

# SOFTWARE AS A GARDEN

Software Development  
for Non-Developers



Tomas Tulka

# Software as a Garden: Software Development for Non-Developers

Tomas Tulka

This book is available at <https://leanpub.com/software-garden>

This version was published on 2025-08-19



© 2025 Tomas Tulka

# Contents

<b>About the Book</b>	<b>i</b>
Who Should Read This Book	i
How to Read This Book	i
What This Book Is Not About	ii
<b>About the Author</b>	<b>iii</b>
<b>Software as a Garden</b>	<b>1</b>
Software Is About Change	4
<b>Cultivating Success</b>	<b>6</b>
Collaboration	6
Growth Through Change	6
Branching Out	7
Summary	8
<b>Getting Hands Dirty</b>	<b>9</b>
Programming	9
How to Catch a Bug	10
Testing the Soil	10
Summary	12
<b>Harmony in Green</b>	<b>13</b>
Software Architecture	13
Less Is More	13
Together and Independent	14
Patterns of Nature	15
Bend but Not Break	16
Summary	17
<b>Front the Flowers</b>	<b>18</b>
Frontend Development	18
Flourishing Screens	18
Summary	20
<b>Back to the Roots</b>	<b>21</b>

Backend Development . . . . .	21
Entangled in the Web . . . . .	21
Rest in Leaves . . . . .	22
Summary . . . . .	24
<b>On the Greenway . . . . .</b>	<b>25</b>
Networking . . . . .	25
Through the Vines . . . . .	25
Summary . . . . .	29
<b>Beyond the Harvest . . . . .</b>	<b>30</b>
Data Storage . . . . .	30
Information Fields . . . . .	30
A Raindrop Away . . . . .	31
With the Current . . . . .	31
Summary . . . . .	33
<b>From Pot to Plot . . . . .</b>	<b>34</b>
Deployment . . . . .	34
In a Greenhouse . . . . .	34
To the Cloud . . . . .	35
Summary . . . . .	37
<b>Caring for the Green . . . . .</b>	<b>38</b>
Operations . . . . .	38
Evergreen . . . . .	38
At the Bedrock . . . . .	39
Summary . . . . .	41
<b>No Trespassing . . . . .</b>	<b>42</b>
Security . . . . .	42
Weeding Out . . . . .	42
Hidden in the Grass . . . . .	42
Holes in the Fence . . . . .	43
Summary . . . . .	45
<b>Grow Your Mind . . . . .</b>	<b>46</b>
<b>Appendix . . . . .</b>	<b>47</b>
Further Reading . . . . .	48
Glossary . . . . .	50
Credits . . . . .	51

# About the Book

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Who Should Read This Book

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## How to Read This Book

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## What This Book Is Not About

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# About the Author

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Software as a Garden

*Software is all about change.*

While software development is often compared to building a house due to similarities such as design and maintenance, I find this analogy lacking. It overlooks one critical detail: *software is in a constant state of change*. This continuous evolution is the essence of software—if it isn't evolving, it's either obsolete or will soon be. This is where the “soft” in software comes from: it's easy to change compared to hardware, which, like a house, is rigid.

A better analogy for software development is gardening. Just like a garden, a software system is continuously changing, evolving, and growing. Interestingly, many terms in software development, such as “bugs” (errors in software), seem to be borrowed directly from gardening!



Imagine a typical garden filled with fruit trees providing shade, vegetable beds overflowing with tomatoes and cucumbers, vibrant flowers attracting bees with their sweet fragrance, soft grass for lounging, and winding sandy paths for strolling. Creating such a space takes time, effort, and careful planning.



A gardener must determine where to place each plant for optimal sunlight, decide when to sow seeds or transplant, and consistently water, weed, and fertilize the garden.

These gardening tasks have direct parallels in software development. Just as a garden needs a vision—whether it’s to serve as a peaceful flower retreat or as a space for growing fruits and vegetables—software needs to deliver business value, fulfilling a specific purpose and functionality.

