

ㄱ					
값	380	강한 참조	677	기반 클래스	511
가변 파라미터	301	결합규칙	649, 653	기본 생성자	453, 518
값 형식	199, 456	경합 상황	922		
값 획득	331	계산 속성	476		
강제 추출 연산자	99	구조체	440		
강제 형변환	84	기명 튜플	341		

ㄴ					
내포된 함수	319	네비게이터 영역	32	논리 연산자	118
널 포인터	191	네임스페이스	95		

ㄷ					
다운캐스팅	564	델리게이션	1013	디버그 바	707
다차원 배열	287	동기	921	디버그 영역	34, 706
단항 연산자	106	동기화	923	디버깅	52
대리자 객체	1013	동적 바인딩	567	딕셔너리	380
데드락	922	동적 타이핑	553	딕셔너리 리터럴	380
데이터 비트	187	디버그 네비게이터	701		
데이터 영역	189	디버그 모드	52		

ㄹ					
라이브 렌더링	1168	로컬 저장소	847, 848	리턴형	308
락	923	리소스 경합	922	리포트 네비게이터	705
런타임	52	리시버	444	릴리즈 모드	52
레이어	1089	리터럴	48	링크	52
레지스터 변수	94	리턴 화살표	292		

ㄴ					
메모리 주소	188	멤버 생성자	519	문자소 클러스터	261
메소드	290, 486	명시적 형변환	84	문자열	75

ㄱ					
메소드 오버로딩	542	모델	1012	문자열 가변성	207
메소드 재정의	545, 547	문자	75	문자열 리터럴	76, 206
메소드 표기법	494	문자 리터럴	76, 206	뮤텍스	923
메시지 표현식	490	문자 집합	265		
메인 스레드	921, 923	문장	48		

ㄴ					
바이트	51, 186	부모 클래스	511	블록킹	921
박싱	203	부작용	121	비교 연산자	113, 646
배열	285, 344	부호 비트	187	비동기	921
배열 리터럴	344	불린 리터럴	71	비소유 참조	684
백그라운드	1039	불린 자료형	71	비트	51, 186
백그라운드 스레드	921	뷰	1012, 1022, 1089	비트 연산자	124
백그라운드 태스크	1045	뷰 애니메이션	1136	빌드	52
버전 편집기	706, 850	뷰 전환	1151	빠른 열거	417
범위 연산자	141	뷰 컨트롤러	1021		
변수	55, 61	블록	324		
보조 편집기	706	블록 주석	49		

ㄷ					
사용자 정의 연산자	648	서브스크립트 문법	287	숫자 리터럴	64
산술 연산자	106	서브스크립트 오버로딩	543	숫자 자료형	64
산술 오버플로우	112	서브클래스	511	스레드	921
삼항 연산자	106	설정 번들	1025	스레드 안정성	922
상속	511	세마포어	923	스택	189
상수	60, 61	셀렉터	494	스토리보드	749
상위 클래스	511	셋	399	시뮬레이터	812
샌드박스	1023	소멸자	535	식별자	50
생성자 델리게이션	526	소스 컨트롤	847	실수 자료형	69
생성자 메소드	520	소스 코드 편집기	726	심벌 네비게이터	697
생성자 상속	534	소유 정책	670	싱글톤	1014

人					
생성자 오버로딩	543	속성	461		
생성자 재정의	551	속성 감시자	482		
서브스크립트	497	속성 재정의	549		

o					
아스키코드	209	옵셔널	97	익스텐션	609
알리아스	78	옵셔널 바인딩	100	인라인 주석	49
애셋 카탈로그	806	옵셔널 체이닝	507	인스턴스 메소드	486, 492
앱 번들	1023	옵셔널 형식	97	인스턴스 변수	461
약한 참조	682	완료 블록	947	인스트루먼트	826
언박싱	203	외부 변수	92	인자	296
업캐스팅	564	원격 저장소	847, 853	인자 레이블	298
연관 값	437	원시 값	430, 435	인코딩	264
연관 형식	635	유니버설 리소스	807	인터페이스 빌더	748
연산자	106	유니코드	260	인트로스펙션	555
연산자 우선순위	143, 649, 652	유니코드 스칼라	260	일급 객체	53
연산자 함수	330, 640	유틸리티 영역	711	일급 시민	53
열거형	429	음역	254	임계 영역	922, 923
예약어	50	이름 공간	95	입출력 파라미터	307
오버라이딩	544	이름 정의 규칙	57		
오버로딩	538	이슈 네비게이터	700		
오버플로우 연산자	112	이항 연산자	106		
오토 레이아웃	878	익명 튜플	337		

x					
자동완성	729	정수 자료형	66	주석	49, 729
자동해제 풀	675	정적 바인딩	567	주소 레지스터	188
자료형	63	정적 변수	91	주소 연산자	190
자식 클래스	511	정적 분석기	823	중단점 네비게이터	704
저장 속성	473	정적 타이핑	553	지속적인 통합	857
저장소	847	제네릭	620	지역 변수	89

ㄷ					
전역 변수	92	제스처	820	지연 로딩 패턴	472
전처리기	657	제약	880	지연 속성	472
점프 바	722	조건 연산자	138	지연 저장 속성	474
접근자 메소드	463, 471	종속성	946	지정 생성자	524
정수 승급	83	좌표 체계	1113	진입점 함수	16

ㄸ					
참조 사이클	685	초기화	51, 58, 60	최상위 클래스	511
참조 형식	201, 456	최상위 비트	187	최하위 비트	187

ㅋ					
카테고리	609	코드 유닛	261	클래스 전방 선언	449
컨트롤러	1012	코드 조각	714	클로저	327
컬렉션	342	코드 포인트	260	클로저 캡처 목록	687
컴파일	51	코코아	53	키	380
컴파일 타임	52	클래스	440, 443		
코드 영역	189	클래스 객체	459		

