

# Java-Success.com

Industrial strength Java Career Companion


[Home](#)
[Java FAQs](#)
[600+ Java Q&As](#)
[Career](#)
[Tutorials](#)
[Member](#)
[Why?](#)
[Can u Debug?](#)
[Java 8 ready?](#)
[Top X](#)
[Productivity Tools](#)
[Judging Experience?](#)

[Home](#) › [Interview](#) › [Spring, Hibernate, & Maven Interview Q&A](#) › [Git & SVN](#) ›

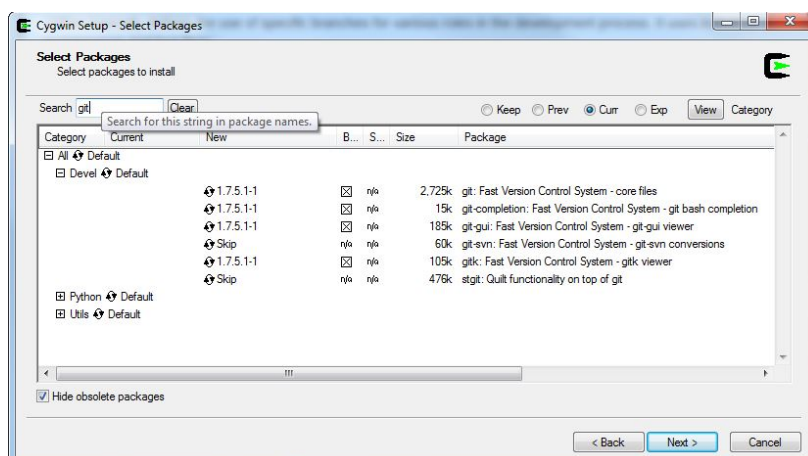
Setting up Cygwin with Git Tutorial

## Setting up Cygwin with Git Tutorial

Posted on [July 3, 2015](#) by [Arulkumaran Kumaraswamipillai](#)

### Step 1: Download and install Cygwin.

Add additional packages to the Cygwin setup. Advance through the setup wizard accepting all default options until the "Select Pages" dialog is reached. Enter the word git into the Search input field and from the filtered list presented in the main dialog form select all relevant Git packages as per the following image:



Cygwin & Git

## 600+ Full Stack Java/JEE Interview Q&As ♥Free ♦FAQs

[open all](#) | [close all](#)

[Ice Breaker Interview](#)

[Core Java Interview C](#)

[JEE Interview Q&A \(3](#)

[Pressed for time? Jav](#)

[SQL, XML, UML, JSC](#)

[Hadoop & BigData Int](#)

[Java Architecture Inte](#)

[Scala Interview Q&As](#)

[Spring, Hibernate, & I](#)

[Spring \(18\)](#)

[Hibernate \(13\)](#)

[AngularJS \(2\)](#)

[Git & SVN \(6\)](#)

[Git & Maven fc](#)

[Merging Vs rel](#)

[Understanding](#)

[6 more Git interv](#)

[8 Git Source cor](#)

[Setting up Cygw](#)

[JMeter \(2\)](#)

[JSF \(2\)](#)

[Maven \(3\)](#)

Select “Next” until the selected options as added to the local Cygwin installation.

Also search ssh and install as required.

## Step 2: Configure global Git settings.





Create the global Git configuration file a.k.a .gitconfig and place into the user’s Cygwin home folder. The following can be used as a template when creating this new resource:

```

1
2 [user]
3     name = FILL
4     email = FILL@mydomain.com
5 [core]
6     editor = vim
7     autocrlf = true
8     fileMode = false
9 [color]
10    status = auto
11    branch = auto
12    interactive = auto
13    diff = auto
14 [branch]
15    autosetuprebase = always
16 [alias]
17    br = branch
18    co = checkout
19    st = status
20    rf = checkout HEAD --
21    rh = reset --hard HEAD
22    lg = log --oneline --abbrev-commit --all --g
23    lg2 = log --oneline --abbrev-commit --all --
24 [gui]
25    fontdiff = -family Consolas -size 10 -weight
26 [diff]
27    tool = winmerge
28 [difftool]
29    prompt = false
30 [difftool "winmerge"]
31    path = C:/Program Files (x86)/WinMerge/WinMe
32    cmd = \"C:/Program Files (x86)/WinMerge/WinM
33

















```

Ensure to replace the placeholders marked “FILL” with your own details before saving to the local directory. This file needs to be saved to the root of your cygwin account (usually referred to as ~/.gitconfig) and to the Git home directory under “C:\ProgramData\Cygwin\home\USER” where USER needs to be replaced with your username (e.g. john).

