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<基于azkaban的ETL调度系统>

azkaban设计说明

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## 文档控制

**更改记录**

4

| 日期 | 作者 | 版本 | 更改参考 |
| --- | --- | --- | --- |
|  |  |  |  |
| 2016.11.30 | 杨雅正 | 1.0.0 | ETL项目发布到maven仓库步骤 |
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## common部分（核心）

对于不需要发布到中台标准组件maven库的情况，这一部分可以不用配置，直接跳到“发布时剔除HAP jar包”。

### 结果通知

azkaban系统结果通知接口:

|  |
| --- |
| azkaban.alert. Alerter  方法：  void alertOnSuccess(ExecutableFlow exflow) throws Exception;  void alertOnError(ExecutableFlow exflow, String ... extraReasons) throws Exception;  void alertOnFirstError(ExecutableFlow exflow) throws Exception;  void alertOnSla(SlaOption slaOption, String slaMessage) throws Exception; |

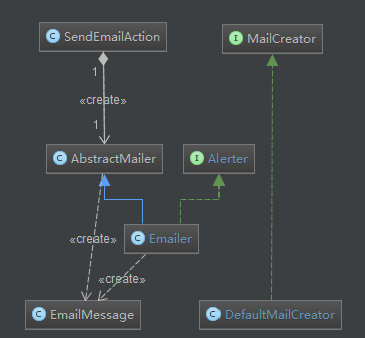
说明：

结果通知通过Alerter规范通知的方法，包含：任务流执行成功通知、任务流执行错误通知、任务流首次错误通知、邮件通知。

默认实现（邮件通知方式）：

Emailer，这个是通过邮件进行消息通知的实现(此类继承AbstractMailer)

### 邮件通知方式



在项目根目录下的pom.xml文件中设置.

替换掉distributionManagement内容:

|  |
| --- |
| <distributionManagement>  <!-- Altered by Allen.Liu on 2016/11/18 for Hmtc Repositories -->  <!--  <repository>  <id>releases</id>  <url>http://nexus.saas.hand-china.com/content/repositories/rdc</url>  </repository>    <snapshotRepository>  <id>snapshots</id>  <name>Internal Snapshots</name>  <url>http://nexus.saas.hand-china.com/content/repositories/rdcsnapshot</url>  </snapshotRepository>  -->  <repository>  <id>hmtc-releases</id>  <name>Hmtc Releases</name>  <url>http://nexus.saas.hand-china.com/content/repositories/hmtc-releases</url>  </repository>    <snapshotRepository>  <id>hmtc-snapshots</id>  <name>Hmtc Snapshots</name>  <url>http://nexus.saas.hand-china.com/content/repositories/hmtc-snapshots</url>  </snapshotRepository>  <!-- The End -->  </distributionManagement> |

repositories标签下添加依赖：

|  |
| --- |
| <!-- Added by Allen.Liu on 2016/11/18 for Hmtc Repositories -->  <repository>  <id>hmtc-releases</id>  <name>Hmtc Releases</name>  <url>http://nexus.saas.hand-china.com/content/repositories/hmtc-releases</url>  </repository>  <repository>  <id>hmtc-snapshots</id>  <name>Hmtc Snapshots</name>  <url>http://nexus.saas.hand-china.com/content/repositories/hmtc-snapshots</url>  </repository>  <!-- The End --> |

pluginRepositories标签下添加如下依赖：

|  |
| --- |
| <!-- Added by Allen.Liu on 2016/11/18 for Hmtc Repositories -->  <pluginRepository>  <id>hmtc-releases</id>  <name>Hmtc Releases</name>  <url>http://nexus.saas.hand-china.com/content/repositories/hmtc-releases</url>  </pluginRepository>  <pluginRepository>  <id>hmtc-snapshots</id>  <name>Hmtc Snapshots</name>  <url>http://nexus.saas.hand-china.com/content/repositories/hmtc-snapshots</url>  </pluginRepository>  <!-- The End --> |

## 概述

Azkaban中涉及到的大部分功能模块之间都通过接口进行有效解耦，支持后续的扩展。

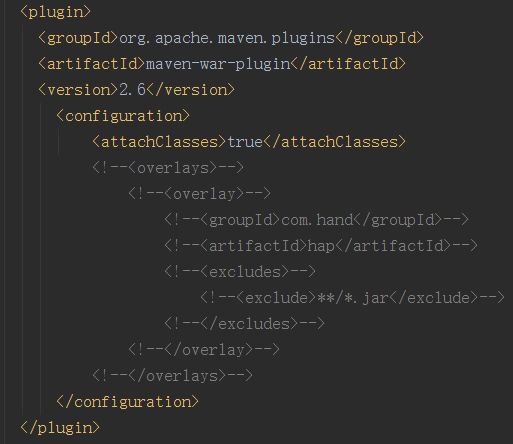
### 临时设置provided级别

项目core目录下的pom.xml文件中，将引用HAP的war包和core-db的war包级别设置为provided（发布之后需要删除或者注释掉）.



### 注释掉overlays

同时将本文件（core目录下的pom.xml）中的overlays整个注释掉



## 执行发布

在项目根目录下执行以下命令：

|  |
| --- |
| mvn clean deploy |

## 发布中常见问题

* web.xml缺失报错：

解决：将HAP的web.xml拷贝到自己项目的WEB-INF下面

## 未结与已结问

### 未结问题

| 序号 | 问题 | 解决方案 | 负责人 | 目标日期 | 实际日期 |
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### 已结问题

| 序号 | 问题 | 解决方案 | 负责人 | 目标日期 | 实际日期 |
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