ㅌ					
테스트 네비게이터	701	툴바	32	트레일링 클로저	331
토큰	47	튜플	337	특수화	628

표					
파라미터	294	포인터	189	프로토콜	570
파생 클래스	511	포인터 연산	192	프로토콜 형식	585
팩토리 메소드	459, 673	포인트	1076	프로토타입	313
편의 생성자	524	표준 편집기	706	플레이그라운드	736
편집기 영역	33, 705	표현식	47	픽셀	1076
포그라운드	1039	프레임워크	53	필수 생성자	534
포맷 지정자	256	프로젝트 네비게이터	696		

증					
하드웨어 키보드	819	함수 형식	315	형식 제약	626
하위 클래스	511	항등 연산자	116, 647	형식 추론	82, 18
한 줄 주석	49	헝가리안 표기법	57	형식 파라미터	627
할당 연산자	129	헤더 파일 상호 참조	449	힙	189
함수	290	형변환	83		
함수 시그니처	538	형식 속성	479		

A			
ABS	660	appendFormat:	220
Accessor Method	463, 471	appendFormat(_:)	220
Action	785, 790, 1014	appendString:	220
Action Button	690	appendString(_:)	220
activate	900	Apple Pay	817
Activity Monitor Template	831	Application Life Cycle	1039
Activity Viewer	692	applicationState	1044
Actual Parameter	297	ARC Converter	1180
add(_:)	358	ARC(Automatic Reference Counting)	669, 677
addCharactersInString:	268	arch()	665
addCharactersInString(_:)	268	Argument	296
addConstraint:	904	Argument Label	298
addConstraint(_:)	904	Arithmetic Operator	106
addConstraints:	905	Array	285, 344
addConstraints(_:)	905	Array Literal	344
addDependency:	946	Array(_:)	345
addDependency(_:)	946	ArraySlice	379
Addition Assignment Operator	132	arrayWithObjects:	345
Addition Operator	107	as 연산자	566, 593
AdditionPrecedence	650	as! 연산자	566
Additive Inverse Operator	107	as? 연산자	566

A			
addObject:	358, 403	ASCII	209
addObject(_:)	358, 404	Asset Catalog	806
addObjects(from:)	404	assign	467
addObjectsFromArray:	403	Assignment Operator	129
addObjectsFromArray(_:)	404	AssignmentPrecedence	650
addOperation:	948	Assistant Editor	706
addOperations(_:waitUntilFinished:)	948	Associated Type	635
addOperationWithBlock(_:)	948	Associated Value	437
addOperaton(_:)	948	associatedtype	635
addSubview:	1099	associativity	649, 653
addSubview(_:)	1099	async(_:)	977
advancedBy()	225	async(group:)	982
Align	768	asyncAfter(deadline:qos:flags:execute:)	980
Alignment Rectangle	804	Asynchronous	921
allKeys	385	atomic	467
allKeys(for:)	387	Attributes Inspector	800
allKeysForObject:	387	auto	89
allKeysForObject(_:)	387	Auto Layout	878
alloc	452	Automatic Constraint	883
Allocations Instrument	833	Automatic Synchronization	1031
Allocations Template	831	autorelease	670
allValues	385	Autorelease Pool	675
alpha	1115, 802	autoreleasepool	675
Any	81, 554	AutoreleasingUnsafeMutablePointer	195
AnyObject	80, 554	Autoresizing	804
anyObject	400	Autoresizing Mask	804
anyObject()	401	Availability Condition	1082
API	53	availableStringEncodings	264
API Availability	1080	availableStringEncodings()	264
App Bundle	1023		

A			
App Delegate	1021		
App Icon Set	808		
append(_:)	222, 358		
appendContentsOf(_:)	222		

B			
Background	1039	Bitwise XOR Assignment Operator	136
Background Mode	1051	Bitwise XOR Operator	126
Background Task	1045	BitwiseShiftPrecedence	650
Background Thread	921	Blame View	850
backgroundColor	803	Block	324
backgroundTimeRemaining	1046	Block Comment	49
Base Class	511	Blocking	921
Basic Assignment Operator	132	BOOL	71
becomeFirstResponder	1071	bool	71
becomeFirstResponder()	1071	Bool	71
beginBackgroundTask(expirationHandler:)	1046	borderColor	1096
beginBackgroundTaskWithExpirationHandler:	1045	Bot	862
beginBackgroundTaskWithExpirationHandler(_:)	1045	Bot Viewer	872
Bit	51	Bots Website	874
Bitbucket	854	bounds	1087, 1114
Bitwise AND Assignment Operator	135	Branch	851
Bitwise AND Operator	125	break	175
Bitwise Left Shift Assignment Operator	136	Breakpoint Navigator	704
Bitwise Left Shift Operator	128	brightness	1088
Bitwise NOT Operator	127	bringSubviewToFront:	1099
Bitwise Operator	124	bringSubviewToFront(_:)	1099
Bitwise OR Assignment Operator	135	Byte	51
Bitwise OR Operator	126	Byte Order	188

B			
Bitwise Right Shift Assignment Operator	137		
Bitwise Right Shift Operator	128		

