

扫二维码，加微信



# 性能测试自动化 ( JMeter )

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- 1 为什么要性能测试自动化
- 2 如何自动化
- 3 Jenkins+Ant+JMeter





# 为什么要性能测试自动化

懒

效率

价值





# Contents

1

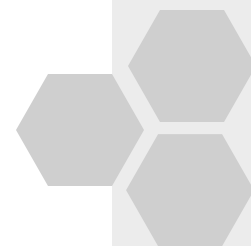
为什么要性能测试自动化

2

如何自动化

3

Jenkins+Ant+JMeter



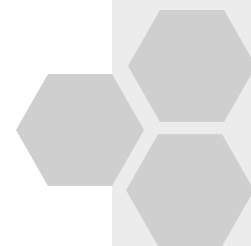


# 如何自动化

开源工具

Jenkins+Maven+JMeter

Jenkins+Ant+JMeter



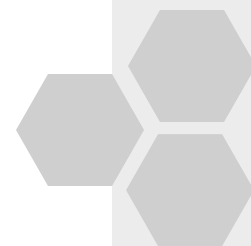


# 如何自动化

定时调试

执行测试

生成报告





# Contents

1

为什么要性能测试自动化

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如何自动化

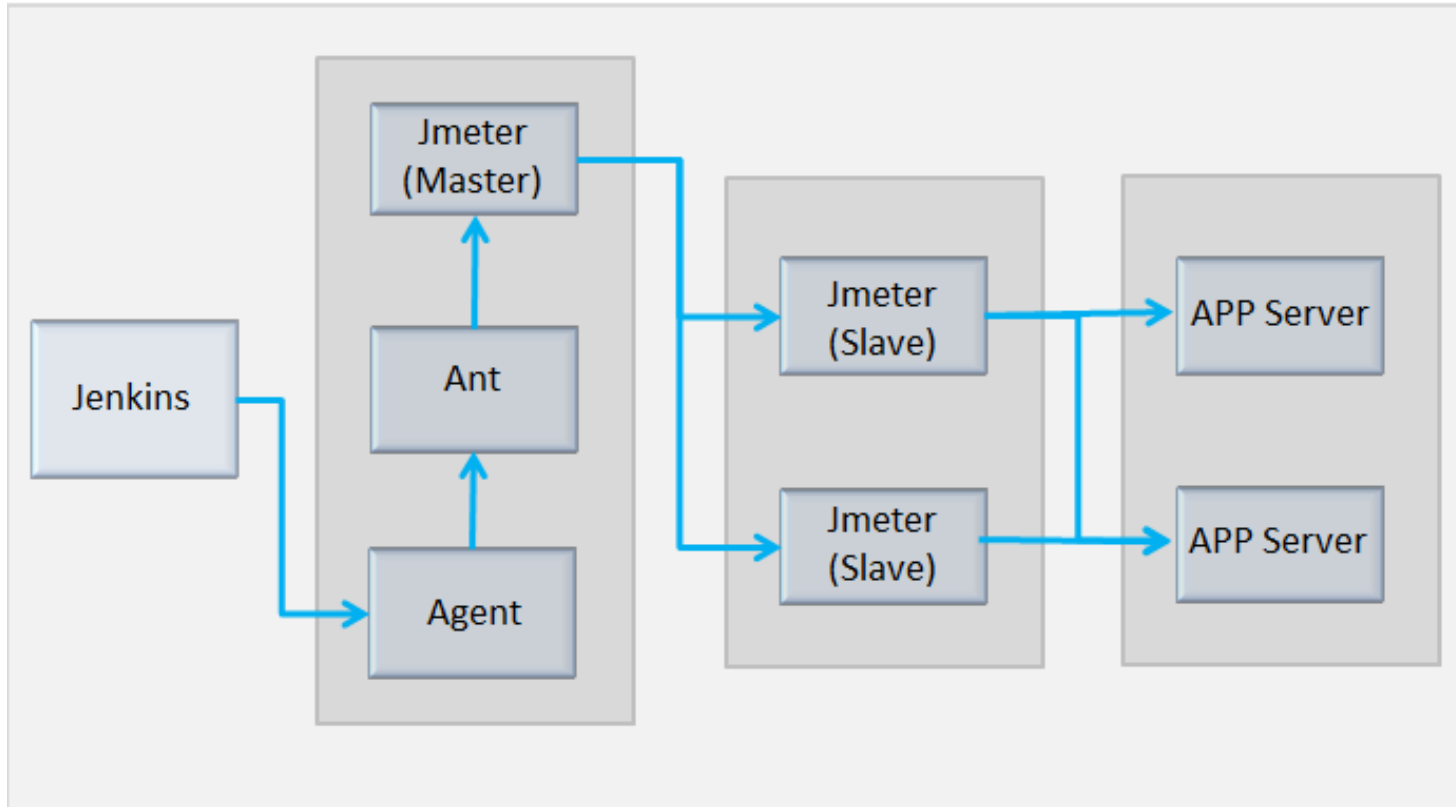
3

Jenkins+Ant+JMeter





# Jenkins+Ant+JMeter







# Ant+JMeter

<http://ant.apache.org/bindownload.cgi>

