

# Java Developer's Guide to Plugin Development in dotCMS (pt.1)

Oscar Arrieta and Mauricio Rizo





# Agenda

Static Plugins and concepts.

Directory Layout.

Eclipse Dev. Env. setup.

Examples: Properties, Viewtool  
and Servlet.

Bonus: New Gradle Layout.



# Static Plugins



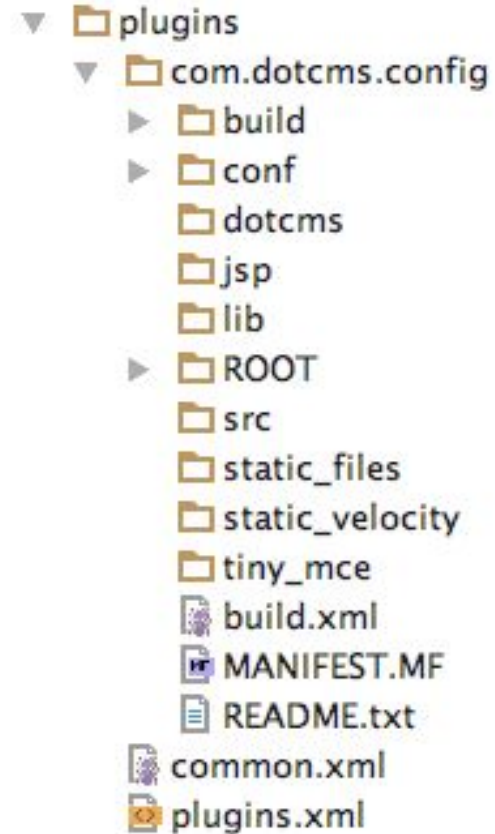
# Static Plugins and Concepts

- This is the first way of extending dotCMS.
- A static plug-in is deployed when the server is off.
- Allow you to change the dotCMS config, you can add and even replace files that exist in any directory of the dotCMS installation.
- Disadvantages.
- Examples: Properties, ViewTools, Actionlets, Portlets, Hooks.



# Directory Layout.

dotCMS Config Plugin



# Eclipse Dev Environment setup

Examples



# New Gradle Layout



# Java Developer's Guide to Plugin Development in dotCMS (pt.2)





# Dynamic Plugins (OSGi)



# Design a Dynamic Plugin

- DotCMS' OSGi easy to use
- Plugin project structure
  - Gradle
  - Manifest
  - Activator class
  - Samples
- APILocator and CacheLocator



Q&A



Thank you!