C			
Call by Reference	304, 457	components(separatedBy:)	238, 269
Call by Value	304	componentsJoined(by:)	378
canBeConverted(to:)	265	componentsJoinedByString:	378
canBeConvertedToEncoding:	265	componentsJoinedByString(_:)	378
canBeConvertedToEncoding(_:)	265	componentsSeparatedByCharactersInSet:	269
cancel	948	componentsSeparatedByCharactersInSet(_:)	269
cancel()	948	componentsSeparatedByString:	237
cancelAllOperations	948	componentsSeparatedByString(_:)	238
cancelAllOperations()	948	Compression Resistance	882
cancelled	928	Computed Property	476
canOpenURL:	1053	Concurrent Dispatch Queue	974
canOpenURL(_:)	1053	Concurrent Operation	943
Canvas	749, 753	Concurrent Task	921
capacity	379	concurrentPerform(iterations:execute:)	980
capitalized	252	conforms(to:)	561
capitalizedString	251	conformsToProtocol:	561, 592
Capture Value	331	conformsToProtocol(_:)	561
case	168, 433	Connection Well	727, 789
caseInsensitiveCompare:	215	Connections Panel	794
caseInsensitiveCompare(_:)	215	Console	710
CastingPrecedence	650	const	191
Category	609	constant	898
CBool	195	Constraints	880
CChar	195	Container Scene	770
CDouble	195	contains(_:)	238, 350, 352, 386, 391, 401

C			
center	1114	contains(where:)	352, 391
CFloat	195	containsObject:	350, 386, 401
CGAffineTransformIdentity	1115	containsObject(_:)	350, 402
char	67	containsString:	238
char *	77	containsString(_:)	238
Character	77	Content Hugging	882
Character	209	Content Mode	1098, 1125
character(at:)	223	Content Scene	770
characterAtIndex:	223	contentMode	802, 1125
characterAtIndex(_:)	223	ContiguousArray	379
characters	227	continue	178
characterSetWithCharacters InString:	269	Controller	1012
Check Out	847, 856	convenience	525
CI(Continuous Integration)	857	Convenience_INITIALIZER	524
CInt	195	Coordinate System	1113
Class	80, 440, 443	copy	467
class	451, 479, 494	Copy by Value	457
Class Object	459	copy-on-write 전략	207, 344, 457
clipsToBounds	1114	Core OS Layer	1020
CLong	195	Core Services Layer	1018
CLongLong	195	cornerRadius	1096
Closed Range Operator	141	count	210, 346, 382, 400
Closure	327	count(for:)	416
Closure Capture List	687	countForObject:	415
Cocoa Touch Layer	1016	countForObject(_:)	416
Code Completion	729	Coupling	319
Code folding	728	Critical Section	922, 923
Code folding Ribbon	728	CShort	195
Code Snippet Library	714	CUnsignedChar	195
Collection	342	CUnsignedInt	195

C			
Comment	49, 729	CUnsignedLong	195
Commit	847, 849	CUnsignedLongLong	195
compare:	214, 455	CUnsignedShort	195
compare:options:	241	currentDevice	1079
compare:options:range:	217	Custom Operation	945
compare(_:)	214	Custom Operator	648
compare(_:options:)	241	Custom Segue	774
compare(_:options:range:)	217	Custom URL Scheme	1060
Comparison Operator	113, 646	Custom View	1160
Comparison View	850		
ComparisonPrecedence	650		
Compile	51		
Completion Block	947		
completionBlock	947		

D			
Data Bit	187	dispatch_get_global_queue()	974, 976
Data Set	809	dispatch_get_main_queue()	973
DBL_MAX	69	dispatch_group_async()	982
DBL_MIN	69	dispatch_group_create()	981
Dead Store	823	dispatch_group_notify()	983
Deadlock	922	dispatch_group_t	981
dealloc	535	dispatch_group_wait()	982
DEBUG	1086	dispatch_once()	1014
Debug Area	34, 706	dispatch_queue_attr_make_with_qos_class()	976
Debug Bar	707	DISPATCH_QUEUE_CONCURRENT	974
Debug Navigator	701	dispatch_queue_create()	973, 974
debugPrint(_:)	44	dispatch_queue_get_qos_class()	976
Declared Property	465	DISPATCH_QUEUE_SERIAL	973
Decrement Operator	111	dispatch_resume()	981
DefaultPrecedence	651	dispatch_semaphore_create()	984

D			
defined()	662	dispatch_semaphore_signal()	984
deinit	535	dispatch_semaphore_t	984
Deinitializer	535	dispatch_semaphore_wait()	984
Delegation	1013	dispatch_suspend()	981
deleteCharacters(in:)	234	dispatch_sync()	977
deleteCharactersInRange:	233	dispatch_time()	980
deleteCharactersInRange(_:)	234	DispatchGroup	981
Dependency	946	DispatchQueue(label:)	973
Deployment Target	1077	DispatchQueue(label:attribu tes:)	975
Derived Class	511	DispatchQueue(label:qos:att ributes:)	976
Designated Initializer	524	DispatchSemaphore	984
detachNewThread(_:)	928	DispatchSemaphore(value:)	984
detachNewThreadSelector:to Target:withObject:	927	DispatchTime	980
detachNewThreadSelector(_: toTarget:with:)	927	DispatchWorkItem	986
detachNewThreadSelector(_: toTarget:withObject:)	927	Division Assignment Operator	134
detachNewThreadWithBlock:	928	Division Operator	108
detachNewThreadWithBlock(_ :)	928	do-while 반복문	155
Detail Pane	830	double	69
Dictionary	380	Double	69
Dictionary Literal	380	Downcasting	564
dictionaryWithObjects:forK eys:	382	drawRect:	1160
dictionaryWithObjectsAndKe ys:	382	drawRect(_:)	1160
didSet	482	dropFirst(_:)	374
Dispatch Group	981	dropFirst()	374
Dispatch Queue	972	dropLast(_:)	374
Dispatch Semaphore	984	dropLast()	374
dispatch_after()	980	Dynamic Binding	567
dispatch_apply()	979	Dynamic Typing	553