For a garden to thrive, one must follow fundamental principles: plan the layout, choose the right plants for the environment, and ensure proper soil. Similarly, software architecture must ensure that the software remains adaptable to evolving needs. Just as pruning and weeding sustain a garden’s health, maintaining software quality is essential for keeping it running smoothly and responsive to users.

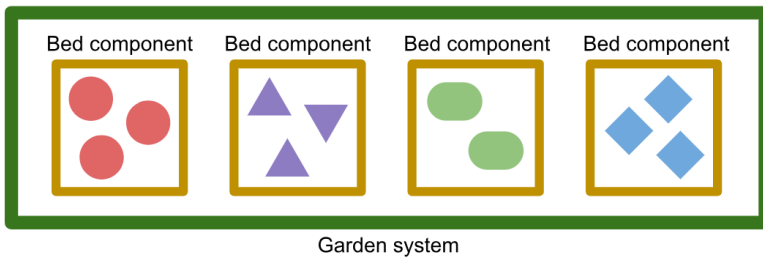
When the time comes, plants are transferred from pots to the ground or from a greenhouse to the garden—just as software is deployed and released to its users. And, just as a garden requires ongoing care—watering and fertilizing—software needs continuous attention: operating, diagnostics, and keeping it updated are crucial for its success.

A garden changes with the seasons, the weather, and as plants mature. In summer, plants can transform in just a few days: flowers bloom, leaves sprout, branches divide, and fruits ripen. Similarly, software evolves, grows, and adapts based on customer feedback, constantly improving.

Throughout this book, I’ll use the garden metaphor to simplify complex topics, making them easier to understand. The terminology used in software development can also easily be mapped to gardening.

Gardening	Software development
Planning	Architecture
Seeding	Programming
Planting	Deployment
Watering	Operations
Weeding	Security

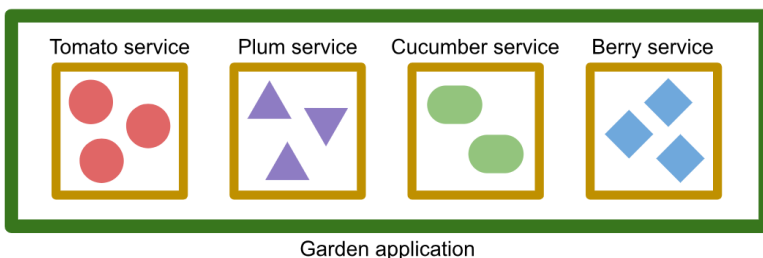
A garden is both a self-contained **system** and a *subsystem* within a larger system, such as a garden colony, landscape, or ecosystem. Unlike a **component**, which always exists as part of a larger system, both a garden and a software system are autonomous, with well-defined interfaces. For example, think of a garden bed as a component. A garden bed belongs to a garden; it would be rather surprising to find a bed of tomatoes in the woods.



*A garden as a system with components*

In this book, we'll design, implement, and deploy a simple e-commerce system—an online store, much like Amazon, but focused on gardening.

In a business context (a gardening business, for example), a system with a specific purpose (such as selling fresh fruits and vegetables) is called an *application*, while components with clear business functions are called *services*. In business contexts, systems and components are the same as applications and services.



*A garden as an application with services*

## Software Is About Change

The only garden that doesn't change constantly is a dead one. Similarly, the only software that doesn't change is the one that no one uses.

Change is vital in software development because it keeps software fresh and relevant. As technology advances and user needs evolve, software must be flexible enough to adapt. Embracing change allows developers to continuously improve, update features, and fix bugs, ensuring the software stays relevant and useful. An open approach helps integrate new tools, keeping the software competitive over time.

For software to embrace change, it must be designed for flexibility and extensibility. Extensible software can grow and evolve over time, allowing developers to add new features or modify existing ones without disrupting the system.