-  [Testing & Profiling/Sa](#)
-  [Other Interview Q&A 1](#)
-   [Free Java Interview](#)

## 16 Technical Key Areas

[open all](#) | [close all](#)

-  [Best Practice \(6\)](#)
-  [Coding \(26\)](#)
-  [Concurrency \(6\)](#)
-  [Design Concepts \(7\)](#)
-  [Design Patterns \(11\)](#)
-  [Exception Handling \(3\)](#)
-  [Java Debugging \(21\)](#)
-  [Judging Experience I](#)
-  [Low Latency \(7\)](#)
-  [Memory Management](#)
-  [Performance \(13\)](#)
-  [QoS \(8\)](#)
-  [Scalability \(4\)](#)
-  [SDLC \(6\)](#)
-  [Security \(13\)](#)
-  [Transaction Managen](#)

## 80+ step by step Java Tutorials

[open all](#) | [close all](#)

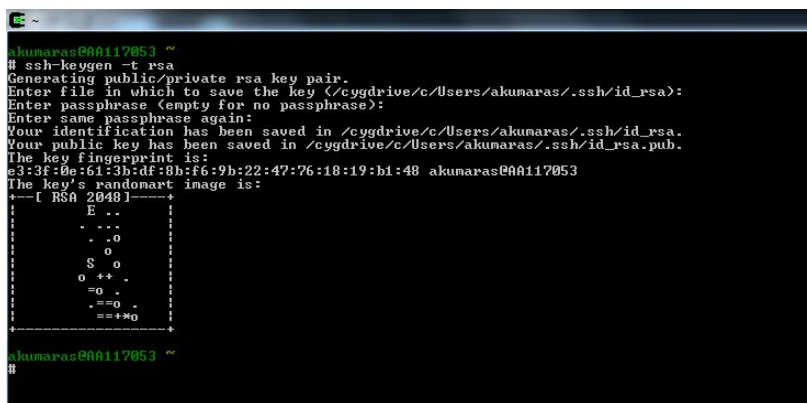
-  [Setting up Tutorial \(6\)](#)
-  [Tutorial - Diagnosis \(2\)](#)
-  [Akka Tutorial \(9\)](#)
-  [Core Java Tutorials \(2\)](#)
-  [Hadoop & Spark Tuto](#)
-  [JEE Tutorials \(19\)](#)
-  [Scala Tutorials \(1\)](#)
-  [Spring & Hibernate Ti](#)
-  [Tools Tutorials \(19\)](#)

### Step 3: Setup SSH key in Stash.

If you are using Stash as the remote Git repository. Similar config might be required if you are using GitHub as your repository as well to do SSH.

If you haven't already, generate an RSA SSH key pair (public + private) using Cygwin's ssh-keygen utility as show in the image below:

```
1 ssh-keygen -t rsa
```



Cygwin & Git setting up SSH keys

press "Enter" through the questions prompted.

### Step 4: Copy the public key to the clipboard

```
1 $ cat ~/.ssh/id_rsa.pub | clip
```

Now, login to Stash (you should already have an account to do this) and once logged in, head to the Manage Account page by clicking on the Profile drop down menu in the top right-hand corner of the screen . Add the public key.

## Setting up .bashrc, inputrc, etc

For example, .basrc file may look like

[Other Tutorials \(45\)](#)

## 100+ Java pre-interview coding tests

[open all](#) | [close all](#)

- [Can you write code? \(](#)
- [♦ Complete the given](#)
- [Converting from A to I](#)
- [Designing your classe](#)
- [Java Data Structures](#)
- [Passing the unit tests](#)
- [What is wrong with th](#)
- [Writing Code Home A](#)
- [Written Test Core Jav](#)
- [Written Test JEE \(1\)](#)

## How good are your .....?

[open all](#) | [close all](#)

