Proj-gradle工程gradle配置示例：

Setting.gradle

rootProject.name = 'resources'

include 'dao' #include包含模块

include 'model'

include 'api'

include 'portal'

include 'service'

include 'public'

findProject(':public')?.name = 'resources-shared'

include 'image'

include 'open-api'

include 'guangfu-app'

Build.gradle

allprojects {

group 'com.htiiot.resources' #包名

version '0.0.1' #版本

apply plugin: 'maven' #maven插件

apply plugin: 'eclipse' #eclipse插件

apply plugin: 'java' #java插件

sourceCompatibility = 1.8 #

targetCompatibility = 1.8

tasks.withType(JavaCompile) { #任务

options.encoding = 'UTF-8'

}

repositories { #依赖仓库

maven { url 'http://maven.aliyun.com/nexus/content/groups/public/' }

maven { url 'http://124.207.207.21:62125/repository/maven-central/' }

maven { url 'http://124.207.207.21:62125/repository/maven-snapshots/' }

mavenCentral()

}

configurations.all {

// check for updates every build

resolutionStrategy.cacheChangingModulesFor 0,'seconds'

}

dependencies { #依赖

testCompile group: 'junit', name: 'junit', version: '4.11'

}

}

模块gradle的配置

**Dao:build.gradle**

dependencies { #依赖

testCompile group: 'junit', name: 'junit', version: '4.11'

compile group: 'com.htiiot.common', name: 'common-shared', version: '0.0.1-SNAPSHOT', changing: true

compile group: 'mysql', name: 'mysql-connector-java', version: '5.1.38'

compile('com.fasterxml.jackson.core:jackson-databind:2.8.6')

compile project(':resources-shared') #依赖项目自身模块

compile project(':model')

compile group: 'redis.clients', name: 'jedis', version: '2.9.0'

compile('org.apache.hbase:hbase-client:1.1.2') { #依赖项目，同时排除某些同样依赖的包

exclude group: 'org.slf4j'

exclude group: 'org.apache.httpcomponents'

exclude group: 'log4j'

exclude group: 'org.apache.hadoop'

}

compile('org.apache.hadoop:hadoop-common:2.7.1') {

exclude group: 'javax.servlet'

}

}

**model：build.gradle**

dependencies { #依赖

testCompile group: 'junit', name: 'junit', version: '4.11'

compile project (':resources-shared')

}

**Api：build.gradle**

apply plugin: 'war' #插件

apply plugin: 'eclipse-wtp' #插件

eclipse {

wtp {

component {

contextPath = '/'

}

}

}

dependencies { #依赖

compile group: 'javax.servlet', name: 'servlet-api', version: '2.4'

compile 'javax.servlet:jstl:1.2'

compile 'org.springframework:spring-context:4.3.3.RELEASE'

compile group: 'org.springframework', name: 'spring-web', version: '4.3.3.RELEASE'

compile group: 'org.springframework', name: 'spring-core', version: '4.3.3.RELEASE'

compile group: 'org.springframework', name: 'spring-webmvc', version: '4.3.3.RELEASE'

compile group: 'commons-fileupload', name: 'commons-fileupload', version: '1.3.2'

compile group: 'com.htiiot.user', name: 'user-shared', version: "${version}-SNAPSHOT", changing: true

compile('com.alibaba:fastjson:1.2.20') {

exclude group: 'com.google.guava'

}

compile project (':service') #依赖自身项目模块

testCompile group: 'junit', name: 'junit', version: '4.11'

}

**Portal:build.gradle**

apply plugin: 'war'

apply plugin: 'eclipse-wtp'

eclipse {

wtp {

component {

contextPath = '/'

}

}

}

dependencies {

compile group: 'javax.servlet', name: 'servlet-api', version: '2.4'

compile 'javax.servlet:jstl:1.2'

compile 'org.springframework:spring-context:4.3.3.RELEASE'

compile group: 'org.springframework', name: 'spring-web', version: '4.3.3.RELEASE'

compile group: 'org.springframework', name: 'spring-core', version: '4.3.3.RELEASE'

compile group: 'org.springframework', name: 'spring-webmvc', version: '4.3.3.RELEASE'

compile group: 'commons-fileupload', name: 'commons-fileupload', version: '1.3.2'

compile group: 'commons-httpclient', name: 'commons-httpclient', version: '3.1'

compile group: 'com.htiiot.common', name: 'common-shared', version: '${version}-SNAPSHOT', changing: true #依赖不同项目模块

compile group: 'com.htiiot.visual', name: 'visual-shared', version: "${version}-SNAPSHOT", changing: true

compile group: 'com.htiiot.user', name: 'user-shared', version: "${version}-SNAPSHOT", changing: true

