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- 文档属性

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1.插件管理方法

进入插件管理界面



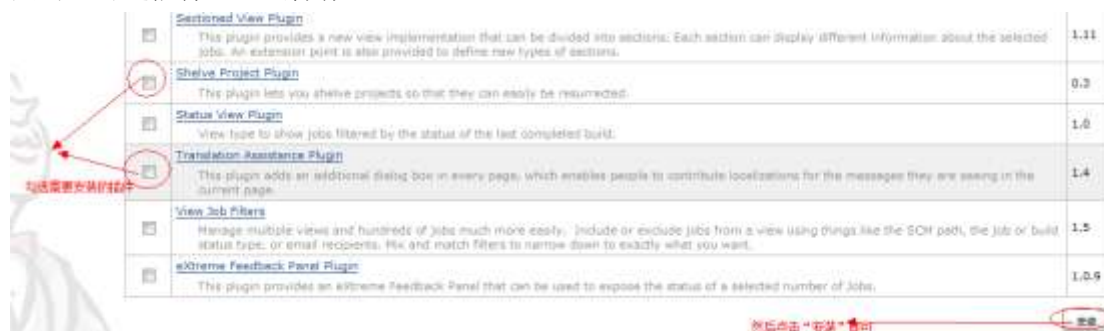
进去以后



插件安装方法

1.1 在线安装

点击“可选插件”进去操作



1.2 本地上传

点击进入“高级”选项卡



2.ABS 用到的插件介绍

所有的插件安装完毕以后，都有 HELP。可以查看 help

官网 Plugin 的地址是：<http://wiki.hudson-ci.org/display/HUDSON/Plugins>

2.1 ABS 插件系统

功用介绍: 流程服务，代码检测、自动构建、测试及分发的功能插件
使用举例: 具体在“ABS 系统简介”文档里面有详细说明。

2.2 Hudson Cppcheck Plugin

功用介绍:分析 cppeck 的一个插件。

具体举例:

a. 后台设置如下

☒ Publish Cppcheck results

Cppcheck report XML: Cppcheck-Result.xml cppcheck 产生结果的xml文件, 默认会到WORKSPACE里面找

Cppcheck must be configured to generate XML reports for this plugin to function. Fileset includes setting that specifies the generated cppcheck XML report files, such as `**/cppcheck-result-*.xml`. Basedir of the fileset is relative to the module root unless you have configured your SCM with multiple modules, in which case it is relative to the workspace root. Note that the module root is SCM-specific, and may not be the same as the workspace root. If no value is set, then the default `**/cppcheck-result.xml` is used. Be sure not to include any non-report files into this pattern.

Build status

Thresholds: Total New Total New

Configure the build status and health. A build is considered as unstable or failure if the new or total number of errors exceeds the specified thresholds. The build health is also determined by thresholds. If the actual number of errors is between the provided thresholds, then the build health is interpolated.

Severity evaluation

☐ Severity 'error' ☐ Severity 'possible error' ☐ Severity 'style' ☐ Severity 'possible style'

Determines which severity of errors should be considered when evaluating the build status and health.

ADVANCED

输出的格式文档

另外有关 cppcheck 的介绍, 可以参考:

<http://sourceforge.net/apps/mediawiki/cppcheck>

cppcheck \$FILE_WANT_TO_CHECK --xml -q 即可产生 xml 格式结果。

b. 前端展现:

点击“”, 即可看到 cppcheck 的结果:

Hudson > antifrud > af_filter > #62

Cppcheck Result

Errors Trend

All errors	New errors
1	0

Summary

Total	Severity 'error'	Severity 'possible error'	Severity 'style'	Severity 'possible style'	no category
1	1	0	0	0	0

Details

Filename	LineNumber	CppCheckId	Severity	Message
./transmit/monitor/main.cpp	90	resourceLeak	error	Resource leak: dirp

2.3 cmakebuilder Plugin

功用介绍:提供 cmake 构建方式的支持

2.4 Hudson CVS Plug-in

功用介绍:提供 cvs 配置管理工具的支持

使用介绍:

Source Code Management

☐ None

☒ CVS

CVSROOT

Module(s)