Following best practices and principles of high-quality software makes it easier for the software to adapt. With an open architecture, software can integrate with new technologies and expand in unforeseen ways, making it more adaptable and better equipped to meet future challenges. This approach ensures software remains innovative and able to meet evolving user needs.



Both business and software development are constantly evolving, driven by rapid advancements in technology and practices. New programming languages, tools, and concepts emerge all the time, reshaping how developers build, deploy, and operate software.

This continuous change creates a dynamic environment where staying current is essential. Developers must embrace a mindset of lifelong learning, constantly updating their skills and knowledge to keep pace with innovations, meet evolving user needs, and remain competitive in the industry.

For developers, learning isn't just a one-time thing: it's a habit that helps them grow and stay competitive as technology keeps moving forward.

Change will be a key theme in this book because software development is about learning to adapt and thrive in a constantly changing environment. If you're seeking stability, this might not be the right field for you! So, let's repeat this mantra three times:

**Software is all about change, and  
software development is all about learning!**

# Cultivating Success

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Collaboration

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Developers

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Knowledge Transfer

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Growth Through Change

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Digital Transformation

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Agile

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Branching Out

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Continuous Integration

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Git

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Libraries and Frameworks

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Getting Hands Dirty

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Programming

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Programs

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Programming Languages

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Interpreters and Compilers

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Zeros and Ones

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.



## Code Quality

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Refactoring

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## How to Catch a Bug

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Errors and Failures

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Bugs vs. Features

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Testing the Soil

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## **Unit, Integration, End-To-End**

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## **Test Coverage**

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Harmony in Green

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Software Architecture

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Technical Debt

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Legacy

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Documentation

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Architect as a Role

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Less Is More

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Complexity

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Dependencies

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Together and Independent

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Driven by Business

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Services and Microservices

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Monoliths

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Team Topologies

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Patterns of Nature

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## APIs

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Dependency Injection

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Client and Server

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Events

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Bend but Not Break

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## High Availability

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Scaling

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Resilience

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.



# Front the Flowers

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Frontend Development

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Don't Make Me Think

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## UI Components

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Flourishing Screens

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Web Pages

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Native Applications

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Back to the Roots

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Backend Development

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Entangled in the Web

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Rest in Leaves

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## REST API

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## URLs

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Methods

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Status Codes

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Headers

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Data Formats

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Cookies

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Secure HTTP

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## API Documentation

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# On the Greenway

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Networking

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Local Networks

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## The Internet

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Firewalls

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Through the Vines

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.



## Protocols

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Addressing

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Connections

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Signals

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Beyond the Harvest

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Data Storage

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Information Fields

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Databases

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## SQL

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Indexes

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Transactions

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## NoSQL

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## A Raindrop Away

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Caches

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## With the Current

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Message Brokers

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Queues and Topics

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.



# From Pot to Plot

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Deployment

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Pipelines

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Stages

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## In a Greenhouse

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Containers

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Kubernetes

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Landscaping

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## To the Cloud

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Cloud Platforms

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Pay As You Go

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## DevOps

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Shared Responsibility

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Service-Level Agreement

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Cloud Native

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Serverless

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Cloud Migration

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Caring for the Green

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Operations

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Observability

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Logging

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Metrics

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Tracing

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Evergreen

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Failover

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Backup and Replication

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Disaster Recovery

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## At the Bedrock

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Operating Systems

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Hardware

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.



# No Trespassing

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Security

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Weeding Out

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Authentication

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Authorization

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## One Login for All

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Hidden in the Grass

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Hashing

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Encryption

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Digital Signatures

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Holes in the Fence

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Denial of Service

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Hacking

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Social Engineering

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Malware

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Summary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Grow Your Mind

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

# Appendix

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Further Reading

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Garden

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Collaboration

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Programming

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Software Architecture

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Frontend Development

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Backend Development

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Networking

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Data Storage

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Deployment

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Operations

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Security

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Grow Your Mind

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.



## Glossary

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.

## Credits

This content is not available in the sample book. The book can be purchased on Leanpub at <https://leanpub.com/software-garden>.