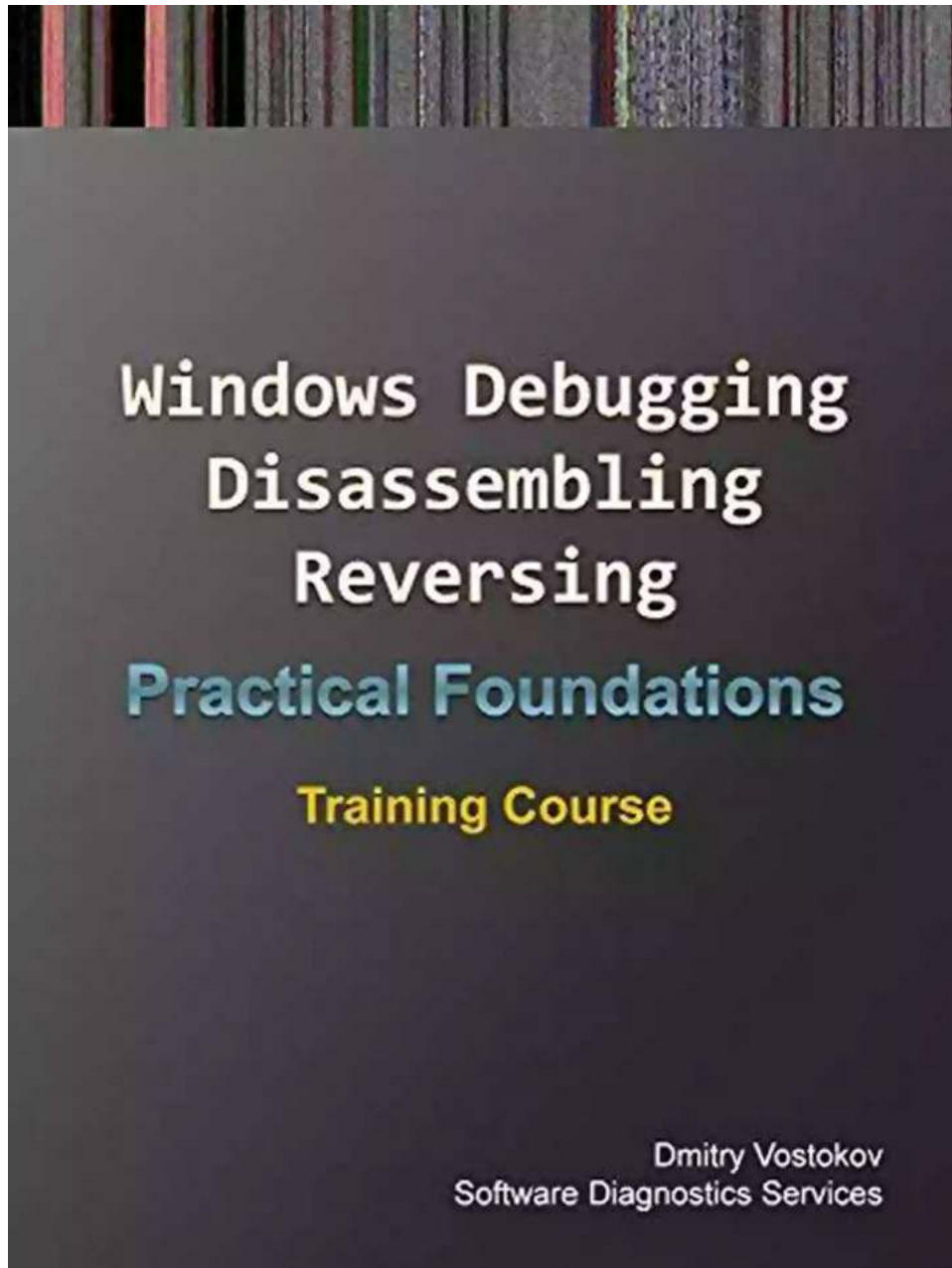


# Discover the Secrets of Debugging, Disassembling, and Reversing: The Practical Foundations Training Course

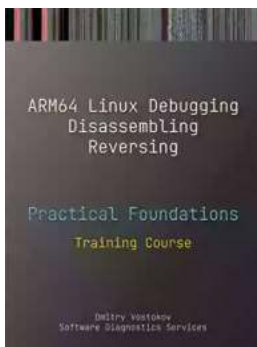


Are you ready to dive deep into the world of debugging, disassembling, and reversing? Look no further! Our Practical Foundations Training Course is here to

equip you with the essential skills and knowledge you need to become a master of software analysis.

## Unveiling the Importance of Debugging

Debugging is an integral part of software development, enabling programmers to identify and fix issues in their code. Through this training course, you will not only learn the basics of debugging but also dive into advanced techniques and tools used by industry professionals.