D			
dispatch_async()	977		

E			
Edit All in Scope	733	Enumeration	429
Editor Area	33, 705	Equal To Operator	113
Editor Configuration Button	692	Equatable	626
elementsEqual(_:)	407	EXC_BAD_ACCESS	191
elementsEqual(_:isEqualEnt:)	357, 394	exchangeSubview(at:withSubviewAt:)	1099
Encoding	264	exchangeSubviewAtIndex:withSubviewAtIndex:	1099
endBackgroundTask:	1045	exclusiveOr(_:)	414
endBackgroundTask(_:)	1045	exclusiveOrInPlace(_:)	414
Endianness	188	Exponential Growth 전략	207, 379
endIndex	224, 348	Expression	47
Energy Log Template	831	Extension	609
enum	429, 433	extension	614
enumerate()	420	extern	93
enumerated()	420	External Display	819
enumerateKeysAndObjectsUsingBlock:	424	External Linkage	93
enumerateKeysAndObjectsWithOptions:usingBlock:	424	Extra View	760
enumerateObjectsUsingBlock:	421		
enumerateObjectsWithOptions:usingBlock:	421		

F			
Factory Method	459, 673	firstAttribute	896
Failable Initializer	530	firstItem	896
fallthrough	169, 172	firstObject	349
false	71	Fix-it	728
Fast Enumeration	417	float	69

F			
File Inspector	713, 795	Float	69
File Scope	93	FLT_MAX	69
File Template Library	714	FLT_MIN	69
filter(_:)	391, 403	for 반복문	147
filter(using:)	352, 403	for-in 반복문	151
filtered(using:)	352, 402	Foreground	1039
filteredArrayUsingPredicate:	351	Formal Parameter	296
filteredArrayUsingPredicate(_:)	352	formIntersection(_:)	411
filteredSetUsingPredicate:	402	formSymmetricDifference(_:)	415
filteredSetUsingPredicate(_:)	403	formUnion(_:)	413
filterUsingPredicate:	351, 402	frame	1114
filterUsingPredicate(_:)	352, 403	Frame Rectangle	804
final	513, 553	func	292, 486, 641
Final Class	513	Function	290
Find Navigator	698	Function Signature	538
first	349	Function Type	315
First-class Citizen	53		

G			
GCD (Grand Central Dispatch)	972	global(priority:)	974
Gesture	820	Grapheme Cluster	261
Gesture Recognizer	1161	Greater Than Operator	115
getter	463, 467	Greater Than or Equal To Operator	116
Git	847	guard	165
Github	853	Guide	767
Global Queue	974	Gutter	727
Global Scope	93		

H			
Half-Open Range Operator	142	hasSuffix:	218
Hardware Keyboard	819	hasSuffix(_:)	218
Hashable	380	Heap	189
hasPrefix:	218	Hex Editor	726
hasPrefix(_:)	218	hidden	803, 1115

I			
IB_DESIGNABLE	1168	Int16	67
id	79, 554	Int32	67
Identifier	50, 900	Int64	67
Identity Inspector	798	Int8	67
Identity Operator	116, 647	integerValue	253
Idle Timer	1052	Interface Builder	748
idleTimerDisabled	1052	Internal Linkage	93
if 조건문	160	intersect(_:)	411
Image Set	809	intersectInPlace(_:)	411
Implicit Unwrapped Optional	100	intersection(_:)	411
Implicit Unwrapping	100	intersectsSet:	410
import	41	intersectsSet(_:)	410
In-Call Status Bar	818	Intrinsic Content Size	881
Increment Operator	109	Introspection	555
index(_:offsetBy:)	226	is 연산자	563, 592
index(after:)	225	isCancelled	929
index(before:)	224	isDescendant(of:)	1098
index(of:)	351	isDisjoint(with:)	411
indexOfObject(_:)	350, 351	isDisjointWith(_:)	411
infix	644, 649	isEmpty	211, 347, 382, 401
Infix Operator	106	isEqual:	453
Info.plist	1023	isEqual(_:)	453
Inheritance	511	isEqual(to:)	274, 279, 354, 392, 407

I			
init	452, 518, 523	isEqualToArray:	354
Initial View Controiller	751	isEqualToArray(_:)	355
Initializer Delegation	526	isEqualToDictionary:	392
Initializer Overloading	543	isEqualToDictionary(_:)	392
Initializer Overriding	551	isEqualToNumber:	274
initWithCoder:	1160	isEqualToNumber(_:)	274
initWithCoder(_:)	1160	isEqualToSet:	406
initWithFrame:	1160	isEqualToSet(_:)	407
initWithFrame(_:)	1160	isEqualToString:	212
initWithTarget:selector:object:	927	isEqualToString(_:)	212
Inline Comment	49	isEqualToValue:	279
inout	307	isEqualToValue(_:)	279
Inout Parameter	307	isIdleTimerDisabled	1052
insert(_:)	405	isKind(of:)	559
insert(_:at:)	228, 358	isKindOfClass:	559
insert(_:atIndex:)	229	isKindOfClass(_:)	559
insert(charactersIn:)	268	isMainThread	929
insertContentsOf(_:at:)	229	isMainThread()	929
insertObject:atIndex:	358	isMember(of:)	558
insertObject(_:atIndex:)	358	isMemberOfClass:	557
insertString:atIndex:	228	isMemberOfClass(_:)	558
insertString(_:atIndex:)	228	isOperatingSystemAtLeastVersion:	1080
insertSubview:aboveSubview:	1099	isOperatingSystemAtLeastVersion(_:)	1080
insertSubview:atIndex:	1099	isStrictSubset(of:)	409
insertSubview:belowSubview:	1099	isStrictSubsetOf(_:)	409
insertSubview(_:aboveSubview:)	1099	isStrictSuperset(of:)	409
insertSubview(_:at:)	1099	isStrictSupersetOf(_:)	410
insertSubview(_:belowSubview:)	1099	isSubclass(of:)	560
Inspector Pane	831	isSubclassOfClass:	560

