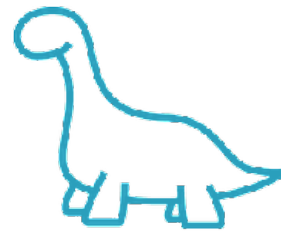
Summary



Removed: Enterprise APIs



JavaFX moved out of JDK



Removed: Applets, Web Start