## Current Release of Ant

Currently, Apache Ant 1.9.4 is the best available version, see the [release notes](#).

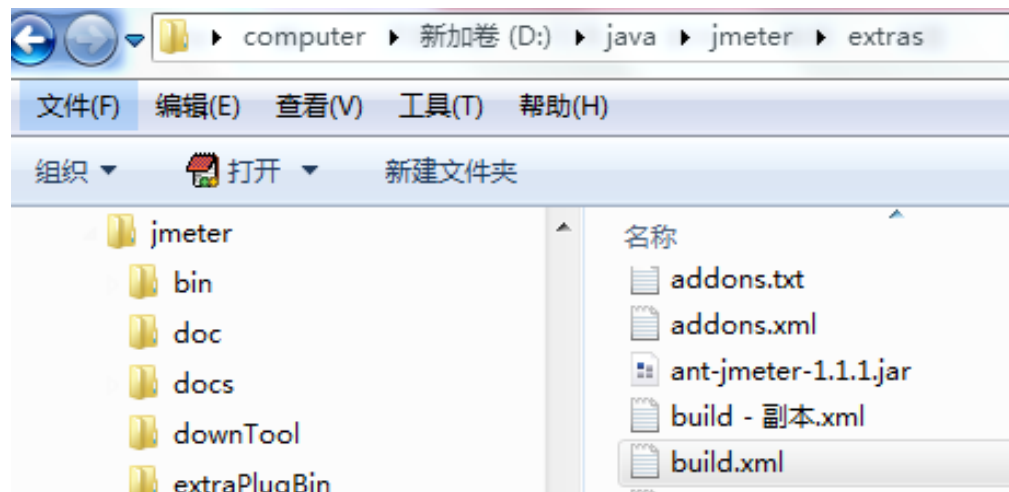
## Note

Ant 1.9.4 was released on 05-May-2014 and may not be available on all mirrors for a few days.

## Tar files may require gnu tar to extract

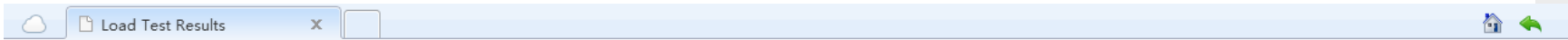
Tar files in the distribution contain long file names, and may require gnu tar to do the extraction.

- .zip archive: [apache-ant-1.9.4-bin.zip](#) [PGP] [SHA1] [SHA512] [MD5]
- .tar.gz archive: [apache-ant-1.9.4-bin.tar.gz](#) [PGP] [SHA1] [SHA512] [MD5]
- .tar.bz2 archive: [apache-ant-1.9.4-bin.tar.bz2](#) [PGP] [SHA1] [SHA512] [MD5]





# Ant+JMeter



## Load Test Results

Date report: 2014/11/05 20:49

Designed for use with [JMeter](#) and [Ant](#).

