

I Bike CPH

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## Chapter 1

# AddressParser

Address parser used in I Bike CPH project

This class just parses the address string separating street, house number, zip and city



## Chapter 2

# routing-engine

Routing engine for use with I Bike CPH and Spoiled Milk fork of RMMMapView

You should add **smroute\_setting.plist** file to the application that is using routing-engine. You can find example of such file in this dir (**smroute\_settings\_example.plist**).

Routing-engine will also read **smroute\_setting\_private.plist**. A file called **EXAMPLE\_smroute\_settings\_↵private.plist** has been placed in the same folder to get you started. Just copy it to **smroute\_settings\_private.plist** and change the info.

**DO NOT CHANGE THE EXAMPLE FILE AND COMMIT IT. YOUR LOGIN INFO WILL END UP IN THE REPOS\_↵ITORY FOR ALL TO SEE.**



## Chapter 3

# Hierarchical Index

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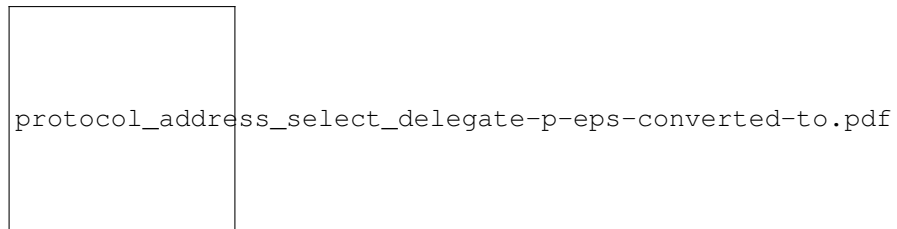


## Chapter 5

# Class Documentation

### 5.1 <AddressSelectDelegate> Protocol Reference

Inheritance diagram for <AddressSelectDelegate>:



#### Instance Methods

- (void) - **addressView:didSelectItemAtIndex:forAddressType:**
- (NSString \*) - **addressView:titleForRow:**

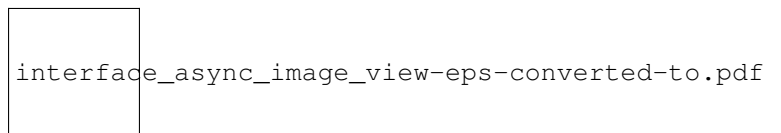
The documentation for this protocol was generated from the following file:

- `ibikecph/Views/SMAddressPickerView.h`

### 5.2 AsyncImageView Class Reference

```
#import <AsyncImageView.h>
```

Inheritance diagram for AsyncImageView:



#### Instance Methods

- (void) - [loadImage:](#)
- (void) - [loadImage:withBackup:](#)
- (void) - [cancelLoad](#)

## Protected Attributes

- BOOL **hasBackup**

## Properties

- id< [AsyncImageViewDelegate](#) > **delegate**
- NSURLConnection \* [conn](#)

### 5.2.1 Detailed Description

Asynchronously loads an image

loadImage: - asynchronously loads na image checking the cache first loadImage:withBackup: - asynchronously load an image with backup link in case the first one doesn't exist

### 5.2.2 Method Documentation

#### 5.2.2.1 - (void) cancelLoad

Cancel loading

#### 5.2.2.2 - (void) loadImage: (NSString\*) *imagePath*

asynchronously loads na image checking the cache first

#### 5.2.2.3 - (void) loadImage: (NSString\*) *imagePath* withBackup:(NSString\*) *backup*

asynchronously load an image with backup link in case the first one doesn't exist (cache is checked in both cases)

### 5.2.3 Property Documentation

#### 5.2.3.1 - (NSURLConnection\*) *conn* [read],[write],[nonatomic],[strong]

URL connection

The documentation for this class was generated from the following files:

- ibikecph/Classes/AsyncImageView.h
- ibikecph/Classes/AsyncImageView.m

## 5.3 AsyncImageView() Category Reference

### Properties

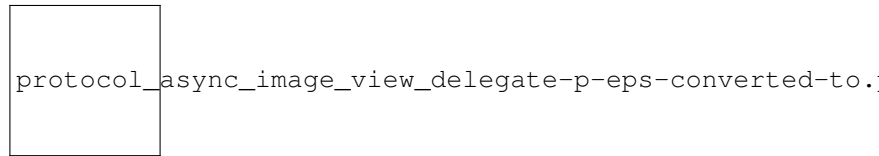
- NSMutableData \* **imageData**
- NSString \* **backupImg**
- NSString \* **currentImage**

