

# Development Tools and Environment



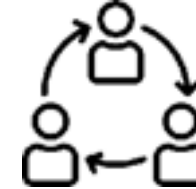
Front-End



Back-End



Database



Collaboration



JavaScript



SAP Jam



Maven™

# 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 end
```