I			
Instance Method	486, 492	isSubclassOfClass(_:)	560
Instance Variable	461	isSubset(of:)	408
instancesRespond(to:)	562	isSubsetOfSet:	408
instancesRespondToSelector:	561	isSubsetOfSet(_:)	408
instancesRespondToSelector(_:)	562	Issue Navigator	700
Instruments	826	Issue Path	824
Instruments Pane	830	isSuperset(of:)	409
int	67	isSupersetOf(_:)	409
Int	67		
INT_MAX	68		
INT_MIN	68		

J			
joined(separator:)	378	Jump Bar	722
joinWithSeparator(_:)	378		

K			
Key	380	keysOfEntriesPassingTest:	388
Keyboard Type	1071	keysOfEntriesPassingTest(_:)	388
keyEnumerator	423	keyWindow	1088
keys	385	Keyword	50
keysOfEntries(options:passingTest:)	388		

L			
Labeled Statements	181	locale	283
last	349	Locale(identifier:)	283
lastObject	349	localeWithLocaleIdentifier:	283
Layer	1089	localizedName(of:)	264
layer	1089	localizedNameOfStringEncoding:	264

L			
lazy	474	localizedNameOfStringEncoding(_:)	264
Lazy Loading Pattern	472	location	239
Lazy Property	472	Lock	923
Lazy Stored Property	474	Log View	850
LazyMapCollection	385	Logical AND Operator	119
Leaks Instrument	836	Logical Negation Operator	120
Leaks Template	832	Logical Operator	118
length	210, 239	Logical OR Operator	119
Less Than Operator	114	LogicalConjunctionPrecedence	650
Less Than or Equal To Operator	115	LogicalDisjunctionPrecedence	650
let	60	long	67
Lightweight Generics	620	lowercased()	252
Link	52	lowercaseString	251
Literal	48	LSB(Least Significant Bit)	187
Live Issue	728		
Live Rendering	1168		
Local Repository	847, 848		
Local Scope	92		

M			
macOS Server	857	metrics	916
Macro Continuation Operator	659	min	68
main 함수	16, 37	MIN	660
Main Dispatch Queue	973	minorVersion	1079
Main Interface	752	minus(_:)	413
Main Screen	1087	minusSet:	413
Main Thread	921, 923	minusSet(_:)	413
mainQueue	948	Misplaced Views	885
mainQueue()	948	Model	1012
mainScreen	1087	Model-View-Controller (MVC)	1012

M			
majorVersion	1079	Modern Objective-C Converter	1182
map(_:)	378	Modulo Assignment Operator	134
Markup	745	Modulo Operator	109
max	68	MRC(Manual Reference Counting)	669, 671
MAX	660	MRR(Manual Retain Release)	669, 671
maxConcurrentOperationCount	948	MSB(Most Significant Bit)	187
Media Layer	1017	multipleTouchEnabled	802
Media Library	718	Multiplication Assignment Operator	133
Memberwise Initializer	519	Multiplication Operator	108
memory	196, 390	MultiplicationPrecedence	650
Merge	852	multiplier	898
Method	290, 486	mutating	492, 575
Method Overloading	542	Mutex	923
Method Overriding	545, 547	Mutual Exclusion Lock	923
Metric Binding	914		

N			
Named Tuple	340	NSNumberFormatter	280
nativeBounds	1087	NSNumbericSearch	246
Navigation Bar	830	NSObject	446, 511
Navigation Chooser	720	NSOperatingSystemVersion	1079
Navigator Area	32, 694	NSOperation	943
Nested Function	319	NSOperationQueue	943, 948
new	452	NSOperationQueuePriority	947
newValue	482	NSPredicate	351, 402
nextObject	423	NSPredicate(format:)	352, 402
Nil Coalescing Operator	139	NSProcessInfo	1079
NilCoalescingPrecedence	650	NSQualityOfService	924
NO	71, 660	NSRange	223
Non-Concurrent Operation	943	NSRangeException	223, 348

N			
nonatomic	467	NSRegularExpressionSearch	250
Not Equal To Operator	114	NSSet	399
NOT Operator	120	NSSet()	400
notify(queue:execute:)	983	NSSet(array:)	400
NS_DESIGNATED_INITIALIZER	524	NSSet(objects:)	400
NS_ENUM	431	NSSet(set:)	400
NSAnchoredSearch	245	NSSortDescriptor	369
NSArray	344	NSString	77, 207
NSArray(objects:)	345	NSString.CompareOptions	240
NSAutoreleasePool	675	NSString.CompareOptions.anchored	245
NSBackwardsSearch	244	NSString.CompareOptions.backwards	244
NSBlockOperation	943, 944	NSString.CompareOptions.caseInsensitive	241
NSCaseInsensitiveSearch	241	NSString.CompareOptions.CaseInsensitiveSearch	241
NSCharacterSet	265	NSString.CompareOptions.diacriticInsensitive	247
NSComparisonResult	213	NSString.CompareOptions.forcedOrdering	249
NSCopying	380	NSString.CompareOptions.literal	242
NSCountedSet	415	NSString.CompareOptions.numeric	246
NSDiacriticInsensitiveSearch	247	NSString.CompareOptions.regularExpression	250
NSDictionaryOfVariableBindings	911	NSString.CompareOptions.widthInsensitive	248
NSEnumerator	417	NSString(format:)	256
NSFastEnumeration	417	NSStringCompareOptions	240
NSForcedOrderingSearch	249	NSStringCompareOptions.AnchoredSearch	245
NSFoundationVersionNumber	1078	NSStringCompareOptions.BackwardsSearch	244
NSGenericException	424	NSStringCompareOptions.DiacriticInsensitiveSearch	247
NSInvocationOperation	943, 944	NSStringCompareOptions.ForcedOrderingSearch	249
NSLayoutAttribute	901	NSStringCompareOptions.LiteralSearch	242

