

Мавенизация

Нужно ли это и насколько просто и удобно

ПЛЮСЫ

- Гарантированная сборка с предсказуемым и повторяющимся результатом.
- Легкое управление зависимостями.
- Охватывает и покрывает все аспекты разработки.
- Полный источник знаний о проекте.

Плюсы для Flex

- Maven подталкивает к правильной структуре проекта — разбиение на модули, что в случае убогого компилятора единственный выход.
- Joa Ebert: “We are working on a project with ~140 modules, ~4000 AS3 classes and ~1300 embedded PNG files. Development is only possible with IntelliJ IDEA for us. We tried several Eclipse solutions”.

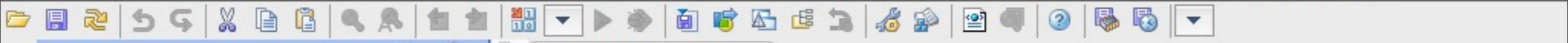
Минусы

- Сборка гарантирована, только если доступны все артефакты.
- Необходимость иметь Repository Manager.
- Некоторые высокоуровневые концепции малопригодны в реальной жизни.

Mavenize it!

- Публикация всех требуемых артефактов.
- Написание POM.
- Генерация flex-config для компиляции в IDE (временное решение, IDEA-53501).

...and just works



Project /Users/develar/workspace...

View as: Project

- tinytlf [tinytlfAggregator] (/Users/develar/work)
 - build
 - libs
 - test
 - tinytlf-components [components]
 - tinytlf-core [core]
 - tinytlf-decorations [decorations]
 - tinytlf-fte-utils [fte-utils]
 - tinytlf-gestures [gestures]
 - tinytlf-layouts [layouts]
 - tinytlf-xhtml [xhtml]
 - .gitignore
 - .gitmodules
 - add_to_build_later.txt
 - build-old.xml
 - build.properties
 - build.xml
 - CHANGELOG.textile
 - CONTRIBUTORS.textile
 - LICENSE
 - pom.xml**
 - README.textile
 - tinytlfAggregator.iml
 - tinytlfAggregator.ipr
 - tinytlfAggregator.iws
 - External Libraries

```

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/X
  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>org.flyti</groupId>
    <artifactId>flash-forge</artifactId>
    <version>21</version>
  </parent>

  <groupId>org.tinytlf</groupId>
  <artifactId>tinytlfAggregator</artifactId>
  <version>1.0.1</version>
  <packaging>pom</packaging>

  <modules>
    <module>tinytlf-core</module>
    <module>tinytlf-components</module>
    <module>tinytlf-fte-utils</module>
    <module>tinytlf-gestures</module>
    <module>tinytlf-layouts</module>
    <module>tinytlf-xhtml</module>
    <module>tinytlf-decorations</module>
  </modules>

  <developers...>
  <licenses...>

  <dependencies>
    <dependency>
      <groupId>com.adobe.flex.framework</groupId>
      <artifactId>playerglobal</artifactId>
      <type>swc</type>
      <scope>provided</scope>
    </dependency>
  </dependencies>

  <build>
    <sourceDirectory>src</sourceDirectory>
  </build>

```

tinytlf

Back View

Name
add_to_build_later.txt
build
build-old.xml
build.properties
build.xml
CHANGELOG.textile
CONTRIBUTORS.textile
libs
LICENSE
pom.xml
README.textile
test
tinytlf-components
tinytlf-core
tinytlf-decorations
tinytlf-fte-utils
tinytlf-gestures
tinytlf-layouts
tinytlf-xhtml
tinytlfAggregator.iml
tinytlfAggregator.ipr
tinytlfAggregator.iws

743,21 GB available

Project /Users/develar/workspace...

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 - tinytlf-fte-utils [fte-utils]
 - tinytlf-gestures [gestures]
 - tinytlf-layouts [layouts]
 - tinytlf-xhtml [xhtml]
 - src
 - org.tinytlf
 - interaction
 - layout
 - styles
 - util

Structure

- pom.xml
- xhtml.iml
- .gitignore
- .gitmodules
- add_to_build_later.txt
- build-old.xml
- build.properties
- build.xml
- CHANGELOG.textile
- CONTRIBUTORS.textile
- LICENSE
- pom.xml
- README.textile
- tinvtlfAaareagator.iml

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
<modelVersion>4.0.0</modelVersion>

<parent>
  <groupId>org.tinytlf</groupId>
  <artifactId>tinytlfAggregator</artifactId>
  <version>1.0.1</version>
</parent>

