Modules: Collateral Damage - Class Loader changes

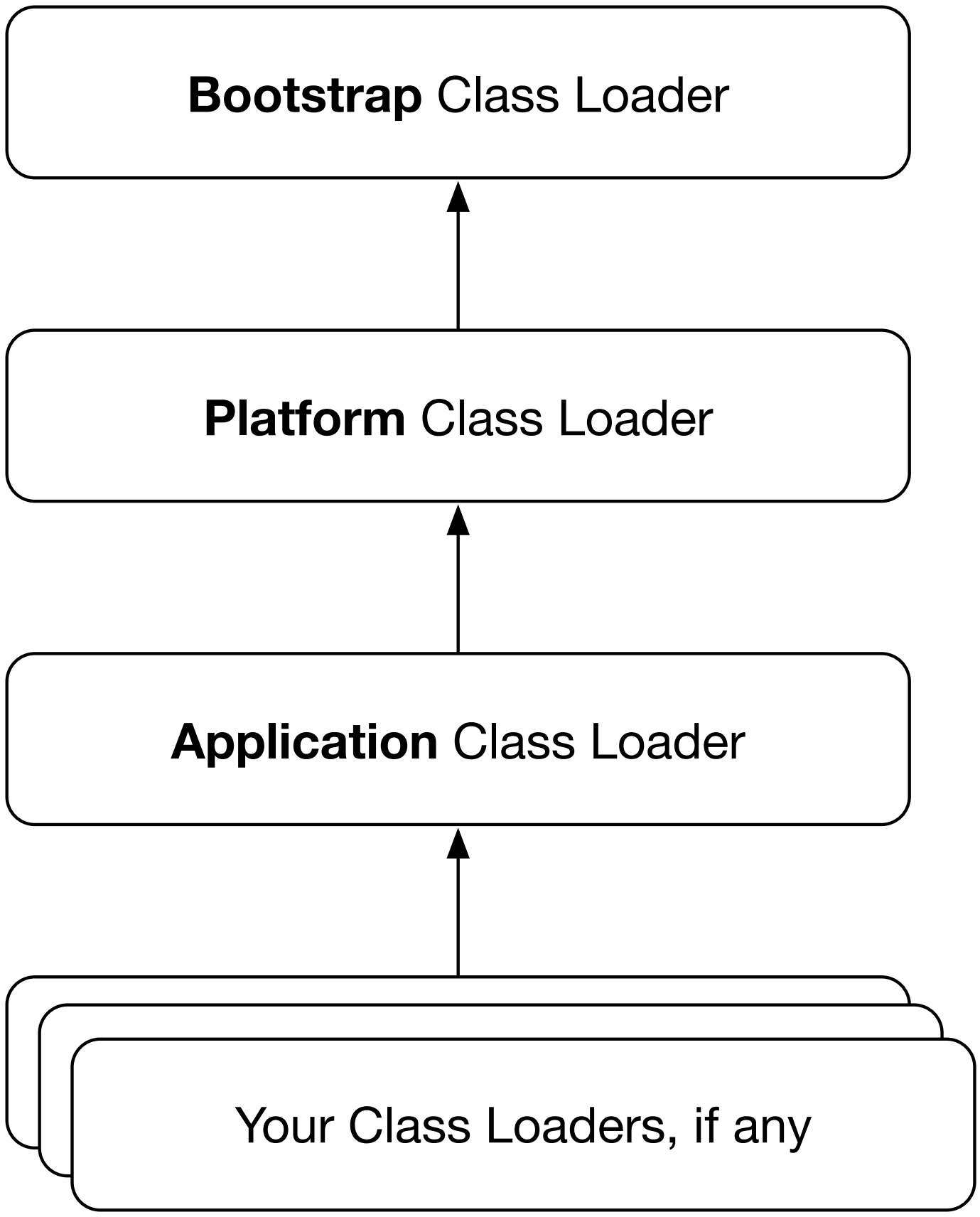**Bootstrap** Class Loader

↑

Platform Class Loader

↑

Application Class Loader

↑

Your Class Loaders, if any

Java 9

`<internal class>`, loads jdk tooling modules, and from the modulepath & classpath