N			
NSLayoutConstraint	896	NSStringCompareOptions.NumericSearch	246
NSLayoutRelation	901	NSStringCompareOptions.RegularExpressionSearch	250
NSLiteralSearch	242	NSStringCompareOptions.WidthInsensitiveSearch	248
NSLocal(localIdentifier:)	283	NSThread	926
NSLock	924	NSThread(target:selector:object:)	927
NSLog()	38	NSURLIsExcludedFromBackupKey	1035
NSMakeRange()	223	NSUserDefaults	1030
NSMutableArray	344	NSValue	204, 275
NSMutableDictionary	380	NSWidthInsensitiveSearch	248
NSMutableSet	399	NULL	660
NSMutableString	207	NULL Pointer	191
NSNotFound	239	numberStyle	281
NSNull	279		
NSNumber	204, 271		

O			
objc_subclassing_restricted	514	operationCount	948
Object Library	718	operations	948
object(at:)	347	operator	649
object(forKey:)	383	Operator Function	640
objectAtIndex:	347	optional	574
objectAtIndex(_:)	347	Optional	97
objectEnumerator	423	Optional Binding	100
objectForKey:	383	Optional Chaining	507
objectForKey(_:)	383	Optional Type	97
Objective-C bridging Header	1187	os()	664
oldValue	482	Outlet	785, 1014
On-demand Drawing Model	1125	Outline View	749, 762
opaque	803, 1098	Overflow Addition Operator	112

O			
Open Quickly	721	Overflow Multiplication Operator	112
openURL:	1053	Overflow Operator	112
openURL:options:completionHandler:	1053	Overflow Subtraction Operator	112
openURL(_:)	1053	Overloading	538
openURL(_:options:completionHandler:)	1053	override	544
operatingSystemVersion	1079	Overriding	544
Operation	943	Ownership Policy	670
Operation Queue	943, 948		
Operation.QueuePriority	947		

P			
Parameter	294	Prefix Operator	106
Parameter Name	298	prefix(_:)	374
patchVersion	1079	prefixThrough(_:)	374
Pixel	1076	prefixUpTo(_:)	374
Placeholder	714	Preprocessor	657
Playground	45, 736	Present as Popover Segue	774
Playground Literal	741	Present Modally Segue	774
Playground Page	746	print(_:)	43
Point	1076	priority	899
pointee	196, 390	Project Navigator	696
Pointer	189	Property	461
popLast()	366	Property Observer	482
postfix	642, 649	Property Overriding	549
Postfix Operator	106	Protocol	570, 573
Potential Leak	823	Protocol Composition	599
precedence	649, 652	Protocol Type	585
precedencegroup	649	Prototype	313
predecessor()	224	Pull	847
Predicate(format:)	352	Push	847

P			
prefix	641, 649		

Q			
qos	976	Queue Priority	947
qos_calss_self()	976	queuePriority	947
qos_class_main()	976	Quick Help Inspector	713, 798
Quality Of Service (QoS)	924, 975	Quick Look	738
QualityOfService	924		
qualityOfService	947		

R			
Race Condition	922	removeObjectAtIndex(_:)	363
Range Operator	141	removeObjectForKey:	397
range(of:)	233, 239	removeObjectForKey(_:)	398
Range<Index>	226	removeObjectForKeys:	397
RangeFormationPrecedence	650	removeObjects(forKeys:)	398
rangeOfCharacter(from:)	267	removeObjects(in:)	363
rangeOfCharacter(from:options:)	267	removeObjectsForKeys(_:)	398
rangeOfCharacterFromSet:	266	removeObjectsInRange:	363
rangeOfCharacterFromSet:options:	266	removeObjectsInRange(_:)	363
rangeOfCharacterFromSet(_:)	266	removeRange(_:)	234
rangeOfCharacterFromSet(_:options:)	266	removeSubrange(_:)	234
rangeOfString:	238	removeValue(forKey:)	398
rangeOfString(_:)	239	removeValueForKey(_:)	398
rangeOfString()	233	repeat-while 반복문	156
Raw Value	430, 435	replaceObject(at:with:)	359
rawValue	437	replaceObjectAtIndex:withObject:	359
readonly	467	replaceObjectAtIndex(_:withObject:)	359
readwrite	467	replaceObjects(in:withObjectsFrom:)	360

R			
Receiver	444	replaceObjectsInRange:withObjectsFromArray:	360
Refactor	734	replaceObjectsInRange(_:withObjectsFromArray:)	360
register	94	replaceRange(_:with:)	233, 360
Reification	625	replaceSubrange(_:with:)	233, 360
relation	898	replacingCharacters(in:with:)	231
Relationship Connection	771	replacingOccurrences(of:with:)	230
release	670	replacingOccurrences(of:with:options:range:)	231
Remote Controller	818	Report Navigator	705
Remote Repository	847, 853	Repository	847
remove(_:)	364, 405	required	534
remove(_:in:)	365	Required Initializer	534
remove(at:)	235, 365	reserveCapacity(_:)	380
remove(charactersIn:)	268	Reserved Word	50
removeAll()	399	resignFirstResponder	1071
removeAll(keepCapacity:)	234, 366, 399, 406	resignFirstResponder()	1071
removeAll(keepingCapacity:)	234, 366, 399, 406	Resizable Image	807
removeAllObjects	363, 397, 405	Resolve Auto Layout Issues	885
removeAllObjects()	363, 406	Resource Contention	922
removeAtIndex(_:)	235, 365	responds(to:)	562
removeCharactersInString:	268	respondsToSelector:	561
removeCharactersInString(_:)	268	respondsToSelector(_:)	562
removeDependency:	946	Results Sidebar	738
removeDependency(_:)	946	resume()	981
removeFirst(_:)	366	retain	670
removeFirst()	366	Retain Cycle	685
removeFromSuperview	1099	return	38, 180, 309
removeFromSuperview()	1099	Return Arrow	292
removeLast()	366	reverse()	153, 373, 419