The documentation for this category was generated from the following file:

- ibikecph/Classes/AsyncImageView.m

## 5.4 <AsyncImageViewDelegate> Protocol Reference

Inheritance diagram for <AsyncImageViewDelegate>:



### Instance Methods

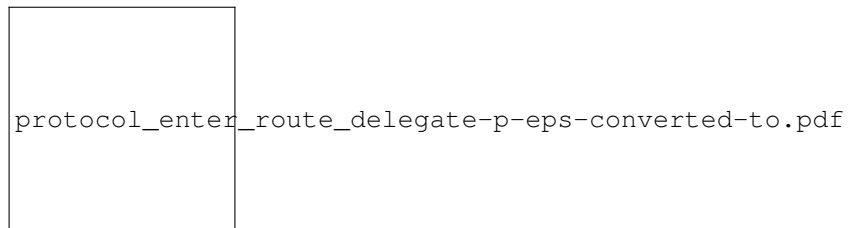
- (void) - **imageLoadingDone:**
- (void) - **newImageSize:forObj:**

The documentation for this protocol was generated from the following file:

- ibikecph/Classes/AsyncImageView.h

## 5.5 <EnterRouteDelegate> Protocol Reference

Inheritance diagram for <EnterRouteDelegate>:



### Instance Methods

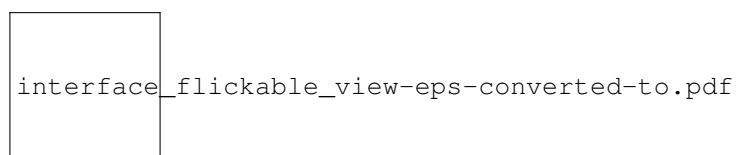
- (void) - **findRouteFrom::to::fromAddress::toAddress:**
- (void) - **findRouteFrom::to::fromAddress::toAddress::withJSON:**

The documentation for this protocol was generated from the following file:

- ibikecph/Classes/SMEnterRouteController.h

## 5.6 FlickableView Class Reference

Inheritance diagram for FlickableView:



## Instance Methods

- (void) - **setupForHorizontalSwipeWithStart:andEnd:**
- (void) - **setupForVerticalSwipeWithStart:andEnd:**
- (void) - **setupForHorizontalSwipeWithStart:andEnd:andStart:andPullView:**
- (void) - **addPullView:**

## Properties

- CGFloat **startPos**
- CGFloat **endPos**
- CGFloat **threshold**
- CGFloat **originalPos**

The documentation for this class was generated from the following files:

- ibikecph/Libs/Flickable View/FlickableView.h
- ibikecph/Libs/Flickable View/FlickableView.m

## 5.7 FlickableView() Category Reference

### Protected Attributes

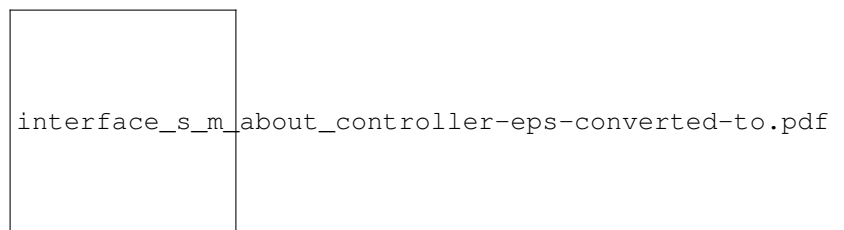
- FlickableViewType **swipeDirection**
- BOOL **blockTouch**
- CGPoint **startTouch**

The documentation for this category was generated from the following file:

- ibikecph/Libs/Flickable View/FlickableView.m

## 5.8 SMAboutController Class Reference

Inheritance diagram for SMAboutController:



### Protected Attributes

- \_\_weak IBOutlet UIScrollView \* **scrView**

### Additional Inherited Members

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMAboutController.h

## 5.9 SMAboutController() Category Reference

### Properties

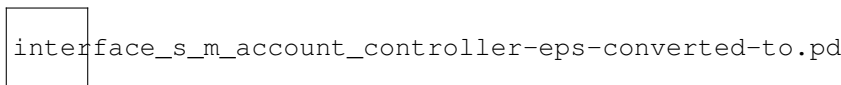
- IBOutlet UITextView \* **textView**

The documentation for this category was generated from the following file:

- ibikecph/Classes/SMAboutController.m

## 5.10 SMAccountController Class Reference

Inheritance diagram for SMAccountController:



### Protected Attributes

- \_\_weak IBOutlet UIImageView \* **fbImage**
- \_\_weak IBOutlet UILabel \* **fbName**
- \_\_weak IBOutlet UIView \* **fbView**
- \_\_weak IBOutlet UIScrollView \* **scrIView**
- \_\_weak IBOutlet UIImageView \* **regularImage**
- \_\_weak IBOutlet UITextField \* **name**
- \_\_weak IBOutlet UITextField \* **email**
- \_\_weak IBOutlet UITextField \* **password**
- \_\_weak IBOutlet UITextField \* **passwordRepeat**
- \_\_weak IBOutlet UIView \* **regularView**
- BOOL **hasChanged**

### Additional Inherited Members

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMAccountController.h

## 5.11 SMAccountController() Category Reference

### Properties

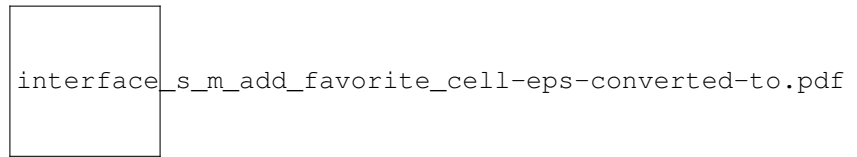
- [SMAPIRequest](#) \* **apr**
- UIImage \* **profileImage**
- NSDictionary \* **userData**

The documentation for this category was generated from the following file:

- ibikecph/Classes/SMAccountController.m

## 5.12 SMAddFavoriteCell Class Reference

Inheritance diagram for SMAddFavoriteCell:



### Class Methods

- (CGFloat) + **getHeight**
- (SMAddFavoriteCell \*) + **getFromNib**

### Protected Attributes

- \_\_weak IBOutlet UIImageView \* **cellIBG**

### Properties

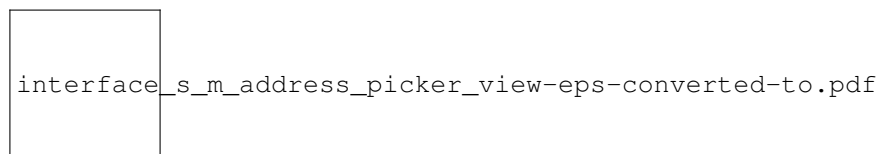
- IBOutlet UIImageView \* **image**
- IBOutlet UILabel \* **text**
- IBOutlet UIImageView \* **addFavoritesSymbol**
- id< ViewTapDelegate > **delegate**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMAddFavoriteCell.h
- ibikecph/Views/SMAddFavoriteCell.m

## 5.13 SMAddressPickerView Class Reference

Inheritance diagram for SMAddressPickerView:



### Instance Methods

- (IBAction) - **didTapOnCancel:**
- (IBAction) - **didTapOnDone:**
- (void) - **displayAnimated**
- (void) - **hideAnimated**

## Properties

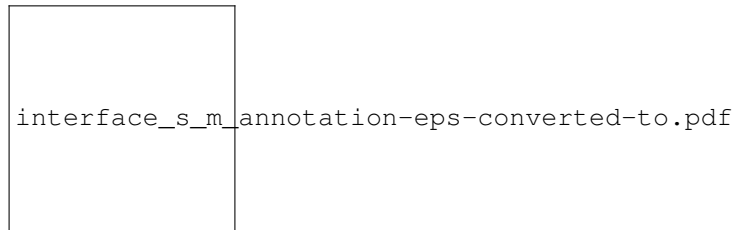
- IBOutlet UIPickerView \* **pickerView**
- AddressType **addressType**
- id< [AddressSelectDelegate](#) > **delegate**
- int **sourceCurrentIndex**
- int **destinationCurrentIndex**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMAddressPickerView.h
- ibikecph/Views/SMAddressPickerView.m

## 5.14 SMAnnotation Class Reference

Inheritance diagram for SMAnnotation:



## Instance Methods

- (void) - **showCallout**
- (void) - **hideCallout**

## Properties

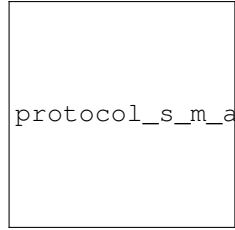
- id< [SMAnnotationActionDelegate](#) > **delegate**
- [SMCalloutView](#) \* **calloutView**
- BOOL **calloutShown**
- BOOL **calloutVisible**
- NSArray \* **nearbyObjects**
- NSString \* **subtitle**
- CLLocation \* **routingCoordinate**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMAnnotation.h
- ibikecph/Classes/SMAnnotation.m

