



Stichwortverzeichnis

Jan Tittel, Jochen Baumann

Apps für iOS entwickeln

Am Beispiel einer realen App

ISBN (Buch): 978-3-446-43192-8

ISBN (E-Book): 978-3-446-43314-4

Weitere Informationen oder Bestellungen unter

<http://www.hanser-fachbuch.de/978-3-446-43192-8>

sowie im Buchhandel.

Index

Symbole

@dynamic 162
@end 47
@implementation 48
@interface 47
@property 49
@selector 105
@synthesize 50, 95
#pragma 91
#warning 91

A

Ablaufsteuerung 51
accessoryButton 166
action 131
Action 38
Action Segue
– modal 72
– push 73
Action Sheet 123, 142
actionSheet:clickedButtonAtIndex: 124, 143
addAnnotation: 181
addAttachmentData 125
addButtonWithTitle: 142
addGestureRecognizer: 131
addObject
– NSMutableArray 51
addObserver 105, 176
addPersistentStoreWithType: 164
addQuadCurveToPoint:controlPoint: 138
addSubview: 134
Aktualisierung 7
alertBody 190

Alert View 121
allowsEditing 145
Android 2
animateWithDuration:animations: 109
Anmerkung 178
App
– bereitstellen 212
– Oberfläche 32
– validieren 211
– veröffentlichen 210
App-Icon 202
App-ID 205
App plays audio 151
App registers for location updates 184
App Store 2
AppDelegate 31
Application supports iTunes file sharing 115
applicationDidBecomeActive: 189
applicationDidEnterBackground: 185
application:didFinishLaunchingWithOptions:
185
application:didReceiveLocalNotification: 193
applicationWillTerminate: 201
Arbeitsumgebung 9
ARC 49
Archive 210
Array 51
arrayByAddingObject: 123
Assistant editor 36
Attribute 160
Attributes inspector 33
attributesOfItemAtPath:error: 99
Audios abspielen 150
Audios aufnehmen 149

Audios im Hintergrund 150
 Audio-Ausgang 155
 Audio-Eingang 154
 Audio Sessions 149
 audioPlayerDidFinishPlaying:successfully: 151
 audioPlayerEndInterruption:withOptions: 151
 audioRecorderBeginInterruption: 151
 audioRecorderDidFinishRecording:successfully:
 151
 Ausgang 153
 Autolayout 33
 Automatic Reference Counting 49
 Autorisierung 178
 AVAudioPlayer 150
 AVAudioPlayerDelegate 151
 AVAudioRecorder 149
 AVAudioRecorderDelegate 151
 AVAudioSessionCategoryRecord 149
 AVAudioSessionPortDescription 155
 AVAudioSessionRouteChangeNotification 154
 AVFoundation 149

B

Background 64, 94
 Back-Navigation 75
 badge value 194
 badgeValueDidChange: 194
 Banner 192
 Bar Button Item 70, 128
 – Identifier 70
 becomeFirstResponder 108
 beginBackgroundTaskWithExpirationHandler:
 186
 beginReceivingRemoteControlEvents 153
 Beispielprojekt 4
 Benachrichtigungen 190
 – Hintergrund 192
 – Vordergrund 193
 Bibliothek 142
 Bilddateien 60
 Bilder 132
 Black Translucent 111
 Block 106
 Bonuskapitel 7
 Border Style 128
 Build Settings 210
 Bundle Identifier 206

Button – Info Light 71
 buttonIndex 125
 buttonTitleAtIndex: 144

C

cancelButtonTitle 143
 cancelLocalNotification 190
 canSendMail 120
 Capitalization 94
 CFBundleDisplayName 200
 CFBundleName 200
 CGAffineTransformScale() 140
 CGAffineTransformTranslate() 140
 CGColor 137
 CGColorCreateCopyWithAlpha() 137
 CGColorRef 137
 CGContextAddLineToPoint() 138
 CGContextBeginPath() 138
 CGContextFillRect() 134
 CGContextMoveToPoint() 138
 CGContextSetRGBFillColor() 134
 CGContextStrokePath() 138
 CGPoint 137, 181
 CGRect 109, 133
 CGSize 145
 CLGeocoder 181
 CLLocation 181
 CLLocationCoordinate2D 181
 CLLocationManager 179
 CLLocationManagerDelegate 174, 184
 CLPlacemark 181
 Cocoa Touch 78
 Code Signing 210
 compare: 106
 Connections inspector 39
 Constant 108
 Constraint 108
 contentSize 134
 contentsOfDirectoryAtPath 99
 convertPoint:toCoordinateFromView: 181
 coordinate 177, 181
 copy 49
 Core Data 158
 Core Graphics 133
 Core Location 177
 CoreLocation 174
 createDirectoryAtPath 99

