# Contents

## Part I  What Is the Point of Architecture Evaluation?

1  Why Architecture Evaluation? ........................................ 3
2  What Is the Background of Architecture? ......................... 11
3  What Is Architecture Evaluation? ................................. 21
4  How to Perform an Architecture Evaluation? ........................ 35

## Part II  How to Evaluate Architectures Effectively and Efficiently?

5  How to Perform the Driver Integrity Check (DIC)? .............. 49
6  How to Perform the Solution Adequacy Check (SAC)? .......... 59
7  How to Perform the Documentation Quality Check (DQC)? ...... 73
8  How to Perform the Architecture Compliance Check (ACC)? .... 83
9  How to Perform the Code Quality Check (CQC)? ................. 95

## Part III  How to Apply Architecture Evaluation in Practice?

10 What Are Example Cases of Architecture Evaluation? .......... 107
11 How to Engage Management in Architecture Evaluation? ....... 127
12 How to Acquire Architecture Evaluation Skills? ................. 137
Pragmatic Evaluation of Software Architectures
Knodel, J.; Naab, M.
2016, XXIII, 154 p. 40 illus., Softcover
ISBN: 978-3-319-34176-7