

# FRC Java Supplement 1

## Resources

Books, Videos, Tutorials, Forums

Gus Michel III

3946 Tiger Robotics – [slidellrobotics.com](http://slidellrobotics.com)

# Books

- Java for Dummies (5th Edition) - \$18 Amazon
  - Barry Burd, PhD: ISBN 0470371730
  - <http://www.amazon.com/Java-Dummies-Barry-Burd/dp/0470371730/>
- Head First Java - \$24 Amazon
  - Kathy Sierra, Bert Bates: ISBN 0596009208
  - <http://www.amazon.com/Head-First-Java-Kathy-Sierra/dp/0596009208/>
- Java in a Nutshell (5th edition) - \$27 Amazon
  - David Flanagan: ISBN 0596007736
  - <http://www.amazon.com/Java-Nutshell-5th-David-Flanagan/dp/0596007736/>

# Online/Downloadable Books

- <http://math.hws.edu/javanotes/>
  - Introduction to Programming Using Java, Sixth Edition David J. Eck
- [http://firstforge.wpi.edu/sf/docman/do/listDocuments/projects.wpilib/docman.root.c\\_and\\_java\\_documentation](http://firstforge.wpi.edu/sf/docman/do/listDocuments/projects.wpilib/docman.root.c_and_java_documentation)
  - WPILib Documentation
- <http://www.freetechbooks.com/java-f4.html>
  - Free Tech Books
- <http://www.mindview.net/Books>
  - Mind View
- <http://journals.ecs.soton.ac.uk/java/tutorial/TOC.html>
  - The Java Tutorial

# Online Tutorials

- <http://docs.oracle.com/javase/tutorial/>
  - Oracles Official Java Tutorial
- <http://www.freejavaguide.com/corejava.htm>
  - Beginner Java Tutorial
- <http://www.java2s.com/Tutorial/Java/CatalogJava.htm>
  - Very Well Structured Tutorial/Reference

# Video Tutorials

- <http://www.youtube.com/playlist?list=PLFE2CE09D83EE3E28>
- <http://www.youtube.com/playlist?list=PL27BCE863B6A864E3>
  - TheNewBoston's Beginner and Intermediate Java Tutorials
- <http://www.youtube.com/playlist?list=PL7C2EE8A0A29B90F4>
  - BethelRobotics's Setup for FRC Java
- <http://www.youtube.com/playlist?list=PL757532488A091AEB>
  - G00dSky's Intro to Java (with future Robotics Java)

# FRC Installation/Project Links

- <http://firstforge.wpi.edu/sf/projects/wpilib>
  - FRC Java/C++ Library, WPILib, Project Page
- <http://first.wpi.edu/FRC/java/netbeans/update/updates.xml>
  - XML URL for Netbeans to update WPILibj
- <http://www.oracle.com/technetwork/java/javase/downloads/>
  - Download Java JDK and Netbeans at once

# Java Robot Source Code

Code From Various Teams That You Check Out

- <https://github.com/frc3946/ReboundRumble>
- <https://github.com/prog694/joebot>
- <https://github.com/NarwhalTeam3128/FRC2011>
- <https://github.com/klevingluo/FRC-348-2012-robot>
- <https://github.com/abrightwell/frc-team342-rebound-rumble>
- <https://github.com/vizziv/Nutrons2012>
- <https://github.com/vizziv/CameraTest>



# Online Discussion Forums

- <http://www.chiefdelphi.com/forums/forumdisplay.php?f=184>
  - ChiefDelphi's FRC Java subforum
- <http://forums.usfirst.org/forumdisplay.php?f=1534>
  - FIRST Robotics' Java subforum
- <https://forums.oracle.com/>
  - Oracle's Forum
- <http://javaprogrammingforums.com/>
- <http://www.java-forums.org/>