

Industrial strength Java/JEE Career Companion to open more doors

[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](#) > [Core Java Interview Q&A](#) > [JVM](#) > 06: ♦ 10+ Atomicity, Visibility, and Ordering interview Q&A in Java multi-threading

06: ♦ 10+ Atomicity, Visibility, and Ordering interview Q&A in Java multi-threading

Posted on [November 23, 2014](#) by [Arulkumaran Kumaraswamipillai](#)

Tweet

Q1. Why is it important to understand the difference between the “JVM memory model” and the computer “hardware memory model”? A1. 3 reasons why it is important to understand the JVM memory model and computer hardware memory model are: 1)...

Members Only Content

This content is for the members with any one of the following paid subscriptions:

[9 tips to earn more](#) | [What can u do to go places?](#) | **945+** paid members. [LinkedIn Group](#). [Reviews](#)

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

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

☒ [Ice Breaker Interview](#)

☒ [Core Java Interview C](#)

☒ [Java Overview \(4\)](#)

☒ [Data types \(6\)](#)

☒ [constructors-methc](#)

☒ [Reserved Key Wor](#)

☒ [Classes \(3\)](#)

☒ [Objects \(8\)](#)

☒ [OOP \(10\)](#)

☒ [GC \(2\)](#)

☒ [Generics \(5\)](#)

☒ [FP \(8\)](#)

☒ [IO \(7\)](#)

30-Day-Java-JEE-Career-Training, 90-Day-Java-JEE-Career-Training, 180-Day-Java-JEE-Career-Training, 365-Day-Java-JEE-Career-Training, 60-Day-Java-JEE-Career-Training and 2-Year-Java-JEE-Career-Training

Want to evaluate the quality of the contents to see if they will add value to you?

[Click Here](#) and check the contents with **Try**.

[Log In](#)

[Register](#)

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](#) in 2005, and sold 35,000+ copies. Books are outdated and replaced with this subscription based site.



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](#) in 2005, and sold 35,000+ copies. Books are outdated and replaced with this subscription based site.

☞ Multithreading (12)

- 01: ♥♦ 15 Beginner
- 02: ♥♦ 10+ Java
- 03: ♦ More Java
- 04: ♦ 6 popular J
- 05: ♦ How a thre
- 06: ♦ 10+ Atomic
- 07: 5 Basic multi
- 08: ♦ ThreadLoc
- 09: Java FutureT
- 10: ♦ ExecutorSe
- Java ExecutorSe
- Producer and Co

☞ Algorithms (5)

- ☞ Annotations (2)
- ☞ Collection and Data
- ☞ Differences Between
- ☞ Event Driven Progr
- ☞ Exceptions (2)
- ☞ Java 7 (2)
- ☞ Java 8 (24)
- ☞ JVM (6)
- ☞ Reactive Programn
- ☞ Swing & AWT (2)

☞ 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
- ☞ Testing & Profiling/Sa
- ☞ Other Interview Q&A 1
- ☞ 📺 Free Java Interview

As a Java Architect

[Java architecture & design concepts](#)

◀ How to become a self-taught Java developer?

06: ♦ MVC0, MVC1, MVC2, MVP, MVVM, and MVW web design

patterns Java examples ▶

Posted in JVM, member-paid, Multithreading

[interview Q&As with diagrams](#) | [What should be a typical Java EE architecture?](#)

Senior Java developers must have a good handle on

[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 In](#)
- ▣ [Low Latency \(7\)](#)
- ▣ [Memory Management](#)
- ▣ [Performance \(13\)](#)
- ▣ [QoS \(8\)](#)
- ▣ [Scalability \(4\)](#)
- ▣ [SDLC \(6\)](#)
- ▣ [Security \(13\)](#)
- ▣ [Transaction Management](#)

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 Tutorials \(1\)](#)
-  [Tools Tutorials \(19\)](#)
-  [Other Tutorials \(45\)](#)

100+ Preparing for pre-interview Java written home assignments & coding tests

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

-  [Can you write code? \(1\)](#)
-  [◆ Complete the given](#)
-  [Converting from A to B](#)
-  [Designing your classes](#)
-  [Java Data Structures](#)
-  [Passing the unit tests](#)
-  [What is wrong with this](#)
-  [Writing Code Home Assignment](#)
-  [Written Test Core Java](#)
-  [Written Test JEE \(1\)](#)

How good are your...to go places?

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

-  [Career Making Knowledge](#)
-  [Job Hunting & Resumes](#)

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?](#)

© 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.