currentDevice 186
currentRoute 155
Custom Class 84

D

Data Model 158
Data Model inspector 160
dataWithContentsOfFile: 133
Datei 89
– automatisch speichern 201
– hinzufügen 66
– löschen 107
– öffnen, erstellen, speichern 101
Dateifreigabe 115
Datenbank 158
Datenmodell 159
Datensätze
– abfragen 164
– erstellen 164
– löschen 166
defaultCenter 105
Delegate 108
deleteObject: 166
Deployment Target 58
dequeueReusableCellWithIdentifier:
 indexPath: 100
destinationViewController 101
Did End On Exit 110
didRotateFromInterfaceOrientation: 134
Disclaimer 208
dismissViewControllerAnimated:completion:
 87, 121
distanceFromLocation: 187
Distribution Provisioning Profile 209
Document Outline 59
Dokumentation installieren 14
Done-Button 70
Doppelpunkt 44
drawInRect: 138
Drehen 134

E

editingStyle 107
Eigenschaften 45
– definieren 49
Eingang 153

E-Mails versenden 119
endReceivingRemoteControlEvents 153
Entität 160
Entwicklerprogramm 15
Entwicklungsumgebung 9
Ereignisse 40
executeFetchRequest:error: 165
Exit 86

F

Farbe 137
Fehlerbehandlung 53
File inspector 29
File's Owner 39
fileExistsAtPath: 99
fileModificationDate 100
filteredArrayUsingPredicate: 169
filtern 169
fireDate 190
Fixed Space Bar Button Item 111
Flexible Space Bar Button Item 128
for-Schleife 52
Fotos 132, 141
frame 134

G

Gerät freischalten 22
Gesten 130
Gesture Recognizer 130, 179
Getter 47
Grafik 132
Grafischer Designer 32

H

hasChanges 201
Headphones 155
Hides Bottom Bar on Push 93
Hintergrund 150
Hintergrunddienst 186
Hintergrundtask 184
Hochformat 41
horizontalAccuracy 177, 187
Horizontal Center 35

I

- IBAction 38
- if:else 51
- Image Picker 145
- imagePickerController:
 - didFinishPickingMediaWithInfo: 145
- Image View 118
- imageWithData: 133
- Implementierung 47
- Indexed 161
- indexPathForSelectedRow 106
- initWithContentsOfFile 102
- initWithContentsOfURL: 163
- initWithManagedObjectModel: 164
- inputAccessoryView 113
- inputIsAvailable 156
- inputs 155
- instantiateViewControllerWithIdentifier: 175
- Instanzmethoden 47
- Interface Builder 58
- iOS Application Target 58
- iOS Development Certificate 21
- iOS Distribution Certificate 21
- iOS-Entwicklerprogramm 15
- iOS Provisioning Portal 18, 205
- iPhone 2
- isKindOfClass: 178
- isMultitaskingSupported 186
- isSourceTypeAvailable: 142
- Issue Navigator 203
- iTunes 115
- iTunes Connect 207

K

- Kamera 142
- Karte 178
- kCLAuthorizationStatusAuthorized 179
- kCLLocationAccuracyNearestTenMeters 185
- Keyboard 108
- Klassen erstellen 46, 77
- Klassenmethoden 47
- Kommentare 51
- Koordinate 177
- Kopfhörer 153

L

- Label 32
- layoutIfNeeded 110
- LinearPCM 149
- lineWidth 138
- Linie zeichnen 138
- Linked Frameworks and Libraries 119
- locality 181
- Localizable.strings 197, 200
- Localizable Strings 199, 200
- locations 187
- locationInView: 132, 137
- locationManager:didChangeAuthorizationStatus:
 - 179, 189
- locationManager:didUpdateLocation: 187
- Logging 50
- Lokalisierung 197
 - aktivieren 200
 - hinzufügen 199

M

- Mail-App 119
- mailComposeController:didFinishWithResult:
 - error: 121
- MapKit 174
- Map View 174, 177
- mapView:didSelectAnnotationView: 178
- mapView:didUpdateUserLocation: 177
- Master-Detail Application 57
- Member Center 16, 205
- MessageUI.framework 119
- Methoden aufrufen 44
- MFMailComposeViewController 120
- MFMailComposeViewControllerDelegate 120
- contentType 125
- Mitteilungszentrale 193
- MKCoordinateRegion 177
- MKCoordinateRegionMakeWithDistance 177
- MKMapViewDelegate 174
- MKPointAnnotation 178
- MKUserLocation 178
- modalTransitionStyle 145, 175
- moveToPoint: 138
- Multimedia-Ereignisse 152
- Multitasking 186

