Tools and Environment
Developing with macOS: tweaking the Book Shelf build process

The copy of the Book Shelf code we received included bootstrapping batch scripts written expressly for a Windows development environment. Also, some of the project configuration files contained hardcoded Windows filesystem paths.

```
1  @echo off
2
3  rem set defaults
4  set DEBUG_OPTS=
5  set SUSPEND=n
6  set DEBUG_PORT=8000
7
8  rem loop through the sta
9  :startOptionLoop
10     if "%~1"=="" goto en
```

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We wrote a script in bash to kick everything off. Maven settings were adjusted in Eclipse as well.

Further improvements would be to use environment variables in both the Windows batch and macOS bash scripts to avoid hardcoding filesystem paths.

```bash
1 #!/usr/bin/env bash
2
3 unset CDPATH
4
5 declare rootDir
6 rootDir=$(basename "${PWD
7
8 function startMongo() {
9     if lsof -i :27018
10    then
11
```