## Practical Foundations of ARM64 Linux Debugging, Disassembling, Reversing: Training Course (Practical Foundations of Debugging, Disassembling, Reversing)

by Alex Abramovici([Print Replica] Kindle Edition)

★★★★★ 5 out of 5

Language : English

File size : 5021 KB

Print length: 178 pages



From understanding the various types of bugs to mastering the art of stepping through code, this course will provide you with hands-on experience and practical exercises to sharpen your debugging skills. With the help of real-world case studies, you will discover how debugging enables you to improve software performance, reliability, and security.

## Mastering the Art of Disassembling

Disassembling is a powerful skill that allows you to analyze compiled software by converting machine code back into assembly language. In this training course,

we will guide you through the process of disassembling various software components and exploring their inner workings.

With an in-depth understanding of assembly language and the ability to navigate through disassembled code, you will gain insights into how software executes. By examining assembly instructions and data flow, you will uncover the secrets behind program behavior and be able to identify vulnerabilities that could potentially be exploited.

## **Cracking the Code of Reversing**

Reversing involves analyzing and understanding software at a deeper level, going beyond disassembly to reverse engineer the original source code. In this course, you will discover the art of reverse engineering and its applications in vulnerability analysis and software modification.

By exploring various reversing techniques and tools, you will learn how to identify algorithms, reconstruct data structures, and uncover hidden functionalities. Reversing allows you to gain a deeper understanding of software architecture and implement modifications or enhancements tailored to your specific needs.

## **Real-World Applications and Case Studies**

This is not just another theoretical course on debugging, disassembling, and reversing. We believe in hands-on learning, which is why our training course incorporates real-world examples and case studies.

Throughout the course, you will analyze and debug actual software, reverse engineer complex algorithms, and explore vulnerabilities in popular applications. By working on realistic scenarios, you will develop practical skills that can be immediately applied in your professional work.

## **Expert Instructors and Collaborative Learning**

Our Practical Foundations Training Course is designed and delivered by industry experts with years of experience in software analysis and reverse engineering. They will guide you through the entire process, from the fundamentals to advanced techniques, ensuring you receive comprehensive knowledge and practical insights.

You will also have the opportunity to collaborate with fellow participants, sharing experiences and learning from each other. This collaborative approach encourages the formation of a strong network within the software analysis community.

## **Who Should Attend?**

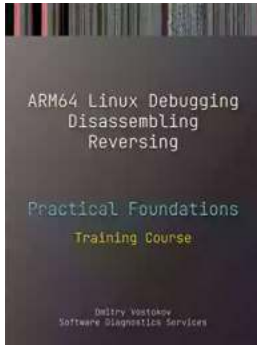
This training course is ideal for software developers, security engineers, malware analysts, and anyone interested in deepening their understanding of software analysis and reverse engineering.

## **Enroll Now and Master the Foundations of Debugging, Disassembling, and Reversing!**

Don't miss out on this valuable opportunity to upgrade your skills and broaden your horizons in the world of software analysis. Join our Practical Foundations Training Course and gain the expertise needed to excel in debugging, disassembling, and reversing!

Enroll today and embark on a journey to uncover the secrets of software analysis!

**Practical Foundations of ARM64 Linux Debugging,  
Disassembling, Reversing: Training Course  
(Practical Foundations of Debugging,**



## Disassembling, Reversing)

by Alex Abramovici([Print Replica] Kindle Edition)

★★★★★ 5 out of 5

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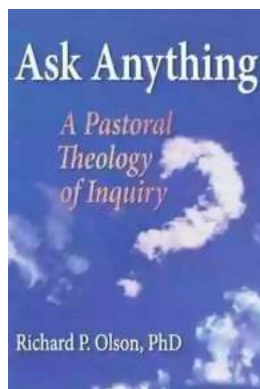
This training course is a Linux ARM64 (A64) version of the previous Practical Foundations of Linux Debugging, Disassembly, Reversing book. It also complements Accelerated Linux Core Dump Analysis training course.

The book skeleton is the same as its x64 Linux predecessor, but the content was revised entirely because of a different Linux distribution and CPU architecture.

The course is useful for:

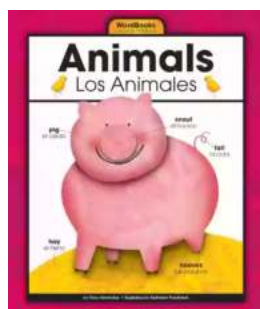
- Software support and escalation engineers, cloud security engineers, SRE, and DevSecOps;
- Software engineers coming from JVM background;
- Software testers;
- Engineers coming from non-Linux environments, for example, Windows or Mac OS X;
- Engineers coming from non-ARM environments, for example, x86/x64;
- Linux C/C++ software engineers without assembly language background;
- Security researchers without assembly language background;
- Beginners learning Linux software reverse engineering techniques.

This book can also be used as an ARM64 assembly language and Linux debugging supplement for relevant undergraduate-level courses.



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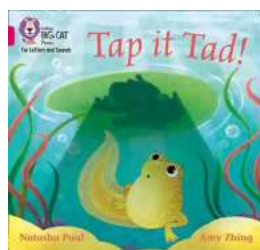
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