- [Career Making Know-](#)
- [Job Hunting & Resum](#)

```
1 export HOMEDIR=/cygdrive/c/john
2 export SVN_EDITOR=vim
3 export PS1='\[\e]0;\W\a\]\[\e[32m\]\u@h \[\e[33
4 export JAVA_HOME=/cygdrive/c/TOOLS/java/jdk1.6.0
5 export MAVEN_HOME=/cygdrive/c/TOOLS/maven/apache
6 export MAVEN_OPTS="-Xms64m -Xmx512m -XX:MaxPermS
7 export ANT_HOME=/cygdrive/c/TOOLS/ant/apache-ant
8 export PATH=$JAVA_HOME/bin:$MAVEN_HOME/bin:~/bin
9 export http_proxy=http://myproxy-server:8080
10
11 export JBOSS_HOME=/cygdrive/c/Users/john/Documen
12
13 alias fn='find . -type f -name'
14 alias fnd='find . -type d -name'
15 alias tarup='tar --exclude="maya-backend" --excl
16 alias runj='./run.sh -b 0.0.0.0'
17
18 alias runx="run xwin -multiwindow -clipboard"
19
20 alias work="cd /cygdrive/c/myapps/workspace/"
21 alias jbin="cd /cygdrive/c/Users/john/Documents/
```

## Popular Member Posts

♦ 11 Spring boot interview questions & answers

904 views

♦ Q11-Q23: Top 50+ Core on Java OOP Interview Questions & Answers

816 views

001A: ♦ 7+ Java integration styles & patterns interview questions & answers

427 views

18 Java scenarios based interview Questions and Answers

408 views

♦ 7 Java debugging interview questions & answers

324 views

01b: ♦ 13 Spring basics Q8 – Q13 interview questions & answers

311 views

01: ♦ 15 Ice breaker questions asked 90% of the time in Java job interviews with hints

304 views

♦ 10 ERD (Entity-Relationship Diagrams) Interview Questions and Answers

301 views

♦ Q24-Q36: Top 50+ Core on Java classes, interfaces and generics interview questions & answers

251 views

♦ Object equals Vs == and pass by reference Vs value

234 views



Bio

Latest Posts



### Arulkumaran Kumaraswamipillai

Mechanical Eng to freelance Java developer in 3 yrs. Contracting since 2003, and attended 150+ Java job interviews, and often got 4 - 7 job offers to choose from. It pays to prepare. So, published Java interview Q&A books via [Amazon.com](http://Amazon.com) in 2005, and sold 35,000+ copies. Books are outdated and replaced with this subscription based site. **945+** paid members. [join my LinkedIn Group](#). [Reviews](#)



### About Arulkumaran Kumaraswamipillai

Mechanical Eng to freelance Java developer in 3 yrs. Contracting since 2003, and attended 150+ Java job interviews, and often got 4 - 7 job offers to choose from. It pays to prepare. So, published Java interview Q&A books via [Amazon.com](http://Amazon.com) in 2005, and sold 35,000+ copies. Books are outdated and replaced with this subscription based site. **945+** paid members. [join my LinkedIn Group](#). [Reviews](#)

◀ 07: HATEOAS RESTFul Service with Spring tutorial

♥ Reading a text file in Java with the Scanner ▶

Posted in Git & SVN

## Empowers you to open more doors, and fast-track

### Technical Know Hows

☀ [Java generics in no time](#) ☀ [Top 6 tips to transforming your thinking from OOP to FP](#) ☀ [How does a HashMap internally work? What is a hashing function?](#)  
☀ [10+ Java String class interview Q&As](#) ☀ [Java auto un/boxing benefits & caveats](#) ☀ [Top 11 slacknesses that can come back and bite you as an experienced Java developer or architect](#)

### Non-Technical Know Hows

☀ [6 Aspects that can motivate you to fast-track your career & go places](#) ☀ [Are you reinventing yourself as a Java developer?](#) ☀ [8 tips to safeguard your Java career against offshoring](#) ☀ [My top 5 career mistakes](#)

## Prepare to succeed

☀ [Turn readers of your Java CV go from “Blah blah” to “Wow”?](#) ☀ [How to prepare for Java job interviews?](#) ☀ [16 Technical Key Areas](#) ☀ [How to choose from multiple Java job offers?](#)

Select Category ▼

## © Disclaimer

The contents in this Java-Success are copy righted. The author has the right to correct or enhance the current content without any prior notice.

These are general advice only, and one needs to take his/her own circumstances into consideration. The author will not be held liable for any damages caused or alleged to be caused either directly or indirectly by these materials and resources. Any trademarked names or labels used in this blog remain the property of their respective trademark owners. No guarantees are made regarding the accuracy or usefulness of content, though I do make an effort to be accurate. Links to external sites do not imply endorsement of the linked-to sites.