



"The new enterprise industrial evolution."

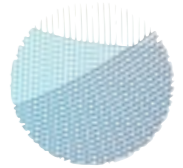


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Developer at Luminis Technologies
Amdatu.org

Regular conference speaker
Background in training




A core framework

for rapid-application development

in a standards-based environment.

Incremental project enhancement

for Java EE, and more



How do you create
a JAVA EE
application?

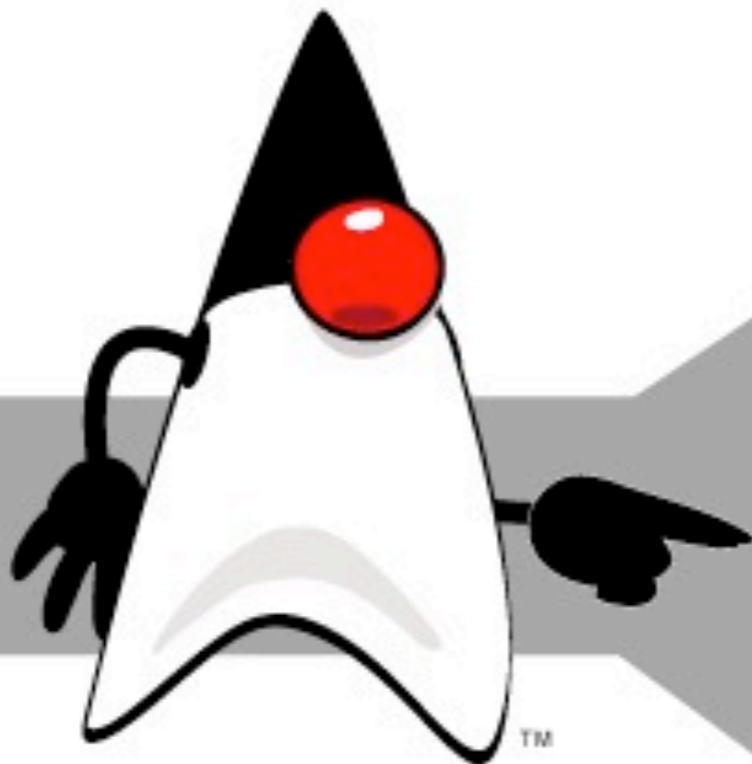
Create project

Add libraries

Add configuration files (e.g. web.xml)

sounds do-able

Just copy paste from
another project...



IDE wizards



Maven

But what about...

Arquillian
integration


Checkstyle,
findbugs, PMD...

Provider specific
JPA integration

Framework
configuration (e.g.
Seam Faces)


Copy paste doesn't really work any more...





What about
Maven archetypes?

- It's a one-shot deal
- Either too much, or too little
- Never "just right"




We need
something
incremental that
understands our
project



Demo

Creating a Java EE application



Writing plugins

- Every command in Forge is in a plugin
- Easy to write your own plugins
- Rich APIs to work with your project



Forge architecture

Plugins


Facets

Shell

Forge Runtime

Weld SE

JBoss Modules



Plugins and Facets

- A plugin adds commands to Forge
- A facet is a project capability available through an API

Important Facets

DependencyFacet

Add dependencies
Resolve versions

JavaSourceFacet

Create new Java classes
Get source folders
Get default package

WebResourceFacet

Get and create web
resources


MavenCoreFacet

Get / set POM file
Execute Maven
commands



Demo

Creating a plugin



Is Forge only Java EE?

- No!
- Forge is for any kind of Maven project
- There are plugins for OSGI, Code Quality, JRebel, Hibernate etc.



<https://jboss.org/forge>





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