//compile group: 'com.htiiot.subscription', name: 'subscription', version: "${version}-SNAPSHOT", changing: true

compile group: "com.htiiot.stream", name: "stat-client", version: "0.0.1-SNAPSHOT", changing: true

compile project (':model') #依赖项目自身模块

compile project (':service')

compile project (':open-api')

compile('org.apache.kafka:kafka\_2.10:0.10.0.0') {

exclude group: 'org.slf4j'

exclude group: 'log4j'

}

}

**Service:build.gradle**

dependencies {

testCompile group: 'junit', name: 'junit', version: '4.11'

compile 'org.springframework:spring-context:4.3.3.RELEASE'

compile project (':model') #依赖自身项目

compile project (':resources-shared')

compile project (':dao')

compile group: 'org.apache.poi', name: 'poi', version: '3.15'

compile group: 'org.apache.poi', name: 'poi-ooxml', version: '3.15'

compile group: 'com.htiiot.visual', name: 'visual-shared', version: "${version}-SNAPSHOT", changing: true

}

**Public:build.gradle**

dependencies {

compile group: "com.htiiot.common", name: "common-shared", version: "0.0.1-SNAPSHOT", changing: true

compile group: 'com.htiiot.visual', name: 'visual-shared', version: "${version}-SNAPSHOT", changing: true

testCompile group: 'junit', name: 'junit', version: '4.11'

}

//打包源代码

task sourcesJar(type: Jar, dependsOn: classes) {

classifier = 'sources'

from sourceSets.main.allSource

}

artifacts { #架构

archives sourcesJar

}

uploadArchives { #**上传**架构

repositories {

mavenDeployer {

repository(url: "http://124.207.207.21:62125/repository/maven-snapshots") {

authentication(userName: "uploader", password: "uploader123")

}

pom.version = "${version}-SNAPSHOT"

pom.artifactId = "resources-shared"

pom.groupId = "com.htiiot.resources"

}

}

}

实例二：

setting.gradle

rootProject.name = 'visual' #工程名

include 'model' #工程包含的项目model

include 'public' #工程包含项目public

findProject(':public')?.name = 'visual-public' #重命名

include 'dao' #工程包含项目dao

build.gradle

allprojects { #通用配置项

group 'com.htiiot.visual' #包名

version '0.0.1' #版本

apply plugin: 'maven' #插件

apply plugin: 'eclipse'

apply plugin: 'java'

sourceCompatibility = 1.8

targetCompatibility = 1.8

tasks.withType(JavaCompile) { #任务的通用配置

options.encoding = 'UTF-8'

}

repositories { #仓库

maven { url 'http://maven.aliyun.com/nexus/content/groups/public/' }

maven { url 'http://172.17.60.107:8081/repository/maven-central/' } #本地仓库配置

maven { url 'http://172.17.60.107:8081/repository/maven-snapshots/' }

mavenCentral()

}

dependencies { #工程依赖

testCompile group: 'junit', name: 'junit', version: '4.11'

}

}

各个项目

**Public:build.gradle**

dependencies { #工程依赖

testCompile group: 'junit', name: 'junit', version: '4.11'

compile group: 'com.htiiot.common', name: 'com.htiiot.common', version: '0.0.1-SNAPSHOT', changing: true

compile group: 'mysql', name: 'mysql-connector-java', version: '5.1.38'

compile 'org.springframework:spring-context:4.3.3.RELEASE'

compile('com.alibaba:fastjson:1.2.20') { #依赖同时派出对某个其他包的依赖

exclude group: 'com.google.guava'

}

}

//打包源代码

task sourcesJar(type: Jar, dependsOn: classes) {

classifier = 'sources'

from sourceSets.main.allSource

}

artifacts {

archives sourcesJar

}

uploadArchives {

repositories {

mavenDeployer {

repository(url: "http://124.207.207.21:62125/repository/maven-snapshots") {

authentication(userName: "uploader", password: "uploader123")

}

pom.version = "${version}-SNAPSHOT"

pom.artifactId = "visual-shared"

pom.groupId = "com.htiiot.visual"

}

}

}

多了upload后gradle.tasks显示