N

Name der App lokalisieren 200
Navigation 66
Navigation Bar 65
– Style 65
Navigation Controller 61
navigationItem 105
Navigationsschaltflächen 69
newlineCharacterSet 114
NeXTStep 44
nil 53
nonatomic 49
Note 81
NSComparisonResult 106
NSData 125, 133
NSDateFormatter 100
NSDeletedObjectsKey 190
NSDocumentDirectory 99
NSEntityDescription 165
NSError 53
NSFetchRequest 165
NSFileManager 99
NSInferMappingModelAutomaticallyOption 163
NSLayoutConstraint 108
NSLog() 50
NSManagedObject 161
NSManagedObjectContext 162
NSManagedObjectModel 162
NSMigratePersistentStoresAutomaticallyOption 163
NSMutableArray 51, 90
NSNotificationCenter 105, 176
NSNumber 161
NSObject 47
NSPersistentStoreCoordinator 162
NSPredicate 165, 169
NSSearchPathForDirectoriesInDomains 99
NSSQLiteStoreType 164
NSString 44
NSTemporaryDirectory() 149
NSTimeInterval 109
NSTimer 184, 189
NSUpdatedObjectsKey 190
NSURL 122, 163
NSValue 109
NULL 53
numberOfButtons 143

numberOfSectionsInTableView: 91, 100
numberOfTouches 132

O

objectAtIndex
– NSMutableArray 52
objectAtIndex: 106
Objective-C 42
– Schnelleinstieg 25
Objective-C class 78
Object library 29
Objekte erzeugen 46
openURL: 122
Optional 161
Organizer 21
Orientation 134
Orte markieren 179
Ortsbestimmung 177
Ortung
– Genauigkeit 185
– Hintergrund 183
– Projekteinstellungen 184
Ortungsdienste 178
otherButtonTitles 124
Outlet 36, 95
outputs 155

P

Pan Gesture Recognizer 131
Parameter 44
pause 150
performSelector:withObject:afterDelay: 182
Pfad zeichnen 138
Picker 174
Pinch Gesture Recognizer 131
placemarks 181
play 150
Play Store 2
portType 155
Positionierung 32
postalCode 181
postNotificationName 176
predicateWithFormat: 169
prepareForSegue:sender: 98, 101
prepareToRecord 149
presentLocalNotificationNow: 188, 193

presentViewController:animated:completion:
 121, 176
 Progress View 148
 Project Navigator 29
 Projekt
 – anlegen 26, 55
 – Dateien 31
 – Einstellungen 29
 – Informationen 30
 – Optionen 28
 – Vorlagen 57
 Property 95
 Protokolle 108
 Prototype Cells 92
 Provisioning Profiles 21, 210
 Punctuation 45

Q

Querformat 42

R

range.location 113
 readonly 49
 readwrite 49
 record 150
 recordForDuration: 150
 Region 177
 rekursiv 102
 Relationship Segue 66
 reloadData 106
 remoteControlReceivedWithEvent: 152
 Remote-Controls 152
 removeItemAtPath:error: 104, 107
 removeObject: 166
 Required background modes 151, 184
 resignFirstResponder 110
 reverseGeocodeLocation:completionHandler:
 181
 Reverse Geocoding 179
 rightBarButtonItem 105, 123
 Rotation Gesture Recognizer 148
 Round Rect Button 32, 70

S

Safari 122
 save: 165, 166
 Save-Button 70
 scale 140
 Scale To Fill 134
 scheduled Notifications 190
 scheduledLocalNotifications 190
 scheduleLocalNotification: 190
 Schleifen 51
 Schlüsselbundverwaltung 19
 Schnittstelle 46
 scrollen 140
 scrollEnabled 113
 Scrolling Enabled 132
 scyte notes 4
 Segmented Control 111, 168
 Segues 60, 97
 – erstellen 66
 – Identifier 97
 selectAnnotation:animated: 182
 selectedRange 113
 Selection Segue
 – push 68
 selector 105
 Separator 91
 setAffineTransform: 140
 setBadgeValue: 194
 setCurrentTime: 150
 setDateStyle:, 100
 setDesiredAccuracy: 185
 setMaximumNumberOfTouches: 131
 setMinimumNumberOfTouches: 131
 setNumberOfTapsRequired: 131
 setPausesLocationUpdatesAutomatically: 185
 setPersistentStoreCoordinator: 163
 setRegion:animated: 177
 setSubject 120
 Setter 47
 setToRecipients 120
 sharedInstance 150
 show 121
 showFromTabBar: 124
 Simulated Metrics 33, 129
 Simulator 40
 – installieren 13
 Single View Application 26
 size.height 109