<artifactId>xhtml</artifactId>
<packaging>swc</packaging>

<dependencies>
  <dependency>
    <groupId>org.tinytlf</groupId>
    <artifactId>layouts</artifactId>
    <version>1.0.1</version>
    <type>swc</type>
  </dependency>
  <dependency>
    <groupId>org.tinytlf</groupId>
    <artifactId>gestures</artifactId>
    <version>1.0.1</version>
    <type>swc</type>
  </dependency>
  <dependency>
    <groupId>com.adobe.flex.framework</groupId>
    <artifactId>framework</artifactId>
    <type>swc</type>
  </dependency>
  <dependency>
    <groupId>com.flashartofwar</groupId>
    <artifactId>fcss</artifactId>
    <version>1.1.0</version>
    <type>swc</type>
  </dependency>
</dependencies>
</project>
```

tinytlf

Back View

Name
README.textile
test
tinytlf-components
tinytlf-core
tinytlf-decorations
tinytlf-fte-utils
tinytlf-gestures
tinytlf-layouts
tinytlf-xhtml
pom.xml
src
org
target
classes
surefire-reports
xhtml-1.0.1-configs.xml
xhtml-1.0.1-sources.jar
xhtml-1.0.1.swc
xhtml.iml
tinytlfAggregator.iml
tinytlfAggregator.ipr
tinytlfAggregator.iws

workspace > tinytlf

32 items, 743,21 GB available

Project Structure

Project Settings

- Project
- Modules**
- Libraries
- Facets
- Artifacts

Platform Settings

- SDKs
- Global Libraries

components

- core
 - Flex**
 - decorations
 - fte-utils
 - gestures
 - layouts
 - tinytlfAggregator
 - xhtml

Facet 'Flex'

Name: Flex

Flex SDK (common for all facets of the module): compiler-4.5.0.18365.pom Configure SDK

Use IDE builder

Basic **Advanced**

Output type: Application (*.swf) Library (*.swc)

Use default SDK compiler configuration file: (not applicable for Flexmojos SDK)

Use custom compiler configuration file:

Custom compiler configuration file for tests:

Main class:

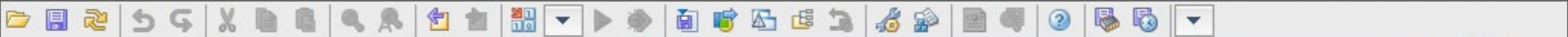
Output file name:

Use facet compile output path

Output path:

Test output path:

Additional compiler options:



Project /Users/develar/...

View as: Project

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 - test
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 - tinytlf-core [core]
 - src
 - org.tinytlf
 - analytics
 - decor
 - interaction
 - EventLineInfo
 - ITextInteractor
 - TextInteractorBa

EventLine

```

package
{
    import
    public
    {

```

Maven Projects

- tinytlfAggregator
 - Lifecycle
 - Plugins
 - flexmojos (org.sonatype.flexmojos:flexmojos-maven-plugin:4.0-de3)
 - flexmojos:asdoc
 - flexmojos:asdoc-report
 - flexmojos:cc
 - flexmojos:cc-swc
 - flexmojos:compile-swc
 - flexmojos:compile-swf
 - flexmojos:configurator**
 - flexmojos:copy-flex-resources
 - flexmojos:coverage-report
 - flexmojos:create-rsl
 - flexmojos:dita-asdoc

Run tinytlfAggregator [org.sonatype.flexmojos:flexmojos-maven-plugin:4.0-de3:configurator]

```

[INFO] Reactor Summary:
[INFO]
[INFO] tinytlfAggregator ..... SUCCESS [0.685s]
[INFO] fte-utils ..... SUCCESS [0.036s]
[INFO] core ..... SUCCESS [0.027s]
[INFO] layouts ..... SUCCESS [0.061s]
[INFO] gestures ..... SUCCESS [0.027s]
[INFO] xhtml ..... SUCCESS [0.056s]
[INFO] decorations ..... SUCCESS [0.038s]
[INFO] components ..... SUCCESS [0.034s]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.455s
[INFO] Finished at: Tue Feb 01 23:09:52 MSK 2011
[INFO] Final Memory: 12M/81M
[INFO] -----

```

4: Run 6: TODO Version Control 9: Changes

ССЫЛКИ

- yzh44yzh's blog — yzh44yzh.com/flog
- Apache Maven — maven.apache.org
- FlexMojos — flexmojos.sonatype.org