## 5.15 <SMAnnotationActionDelegate> Protocol Reference

Inheritance diagram for <SMAnnotationActionDelegate>:



protocol\_s\_m\_annotation\_action\_delegate-p-eps-converted-t

### Instance Methods

- (void) - **annotationActivated:**

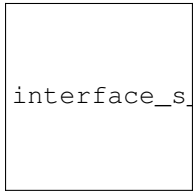
The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMAnnotation.h`

## 5.16 SMAPIOperation Class Reference

```
#import <SMAPIOperation.h>
```

Inheritance diagram for SMAPIOperation:



interface\_s\_m\_a\_p\_i\_operation-eps-converted-to.pdf

### Instance Methods

- (void) - **terminate**
- (void) - **timeoutCancel:**
- (id) - **initWithData:andDelegate:**

### Properties

- id< [SMAPIOperationDelegate](#) > **delegate**
- NSTimer \* **timeoutTimer**
- NSDictionary \* **startParams**
- NSMutableData \* **responseData**
- NSURLConnection \* **conn**
- NSArray \* **results**
- BOOL **taskFinished**
- BOOL **inProgress**
- BOOL **isStopped**
- NSInteger **statusCode**
- NSString \* **searchString**



### 5.16.1 Detailed Description

API operation base class

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/APIQueue/SMAPIOperation.h`
- `ibikecph/Libs/routing-engine/APIQueue/SMAPIOperation.m`

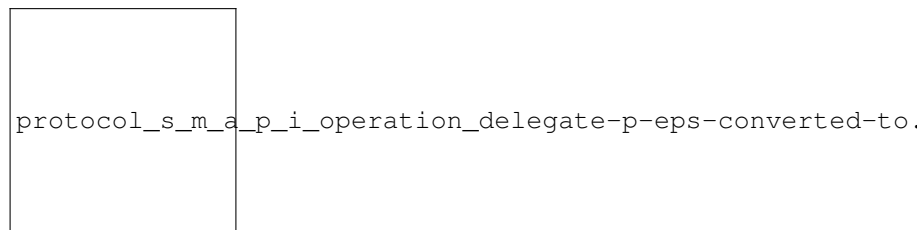
## 5.17 SMAPIOperation() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Libs/routing-engine/APIQueue/SMAPIOperation.m`

## 5.18 <SMAPIOperationDelegate> Protocol Reference

Inheritance diagram for <SMAPIOperationDelegate>:



### Instance Methods

- (void) - **queuedRequest:failedWithError:**
- (void) - **queuedRequest:finishedWithResult:**

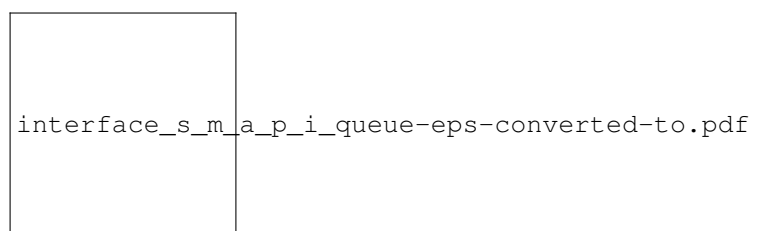
The documentation for this protocol was generated from the following file:

- `ibikecph/Libs/routing-engine/APIQueue/SMAPIOperation.h`

## 5.19 SMAPIQueue Class Reference

```
#import <SMAPIQueue.h>
```

Inheritance diagram for SMAPIQueue:



## Instance Methods

- (void) - **stopAllRequests**
- (void) - **cancelTask:**
- (id) - **initWithMaxOperations:**
- ([SMFoursquareOperation \\*](#)) - **addFoursquareTask:**
- ([SMKMSStrreetOperation \\*](#)) - **addKMSStrreetTask:**
- ([SMKMSPlacesOperation \\*](#)) - **addKMSPlacesTask:**
- (void) - **addTasks:**

## Properties

- id< [SMAPIOperationDelegate](#) > **delegate**
- NSOperationQueue \* **queue**

### 5.19.1 Detailed Description

API operations queue

### 5.19.2 Method Documentation

#### 5.19.2.1 - ([SMFoursquareOperation \\*](#)) addFoursquareTask: ([NSDictionary\\*](#)) *taskDict*

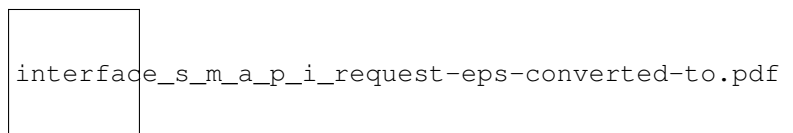
add a task to queue and get a pointer to it