### Summary

| # Samples | Failures | Success Rate | Average Time | Min Time | Max Time |
|-----------|----------|--------------|--------------|----------|----------|
| 10        | 0        | 100.00%      | 1000 ms      | 999 ms   | 1001 ms  |

### Pages

| URL      | # Samples | Failures | Success Rate | Average Time | Min Time | Max Time |
|----------|-----------|----------|--------------|--------------|----------|----------|
| ParaTest | 10        | 0        | 100.00%      | 1000 ms      | 999 ms   | 1001 ms  |

#### Details for Page "ParaTest"

| Thread  | Iteration | Time (milliseconds) | Bytes | Success |
|---------|-----------|---------------------|-------|---------|
| 线程组 1-1 | 1         | 1000                | 48    | true    |
| 线程组 1-2 | 2         | 999                 | 48    | true    |
| 线程组 1-1 | 3         | 999                 | 50    | true    |
| 线程组 1-2 | 4         | 1000                | 48    | true    |
| 线程组 1-1 | 5         | 999                 | 52    | true    |
| 线程组 1-2 | 6         | 1000                | 50    | true    |
| 线程组 1-1 | 7         | 999                 | 50    | true    |
| 线程组 1-2 | 8         | 1001                | 52    | true    |
| 线程组 1-1 | 9         | 1000                | 48    | true    |
| 线程组 1-2 | 10        | 999                 | 48    | true    |



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# Jenkins+Ant

The screenshot shows the Jenkins website homepage. At the top, there is a navigation bar with links: BLOG, CONNECT, BUG TRACKER, Wiki, CI, TUTORIALS, ARCHIVES, DONATION, and ABOUT. Below this is a banner for the Jenkins User Conference 2014, held in Copenhagen and San Francisco. The main content area is divided into several sections:

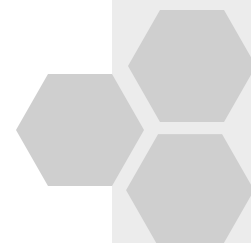
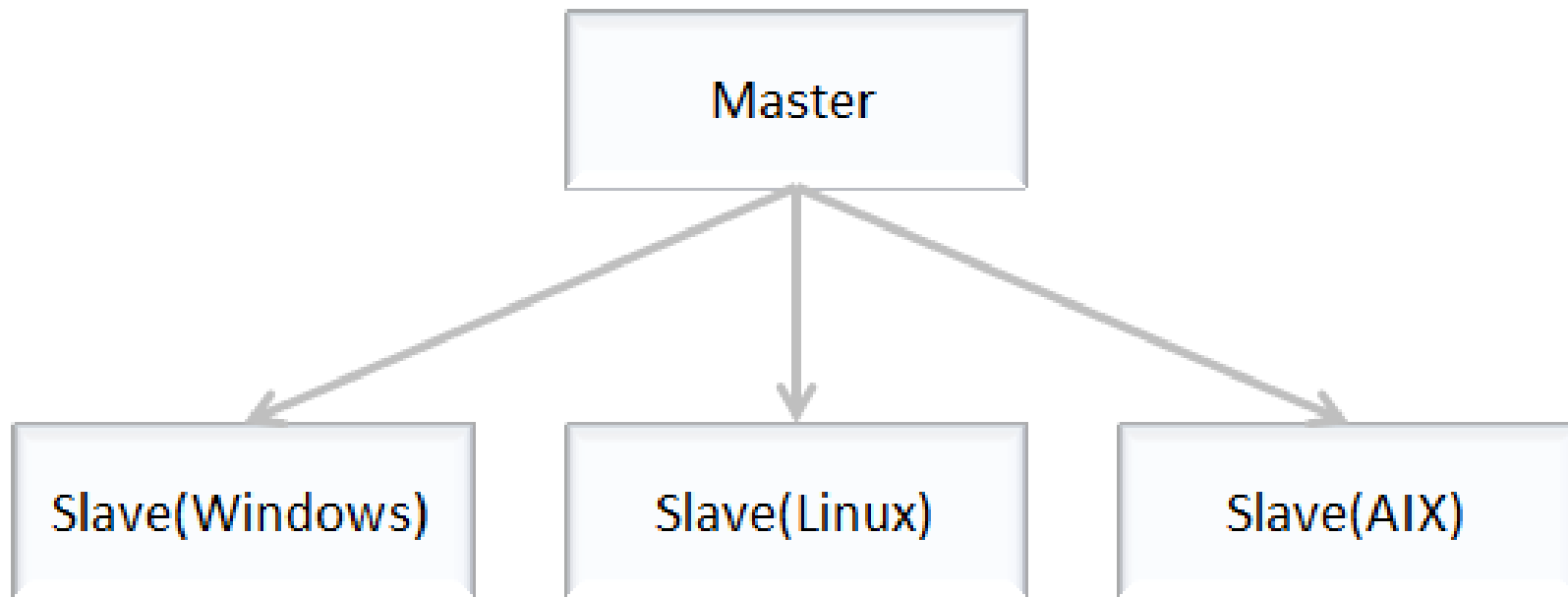
- Meet Jenkins:** A section with the Jenkins logo and the text "Find out what Jenkins is and get started."
- Use Jenkins:** A section with the text "See how to get" and a list of operating systems: Windows, Ubuntu/Debian, Red Hat/Fedora/CentOS, Mac OS X, openSUSE, FreeBSD, OpenBSD, Solaris/OpenIndiana, and Gentoo.
- Download Jenkins:** A section with the text "Download Jenkins" and "Release Long-Term Support Release". It offers two options: "Java Web Archive (.war)" and "Or native package". The Java Web Archive section includes links for "Latest and greatest (1.586)", "changelog", "past releases", and "RC", and a link for "upgrading from Hudson?". The native package section includes links for "Windows", "Ubuntu/Debian", and "Red Hat/Fedora/CentOS".

