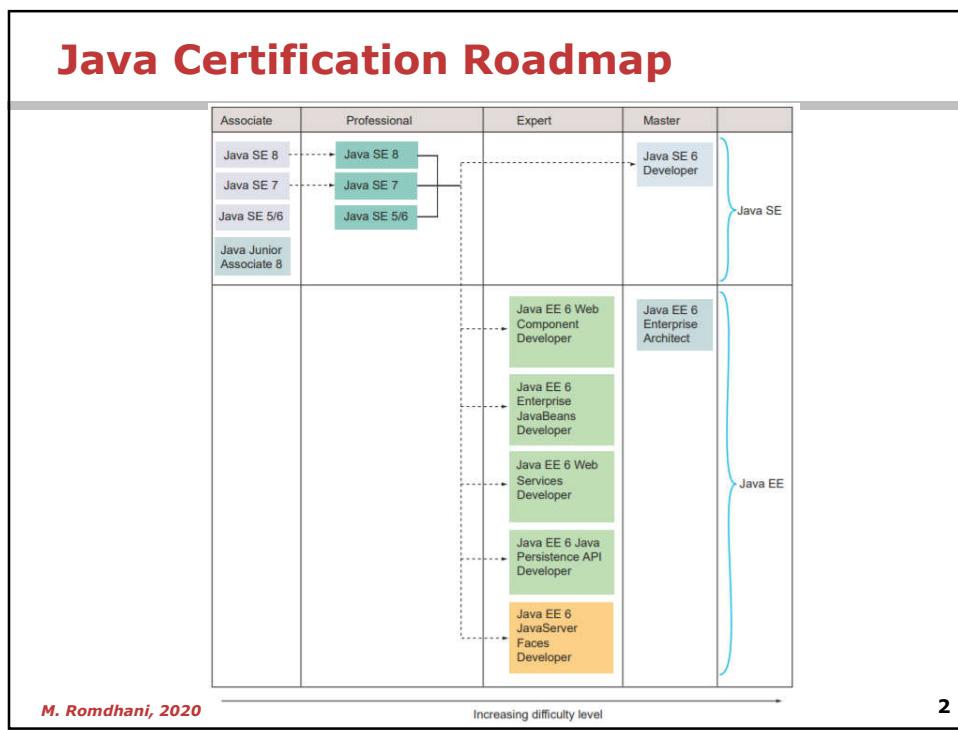




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Java SE 8 Programmer II, Exam Information

- Exam Number: 1Z0-809/ Exam Title: Java SE 8 Programmer II

● Exam Details

Exam Title:	Java SE 8 Programmer II	Duration:	150 minutes
Exam Number:	1Z0-809	Number of Questions:	85
Exam Price:	€220 More on exam pricing	Passing Score:	65%
Format:	Multiple Choice	Validated Against:	This exam is validated against Java SE 8.

https://education.oracle.com/java-se-8-programmer-ii/pexam_1Z0-809

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Exam Topics

- Java Class Design
- Advanced Class Design
- Generics and Collections
- Lambda Built-In Functional Interfaces
- Java Stream API
- Exceptions and Assertions
- Use Java SE 8 Date/Time API
- Java I/O Fundamentals
- Java File I/O (NIO.2)
- Concurrency
- Building Database Applications with JDBC
- Localization

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Plan du cours

- Le cours est basé sur l'ouvrage de Kathy Sierra, Bert Bates, Elisabeth Robson (publié en 2018) :

1. Declarations, access control, and enums
2. Object orientation
3. Assertions and exceptions
4. Dates, times, locales, and resource bundles
5. I/O and NIO
6. Generics and collections
7. Inner classes
8. Lambda expressions and functional interfaces
9. Streams
10. Threads
11. Concurrency
12. JDBC



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Ouvrages recommandés

- Oracle Certified Professional Java SE 8 Programmer Exam 1Z0-809: A Comprehensive OCPJP 8 Certification Guide
Ganesh, S.G., Kumar, Hari Kiran, Sharma, Tushar
APRESS 2016
- Java 8 Programmer II Study Guide: Exam **Esteban Herrera**
CreateSpace Independent Publishing Platform, 2016
- OCP: Oracle Certified Associate Java SE 8 Programmer II Study Guide: Exam 1Z0-809
Jeanne Boyarsky, Scott Selikoff
SYBEX 2016
- OCA / OCP Java SE 8 Programmer - Practice Tests
Jeanne Boyarsky, Scott Selikoff
SYBEX 2017



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Documentation Oracle pour l'examen

- <https://docs.oracle.com/javase/tutorial/extracertification/javase-8-programmer2.html>

■ Links to tutorials and technical documentation related to exam topics

■ Pages with Good Info

- <https://www.mkyong.com/java8/java-8.Collectors-groupingby-and-mapping-example/>
- <http://www.baeldung.com/java8>
- <http://www.baeldung.com/java-fork-join>
- <http://www.concretelocation.com/java/jdk-8>
- <https://ocpjava.wordpress.com/presentations/>
- <http://www.java2s.com/Tutorials/Java/java.util.stream.Collectors/>

■ Study notes

- <https://gist.github.com/djangofan/9695f932f8d9666426da6ae3defc13db>

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Why Getting this Certification ?

- To be a good "Java programmer", to be efficient, and to be fast, then memorization of Java API and fundamentals is necessary.
- Taking the time to get this certification is a clear signal of what my goals are and what I want to do with my career.
- This certification covers 30% more material than the 1.7 cert. People who don't have this certificate, mis-understand how difficult it is.
- Having the cert proves attention to detail, ability to learn, and organizational skills.
- Having this certification should enable me to be able to answer Java questions of any kind in a job interview.
- This certification gives me a strong foundation for deeper exploration in other areas like functional programming, Spring, data/IO work, etc.
- This certification is only the beginning of my growth. Achieving this allows me to set a higher goal to reach.

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Why Getting this Certification ?

■ Also :

- Over **87%** agree that Oracle Certification enhances their professional credibility.
- **84%** of certified students have seen their job prospects improve.
- Over **70%** say that Oracle Certification improved their earning power.
- More than **83%** find themselves to be more productive in their jobs.
- Nearly **90%** of students say they're able to provide a higher level of service.
- **80%** of students confirm that Oracle Certifications help them tackle complex issues & projects.

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