

OSGi Bundle Manager Maven Plugin

Hack Day, October 2012

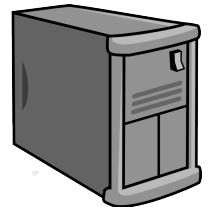


Wtf?!

Ok. Let's break it down.....

Basically...

*I wrote something that installs an application
(specifically, an OSGi bundle)
into a server application
(specifically, a really cool kind that we use)
using the build tool we use (maven)*



Demo Time!

*btw, we appear to be moving to OSGi all over this
company...*



Demo



so
what?!

Ok. Let's break it down.....

Hasn't anyone written this?

What about the Sling plugin?

What about the GoGo Shell?

What about Felix File Install, OBR, why Maven?

*Not that I know of
That requires the Sling and a JCR data store. Mobile doesn't need that. WCM integrations don't need that. Search doesn't need that. Site Optimizer doesn't need that....*

Sure, if don't like automating things and would rather risk mistakes

*Pay Attention.
Remember, we use Maven to automate our builds here
Plus: we have arbitrary control with this plugin*

API

```
<plugin>
  <groupId>com.kenshih.osgi</groupId>
  <artifactId>bundlemgr-maven-plugin</artifactId>
  <version>1.0-SNAPSHOT</version>
  <configuration>
    <bundlepath>${path-to-bundle}</bundlepath>
    <actions>${ install-only | install-and-start | dont-overwrite |
upload-wait-for-approval-and-for-the-coffee-machine-to-finish-then-wait-20-mins
    }</actions>
    <username>${username}</username>
    <password>${password}</password>
    <server>${environment}</server>
  </configuration>
</plugin>
```

Summary

we're using OSGi all over

this is a simple solution *

it automates in a build process we already use

it doesn't depend on anything else *

* a LOT more to say about this

Postscript...

As a big company, we leverage the ability to RENT / BUY / BUILD software, in that order or as it works strategically for us

Why not add to that: GIVE / GET for **FREE**?

Why not open development in the community on a project like this? That is, there's nothing proprietary about it, it's not exactly innovation, yet there's a lot to gain *

We are **the** Lifestyle company, after all. Why not enter into social coding...

On GitHub:

<https://github.com/kenshih/bundlemgr-maven-plugin.git>