Annotations on the screenshot include a large white arrow pointing from the "Use Jenkins" section to the "Or native package" section, and a green arrow pointing from the "Java Web Archive (.war)" section to the "Or native package" section.





# Jenkins+Ant





# Jenkins+Ant

## 构建触发器

- Build after other projects are built
- Build periodically
- Poll SCM

## 构建

### Execute Windows batch command

命令 D:\java\jmeter\run.bat

参阅 [可用环境变量列表](#)

增加构建步骤

### 构建后操作

增加构建后操作步骤

Aggregate downstream test results

Archive the artifacts

Build other projects

Publish JUnit test result report

Publish Javadoc

Publish Performance test result report

Record fingerprints of files to track usage

E-mail Notification

增加构建后操作步骤

保存

应用





# Jenkins+Ant

增加构建步骤 -

## 构建后操作

Publish Performance test result report  
Performance report

Select mode:

Use Error thresholds on single build:

Use Relative thresholds for build comparison:

Performance display

Add a new report -

- lago
- JMeter**
- JMeterCSV
- JUnit
- JmeterSummarizer
- wrk

Error Threshold

Failed % Range

Compare with previous Build  Compare with Build number

Compare based on

Average Response Time

Performance Per Test Case Mode

Show Throughput Chart

增加构建后操作步骤 -





# Jenkins+Ant

- 返回面板
- 状态
- 修改记录
- 工作空间
- 立即构建
- 删除 Project
- 配置
- Performance Trend

## Project Performance Test

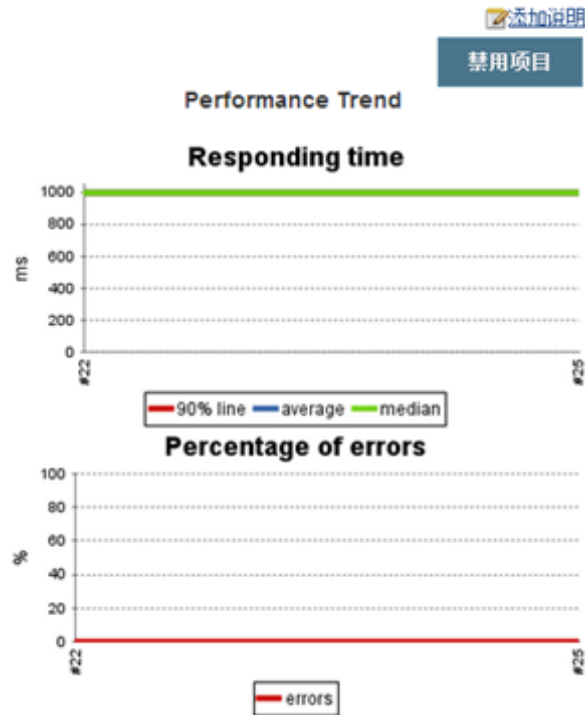


### 相关链接

- [Last build\(#25\) 1分3秒之前](#)
- [Last stable build\(#25\) 1分3秒之前](#)
- [Last successful build\(#25\) 1分3秒之前](#)

| Build History |                     | 构建历史 |
|---------------|---------------------|------|
| #26           | 2014-11-12 23:13:21 |      |
| #25           | 2014-11-12 23:09:20 |      |
| #22           | 2014-11-9 22:13:02  |      |

RSS 全部 RSS 失败



Thank You !