Branch

☐ This is a tag, not a branch

☐ Subversion

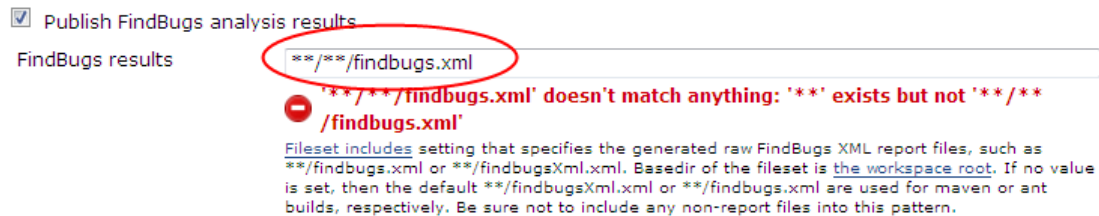
Build Triggers

2.5 FindBugs Plug-in

功用介绍:提供 findbugs 静待代码扫描工具的支持

使用介绍:

a)后台设置



b) 通过 mvn 调用 findbugs 进行扫描，在 build 时给出 xml 形式的扫描结果。通过 findbugs 插件将结果在 hudson 中展示出来。

c) 前端展现



2.6 Maven 2 Project Plugin

功用介绍:提供 mvn2 的支持的项目类型

使用介绍:

The screenshot shows the Hudson web interface. On the left is a sidebar with navigation links: '新建任务' (New Job), '系统管理' (System Management), '用户' (Users), '构建历史' (Build History), 'Project Relationship', 'Check File Fingerprint', '淘宝网' (Taobao), '淘宝网主页(广告搜索)' (Taobao Home (Ad Search)), and 'My Views'. Below these are sections for '构建队列' (Build Queue) showing '当前队列没有构建任务' (No build tasks in the current queue) and '构建状态' (Build Status) showing a table with one entry: '# Master'. The main content area has a '任务名称' (Job Name) input field at the top. Below it are several radio button options: 'Build a free-style software project', 'Build a maven2 project' (which is circled in red), 'Monitor an external job', 'Build multi-configuration project', and '复制现有任务' (Copy existing task). A red arrow points from the text '直接新建此项目类型即可!' (You can directly create this project type!) to the 'Build a maven2 project' option. The descriptions for each option are as follows:

- Build a free-style software project**: This is the central feature of Hudson. Hudson will build your project with any build system, and this can be even used for something other than building software.
- Build a maven2 project**: Build a maven2 project. Hudson takes advantage of your POM file configuration.
- Monitor an external job**: This type of job allows you to record the execution of a process on a remote machine. This is designed so that you can use Hudson as part of an automation system. See [the documentation for more details](#).
- Build multi-configuration project**: Suitable for projects that need a large number of different configurations, multiple environments, platform-specific builds, etc.
- 复制现有任务**: 要复制的任务名称: [input field]

2.7 Python Plugin

功用介绍:提供编译脚本 python 的支持。

使用介绍:

直接在编译脚本里面写 python 语句即可。

2.7 Hudson Ruby Plugin

功用介绍:提供编译脚本 ruby 的支持。

使用介绍:

直接在编译脚本里面写 ruby 语句即可。

2.8 SCons Plugin

功用介绍:提供 scons 编译类型的支持, 类似于 cmake。

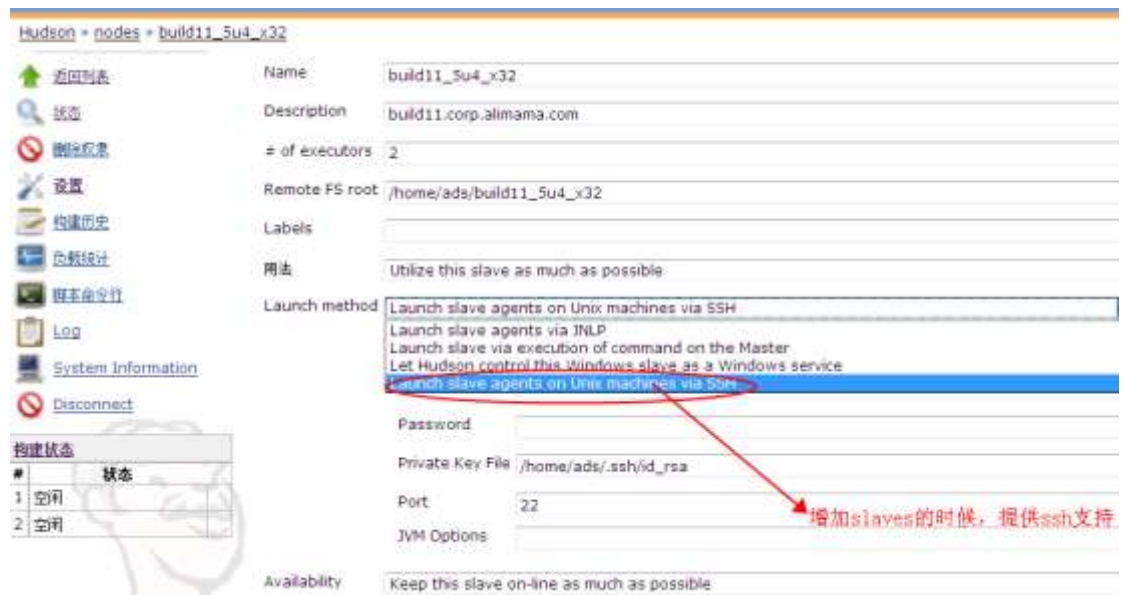
使用介绍:

略, 类似于 cmake。

2.9 Hudson SSH Slaves plugin

功用介绍:增加 slaves 的时, 提供 ssh 的方式。

使用介绍:



2.10 Subversion Tagging Plugin

功用介绍:svn 的自动 tag 功能, 只要在后台定义好。

使用介绍:

后台可以定义 tags 的格式和打 tags 的时间等。当然这个插件启用的前提是, 前面编译设置了 svn 的路径。

2.11 Hudson TextFinder plugin

功用介绍:

Hudson 容错机制补充, 可以定义正则表达式, 当满足该条件时抛出编译错误
或正确结果

使用介绍:

The screenshot shows the configuration interface for the Hudson Text Finder plugin. It includes a text input field for the search path, a checkbox for 'Also search the console output', a text input field for a regular expression, and two radio buttons for 'Succeed if found' and 'Unstable if found'. Red circles and arrows highlight specific fields with Chinese annotations: the search path field is annotated with '如果发现了定义的文字, 也可以定义在txt文件' (If the defined text is found, it can also be defined in a txt file); the regular expression field is annotated with '定义正则表达式' (Define regular expression); the 'Succeed if found' radio button is annotated with '做出判断, 成功' (Make a judgment, success); and the 'Unstable if found' radio button is annotated with '做出判断, 失败' (Make a judgment, failure).

Hudson Text Finder 如果发现了定义的文字, 也可以定义在txt文件

Specify the path to the files in which to search, relative to [the workspace root](#). This can use wildcards like 'logs/**/*/*.txt'. See [the @includes of Ant fileset](#) for the exact format. Leave this empty if you don't want to scan any files (usually combined with checked 'also search the console output').

☐ Also search the console output

Regular expression 定义正则表达式

Specify a regular expression using the syntax supported by the Java [Pattern](#) class.

Succeed if found ☒ 做出判断, 成功

Use this option to force a build to succeed or fail depending on whether a string was found.

Unstable if found ☐ 做出判断, 失败

2.12 URL Change Trigger

功用介绍:

根据设置的 URL(可以是 http url 或文件路径), 进行检查。如果有变更, 则执行构建。

使用介绍:

The screenshot shows the configuration interface for the URL Change Trigger plugin. It features a checkbox labeled 'Build when a URL's content changes', a text input field for the URL, and a help icon. Below the input field is a grey box containing the text: 'Hudson will check this URL and download its content. If the content changes, Hudson will launch a build.'

☒ Build when a URL's content changes ?

URL ?

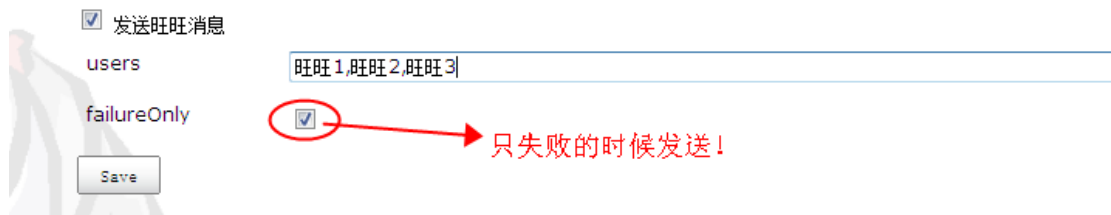
Hudson will check this URL and download its content. If the content changes, Hudson will launch a build.

2.13 wangwangPlugin

功用介绍:

阿里旺旺的通知插件。

使用介绍:



☒ 发送旺旺消息

users

failureOnly ☒ 只失败的时候发送!

Save