`<internal class>`, loads "de-privileged" java stdlib modules

`null`, loads privileged java stdlib modules, and from the boot classpath (`-Xbootclasspath/a:...`)
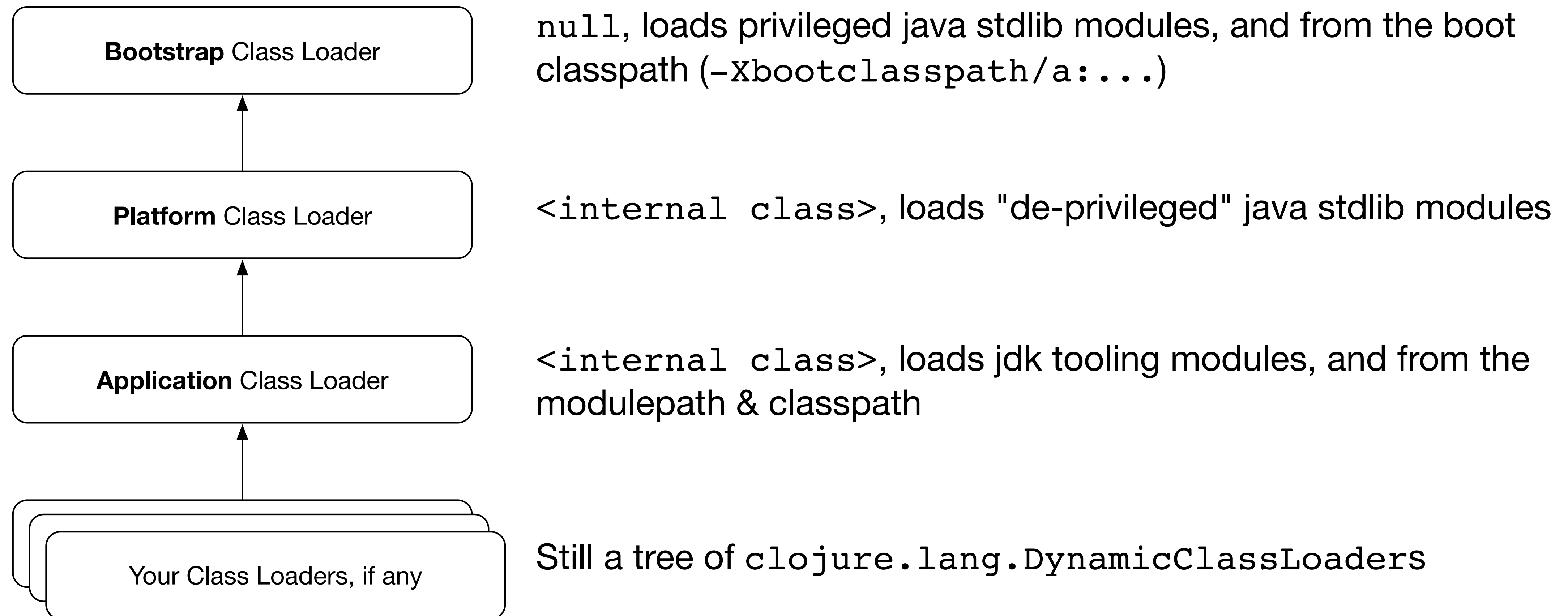
Still a tree of `clojure.lang.DynamicClassLoaders`

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Java 9

Bootstrap Class Loader

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Application Class Loader

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Your Class Loaders, if any

Still a tree of `clojure.lang.DynamicClassLoaders`

Modules: Collateral Damage - Class Loader changes

- Why do we care?

  - Top-level Class Loaders no longer readable/modifiable

  - Affected Clojure libs

    - `java.classpath`

    - `dynapath`

      - `pomegranate`

      - `cider`, etc