# Modules: Collateral Damage - Class Loader changes

**Bootstrap** Class Loader

↑

**Extension** Class Loader

↑

**Application** Class Loader

↑

Your Class Loaders, if any

Java < 9

`URLClassLoader`, loads from the classpath

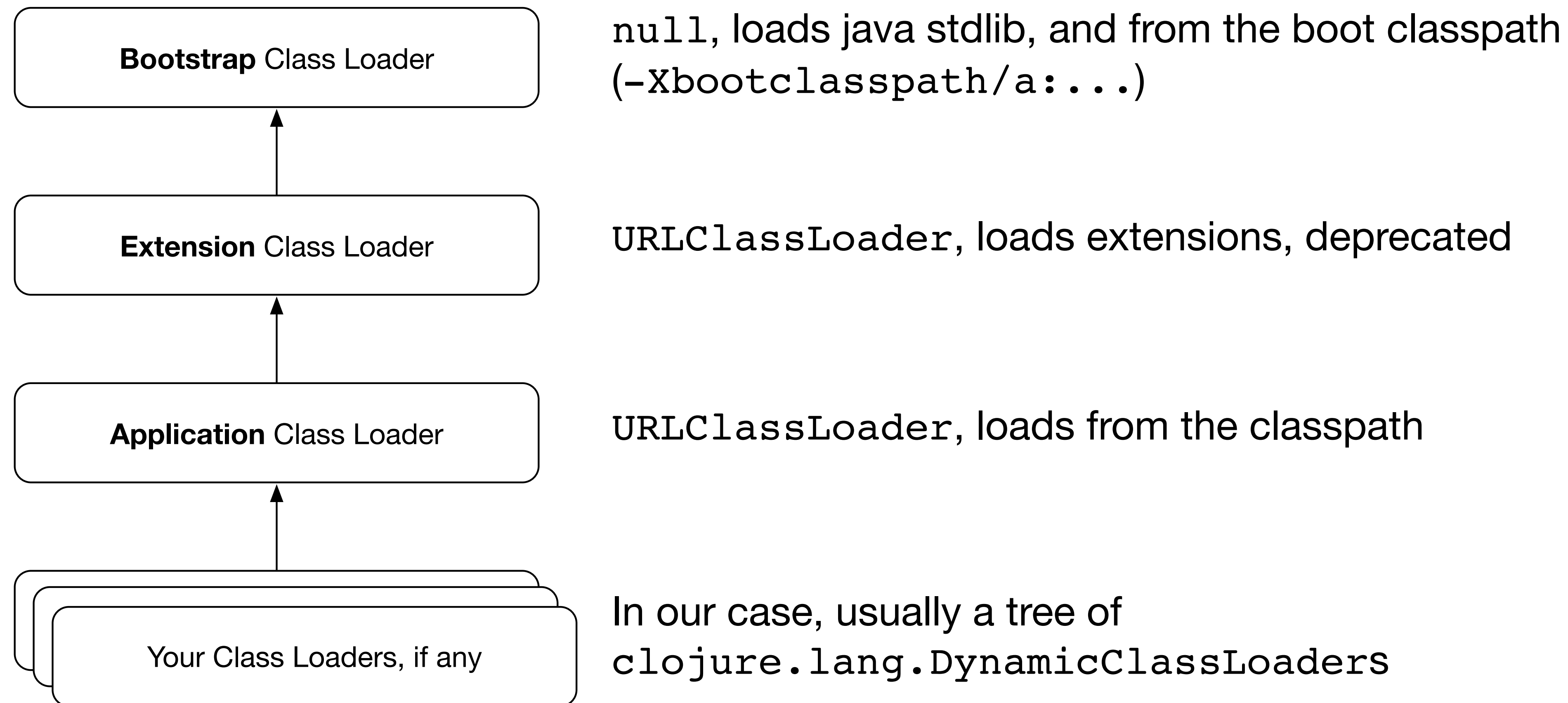`URLClassLoader`, loads extensions, deprecated

`null`, loads java stdlib, and from the boot classpath (`-Xbootclasspath/a:...`)

In our case, usually a tree of `clojure.lang.DynamicClassLoaderS`

# Modules: Collateral Damage - Class Loader changes

## Java < 9

```
Bootstrap Class Loader
```
`null`, loads java stdlib, and from the boot classpath (`-Xbootclasspath/a:...`)

```
Extension Class Loader
```
`URLClassLoader`, loads extensions, deprecated

```
Application Class Loader
```
`URLClassLoader`, loads from the classpath

```
Your Class Loaders, if any
```
In our case, usually a tree of `clojure.lang.DynamicClassLoaders`

# Modules: Collateral Damage - Class Loader changes

Java 9