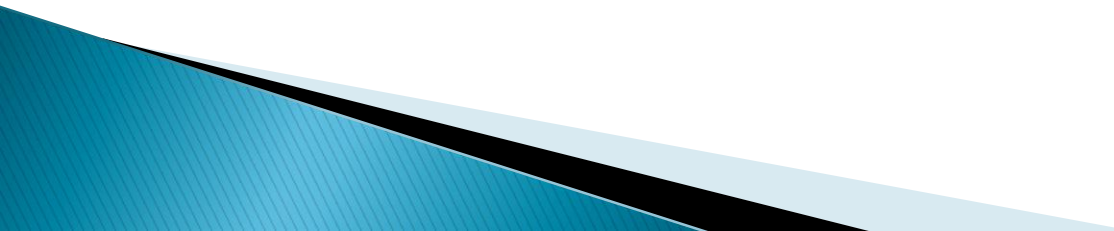


# CAMP Requirements & Templates

A Proposal for CAMP-4  
May 23<sup>rd</sup>, 2013

# Problems

- ▶ Represent application components and requirements
  - ▶ Correct level of abstraction
  - ▶ Support auto-wiring
- 

# Constraints

- ▶ Allow CAMP implementations to model application in a manner appropriate to the underlying platform

# DP

name: VitaMinder

specifications:

-

name: VitaMinder WAR

type: com.example.java:WAR

content: {href: VitaMinder.war}

requirements:

-

name: Servlet Container Requirement

targetCap: com.java:ServletContainer

javaVersion: 1.6

servletVersion: 3.0

# Resource Model

```
type: assemblyTemplate  
name: VitaMinder
```

```
type: applicationComponentTemplate  
name: VitaMinder WAR
```

```
type: platformComponentRequirement  
name: Servlet Container Requirement  
targetCap: com.java:ServletContainer  
javaVersion: 1.6  
servletVersion: 3.0
```

```
type: platformComponentTemplate  
name: Tomcat Shared Instance  
capabilities: [  
  com.java:ServletContainer,  
  com.apache:Tomcat 7  
]  
javaVersion: 1.6  
servletVersion: 3.0
```