- Size inspector 94
- size.width 109
- Skalierung 135
- Slider 128
- Smartphone 2
- sortUsingComparator: 106
- sortUsingSelector: 188
- soundName 190
- sourceType 145
- Spalten 160
- Speaker 155
- Speicherverwaltung 49
- SQLite 158
- Startbild 202
- startUpdatingLocation 186
- state 132
- Statusleiste 203
- Steuerelemente konfigurieren 34
- stop 150
- stopUpdatingLocation 185
- Storyboard 55
 - lokalisieren 199
- Storyboard ID 175
- stringByDeletingPathExtension 102
- String File 197
- stroke 138
- strong 49
- Subclass of 79
- Subklasse 161
 - erstellen 77
- subThoroughfare 180
- Subtitle 92
- superview 134

T

- Tab Bar Controller 60
 - Icons 69
- Tabbed Application 56
- Tabelle 160
- Tabellen 89
 - anpassen 91
- Table View 61, 90
- Table View Cell 92
- tableView:cellForRowAtIndexPath: 91
- tableView:commitEditingStyle:forRowAtIndexPath: 91
- tableView:numberOfRowsInSection: 91, 100
- Tap Gesture Recognizer 131
- Text 89
- Text View 93
- textView:shouldChangeTextInRange:
 - replacementText: 114
- thoroughfare 180
- timeIntervalSinceNow 187
- Timer 186
- timestamp 187
- Tint 128
- Title 92
- Toolbar 111
- Top Left 134
- Touch Down 38
- Touchscreen 130
- Transition 73
- Transparenz 137

U

- Übergänge 60
- UIActionSheet 124
- UIActionSheetDelegate 123
- UIAlertView 121
- UIApplicationStateActive 188
- UIApplicationWillTerminateNotification 201
- UIBackgroundTaskIdentifier 184
- UIBackgroundTaskInvalid 189
- UIBarButtonItem 123
- UIBarButtonItemSystemItemAction 123
- UIBezierPath 137
- UIColor 137
- UIDevice 186
- UIGestureRecognizerStateBegan 137
- UIGestureRecognizerStateChanged 137
- UIGraphicsBeginImageContext() 133
- UIGraphicsGetCurrentContext() 133
- UIGraphicsGetImageFromCurrentImageContext() 134
- UIImage 133
- UIImageJPEGRepresentation() 136
- UIImagePickerController 142, 145
- UIImagePickerControllerDelegate 142
- UIImagePickerControllerEditedImage 145
- UIImagePickerControllerSourceTypeCamera 142
- UIImagePickerControllerSourceTypePhotoLibrary 143

UIImageView 133
 UIKeyboardFrameEndUserInfoKey 109
 UIKeyboardWillHideNotification 109
 UIKeyboardWillShowNotification 109
 UILocalNotification 188, 190
 UILocalNotificationDefaultSoundName 188
 UIModalTransitionStylePartialCurl 175
 UINavigationControllerDelegate 142
 UIPanGestureRecognizer 131
 UISegmentedControl 112
 UITabBarController 82
 UITableViewCell 100
 UITableViewCellEditingStyleDelete 107
 UITableViewController 82, 90
 UITapGestureRecognizer 131
 UITextField 95
 UITextView 95
 UITextViewDelegate 114
 UIToolbar 112
 UIViewController 82
 Unterbrechungen 151
 Unwind Segues 85
 URLByAppendingPathComponent: 163
 URLWithString: 122
 Use Base Internationalization 198
 userInfo 109
 userLocation 177
 Utilities 32

V

Value Changed 112
 Variablen 43
 Vertical Center 35
 Verweise 36
 Verzweigungen 51
 View Controller 60, 61
 – Subklasse 81

ViewController 31
 View Controller Scene 64
 viewDidAppear 108
 viewDidLoad 90
 Views 60
 viewWillAppear 106

W

Warnmeldung 203
 weak 49
 Webseiten aufrufen 122
 Wiederholungen 51
 Wildcard-Profil 24
 willMoveToParentViewController: 153
 writeToFile 104
 writeToFile:atomically: 136

X

Xcode
 – Download 9
 – Installation 10
 – Konfiguration 11
 – Provisioning Profiles 21
 – Schnelleinstieg 25
 – Startbildschirm 13

Z

zeichnen 136
 Zellen anpassen 92
 Zertifikate 18
 Zertifikatsassistent 19
 Zielversion 58
 zoomen 140