R			
removeLastObject	363	reversed()	153, 373, 419
removeLastObject()	363	reverseObjectEnumerator	419
removeObject:	364, 405	Revision	847
removeObject:inRange:	365	Root Class	511
removeObject(_:)	364, 405	Run Destination	691
removeObject(_:inRange:)	365	Run Mode	737
removeObject(at:)	363		
removeObject(forKey:)	398		
removeObjectAtIndex:	362		

S			
Sandbox	1023	start()	927
scale	1076, 1088	startIndex	224, 348
scale factor	1076, 1088	Statement	48
Scene	749, 756	static	91, 479, 494
Scene Dock	758	Static Analyzer	823
Scheme Menu	691	Static Binding	567
SCM(Source Control Management)	847	Static Typing	553
Screen	1087	stop	389
screens	1087	Stored Property	473
Secondary Thread	921	Storyboard	749
secondAttribute	896	Storyboard Reference	778
secondItem	896	String	77, 207
Segue	749, 774	String Interpolation	255
SEL	80, 495	String Reference	677
Selector	81, 494	String.Index	224
Semaphore	923	String()	208
Sender	444	String(format:)	256
sendSubviewToBack:	1099	string(from:)	283
sendSubviewToBack(_:)	1099	String(stringLiteral:)	208
SequenceType	417	stringByAppendingFormat:	220

S			
Serial Dispatch Queue	973	stringByAppendingFormat(_:)	220
Serial Task	921	stringByAppendingString:	219
Set	399	stringByAppendingString(_:)	219
Set-to-zero Initialization	518	stringByApplyingTransform:reverse:	254
setArray:	362	stringByReplacingCharactersInRange:withString:	230
setArray(_:)	362	stringByReplacingCharactersInRange(_:withString:)	231
setCompletionBlock:	947	stringByReplacingOccurrencesOfString:withString:	230
setNeedsDisplay	1125	stringByReplacingOccurrencesOfString:withString:options:range:	230
setNeedsDisplay()	1125	stringByReplacingOccurrencesOfString(_:withString:)	230
setNeedsDisplayInRect:	1125	stringByReplacingOccurrencesOfString(_:withString:options:range:)	231
setNeedsDisplayInRect(_:)	1125	stringByTrimmingCharactersInSet:	267
setObject(_:forKey:)	395	stringByTrimmingCharactersInSet()	267
setString:	221	stringFromNumber:	282
setString(_:)	221	stringFromNumber(_:)	282
setter	463, 467	Stringizing Operator	663
Setting Bundle	1025	stringWithFormat:	255
setTranslatesAutoresizingMaskIntoConstraints(_:)	904	stringWithString:	208
setWithArray:	400	strong	467
setWithObjects:	400	struct	441, 442
setWithSet:	400	Structure	440
short	67	Sub Class	511
Short-circuit Evaluation	121	subarray(with:)	373
Show Detail Segue	774	subarrayWithRange:	373
Show Result	739	subarrayWithRange(_:)	373
Show Seuge	774	Subclassing	511
Side Effect	121	Subscript	497

S			
signal()	985	subscript	498
signed	66	Subscript Overloading	543
Simulator	812	Subscript Syntax	287
Single Line Comment	49	substring(from:)	237
Singleton	1014	substring(to:)	236
Size Inspector	803	substring(with:)	236
sizeof()	67	substringFromIndex:	236
sleep(forTimeInterval:)	929	substringFromIndex(_:)	237
sleepForTimeInterval:	929	substringToIndex:	236
sleepForTimeInterval(_:)	929	substringToIndex(_:)	236
Soft Keyboard	1070	substringWithRange(_:)	236
Sort Descriptor	369	subtract(_:)	414
sort()	371	subtracting(_:)	414
sort(comparator:)	369	subtractInPlace(_:)	414
sort(using:)	368	Subtraction Assignment Operator	132
sortDescriptorWithKey:	370	Subtraction Operator	107
sorted()	371	subviews	1098
sortedArray(comparator:)	369	successor()	225
sortedArray(using:)	368, 370	suffix(_:)	375
sortedArrayUsingComparator:	368	suffix(from:)	375
sortedArrayUsingComparator(_:)	369	suffixFrom(_:)	375
sortedArrayUsingDescriptors:	370	Sugar Syntax	346
sortedArrayUsingDescriptors(_:)	370	Super Class	511
sortedArrayUsingSelector:	368	superview	1098
sortedArrayUsingSelector(_:)	368	suspend()	981
sortInPlace()	371	SVN(Subversion)	847
sortUsingComparator:	369	swift()	665
sortUsingComparator(_:)	369	switch 조건문	168
sortUsingSelector:	368	Symbol Navigator	697
sortUsingSelector(_:)	368	symmetricDifference(_:)	415

