Contents

Acknowledgements					
Preface					
5	Light				
	5.1	Compound names	12		
	5.2	Validators and assertions	20		
	5.3	Printers instead of getters	31		
		5.3.1 Single Responsibility Principle	36		
		5.3.2 God object	38		
		5.3.3 Code duplication	39		
		5.3.4 Utility objects	40		
		5.3.5 Polymorphic media	41		
	5.4	Private static literals	46		
	5.5	Configurable objects			
	5.6	Temporal coupling			
	5.7	Inheritance	72		
		5.7.1 Subtyping	72		
		5.7.2 Inheritance	75		
	5.8	Gradients of immutability	78		
	5.9	Law of Demeter	90		
	5.10	Algorithms	95		
6	Dar	s 1:	17		

Index			201
Epilog	ue		199
	6.5.11	Transactions	. 195
	6.5.10	UPDATE	. 193
	6.5.9	INSERT	. 192
	6.5.8	${\tt JOIN}$ and foreign keys $\ \ldots \ \ldots \ \ldots$. 189
	6.5.7	Duplicated SQL manipulations	. 187
	6.5.6	Too many round trips	. 185
	6.5.5	SQL speaking objects	. 180
	6.5.4	DTO	. 179
	6.5.3	Mapping engine	
	6.5.2	Vertical DoR	
0.5	6.5.1	Horizontal DoR	
6.5	ORM		
	6.4.8	Byte code manipulations	
	6.4.7	Serialization	
	6.4.6	Setting and getting attributes	
	6.4.5	Method invocation by name	
	6.4.4	Instantiating by class name	
	6.4.3	Annotations	
	6.4.1	Type introspection	
6.4	6.4.1	tion	
6.3	_	dency injection containers	
6.2			
	6.1.4	AOP aspects	
	6.1.3	Access control	
	6.1.2	Dependency injection	
	6.1.1	Marshalling	. 120
6.1	Annot	ations	. 118