S			
Source Code Editor	726	sync(_:)	977
Specialization	628	synchronize	1031
split(_:)	376	synchronize()	1031
split(_:allowEmptySlices:isSeparator:)	376	Synchronous	921
split(_:maxSplit:allowEmptySlices:)	377	Syntactic Sugar	346
split(maxSplits:omittingEmptySubsequences:isSeparator:)	376	systemVersion	1079
split(separator:)	376		
split(separator:maxSplits:omittingEmptySubsequences:)	377		
Stack	189		
Standard Editor	706		
start	926		

T			
Tab	719	translatesAutoresizingMaskIntoConstraints	904
tag	802	trimmingCharacters(in:)	267
Tagging	1133	true	71
TARGET_IPHONE_SIMULATOR	1083	truncatingRemainder(dividingBy:)	109
TARGET_OS_SIMULATOR	1083	try()	924
Target-Action	1014	tryLock	924
Task	921	tryLock()	924
Ternary Conditional Operator	138	Tuple	337
TernaryPrecedence	650	Type Annotation	81, 338
Test Navigator	701	Type Cast Operator	566, 593
Thread	921	Type Casting	83
Thread Safety	922	Type Check Operator	563, 592
Thread(target:selector:object:)	927	Type Constraints	626
threadPriority	947	Type Conversion	83
tintColor	803	Type Erasure	625

T			
Token	47	Type Inference	18, 82
Token-Pasting Operator	664	Type Parameter	627
Toolbar	32, 690, 829	Type Property	479
Touch ID	817	typealias	78, 635
Track Pane	830	typedef	78, 441
Trailing Closure	331		
transform	1115		

U			
UI_USER_INTERFACE_IDIOM()	1084	unlock	924
UIApplication	1021	unlock()	924
UIApplicationDelegate	1021	Unnamed Tuple	337
UIApplicationMain	16, 41, 1021	unowned	684
UIApplicationOpenURLOption UniversalLinksOnly	1053	Unowned Reference	684
UIBackgroundModes	1051	UnsafeMutablePointer	195
UIBackgroundTaskInvalid	1045	UnsafePointer	195
UIDevice	1079	unsigned	66
UILayoutPriority	899	unsigned char	67
UInt16	67	unsigned int	67
UInt32	67	unsigned long	67
UInt64	67	unsigned short	67
UInt8	67	Unwrapping	98
UIRequiredDeviceCapabiliti es	1023	Upcasting	564
UIResponder	1161	updateValue(_:forKey:)	396
UIScreen	1087	uppercased()	252
UIView	1022	uppercaseString	251
UIView Animation	1136	URL Scheme	1053
UIViewController	1021	User Defaults System	1030
UIWindow	1021, 1088	userInteractionEnabled	802
UIWindow	1088	userInterfaceIdiom	1084
Unary minus Operator	107	UTF-16	261

U			
unichar	77	UTF-32	261
union(_:)	412	UTF-8	261
unionInPlace(_:)	413	Utilities Area	711
unionSet:	412		
unionSet(_:)	412		
Universal Resource	807		

V			
va_arg()	302	Version Editor	706, 850
va_end()	302	View	1012, 1022, 1089
va_list	302	View Controller	1021
va_start()	302	View Transition	1151
Value	380	viewWithTag:	1133
value:withObjCType:	278	viewWithTag(_:)	1133
values	385	Visual Format Language	907
var	56	void	79
Variables View	709		
Variadic Parameter	301		

W			
wait()	983, 985	window	1098
wait(timeout:)	983	windowLevel	1088
weak	467, 682	Worker Thread	921
Weak Reference	682	Working Copy	847
where	638	Workspace Configuration Button	694
while 반복문	154	Wrapping	98
willSet	482		
Window	720, 1088		

X			
Xcode Server	859		

Y			
YES	71, 660		

Z			
Z-Order	763	Zombies Template	832
Zeoring Weak Reference	682	Zoom	755

기타					
__block	333	@protected	463	#ifndef	662
__DATE__	660	@protocol	571, 573, 592	#import	37
__FILE__	660	@public	463	#import	660
__IPHONE_OS_VERSION_MIN_REQUIRED	1077	@required	572	#include	660
__LINE__	660	@selector	80	#line	662
__TIME__	660	@selector	494	#selector	81
__TIMESTAMP__	660	@synchronized	924	#selector	495
_Nonnull	195	@synthesize	465	#selector	562
_Nullable	195	* 연산자	108	#undef	657
- 연산자	107	*= 연산자	133	% 연산자	109
-= 연산자	132	/ 연산자	108	%= 연산자	134
- 연산자	111	/= 연산자	134	^ 연산자	126
! 연산자	99	\ 연산자	659	^= 연산자	136
! 연산자	120	& 연산자	125	+ 연산자	107
!= 연산자	114	& 연산자	190	++ 연산자	109
!= 연산자	647	& 연산자	308	+= 연산자	132
... 연산자	141	&- 연산자	112	< 연산자	114
..< 연산자	142	&* 연산자	112	<< 연산자	128
@autoreleasepool	675	&& 연산자	119	<<= 연산자	136
@available	1083	&+ 연산자	112	<= 연산자	115
@class	447	&= 연산자	135	= 연산자	132
@end	445, 447	# 연산자	663	== 연산자	113
@end	571	## 연산자	664	==! 연산자	116

기타					
@IBDesignable	1168	#available	1082	=== 연산자	116
@implementation	447	#define	657	=== 연산자	647
@interface	445	#elif	661	> 연산자	115
@objc	495	#else	661, 664	>= 연산자	116
@objc	574	#elseif	664	>> 연산자	128
@optional	572	#endif	661, 664	>>= 연산자	137
@private	463	#error	663	연산자	126
@property	446	#if	661, 664	= 연산자	135
@property	465	#ifdef	662	연산자	119
				~ 연산자	127
				2의 보수	187
				3D Touch	819