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/APIQueue/SMAPIQueue.h`
- `ibikecph/Libs/routing-engine/APIQueue/SMAPIQueue.m`

## 5.20 SMAPIRequest Class Reference

Inheritance diagram for SMAPIRequest:



## Instance Methods

- (id) - **initWithDelegate:**
- (void) - **executeRequest:params:**
- (void) - **showTransparentWaitingIndicatorInView:**
- (void) - **hideWaitingView**

### Properties

- id< [SMAPIRequestDelegate](#) > **delegate**
- NSString \* **requestIdentifier**
- BOOL **manualRemove**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMAPIRequest.h
- ibikecph/Classes/SMAPIRequest.m

## 5.21 SMAPIRequest() Category Reference

### Properties

- NSDictionary \* **serviceParams**
- NSDictionary \* **serviceURL**
- NSURLConnection \* **conn**
- NSMutableData \* **responseData**
- UIView \* **waitingView**

The documentation for this category was generated from the following file:

- ibikecph/Classes/SMAPIRequest.m

## 5.22 <SMAPIRequestDelegate> Protocol Reference

Inheritance diagram for <SMAPIRequestDelegate>:



## Instance Methods

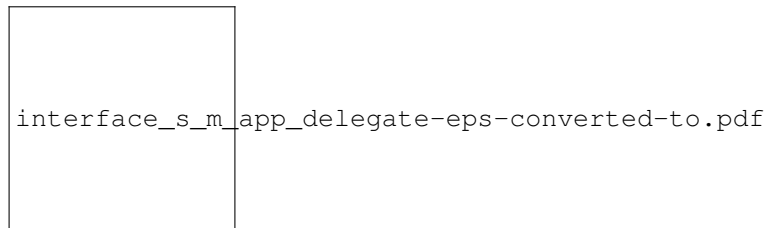
- (void) - **request:completedWithResult:**
- (void) - **request:failedWithError:**
- (void) - **serverNotReachable**

The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMAPIRequest.h`

## 5.23 SAppDelegate Class Reference

Inheritance diagram for SAppDelegate:



## Instance Methods

- (BOOL) - **saveSettings**
- (void) - **loadSettings**

## Properties

- UIWindow \* **window**
- BOOL **fbLoggedIn**
- FBSession \* **session**
- FBRequestConnection \* **fbConnection**
- NSArray \* **currentContacts**
- NSArray \* **currentEvents**
- NSArray \* **pastRoutes**
- NSArray \* **searchHistory**
- id< GAITracker > **tracker**
- NSMutableDictionary \* **appSettings**
- [SMMMapOverlays](#) \* **mapOverlays**

The documentation for this class was generated from the following files:

- `ibikecph/SAppDelegate.h`
- `ibikecph/SAppDelegate.m`

## 5.24 `SMAAppDelegate(HockeyProtocols)` Category Reference

### Properties

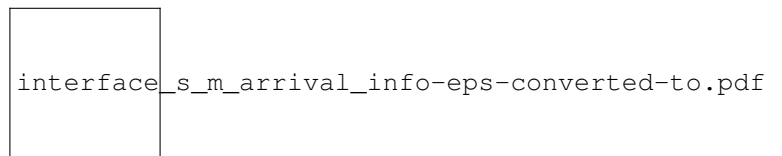
- `NSMutableDictionary * fbDict`

The documentation for this category was generated from the following file:

- `ibikecph/SMAAppDelegate.m`

## 5.25 `SMArrivalInfo` Class Reference

Inheritance diagram for `SMArrivalInfo`:



### Instance Methods

- (id) - `initWithDepartures:arrivals:`

### Properties

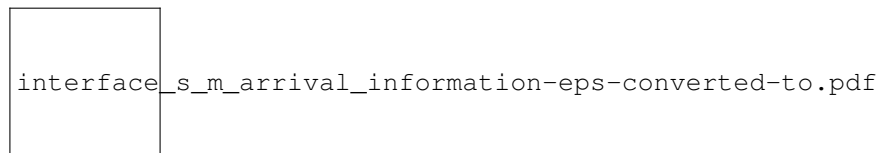
- `NSArray * departures`
- `NSArray * arrivals`
- `SMStationInfo * station`

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMArrivalInfo.h`
- `ibikecph/Classes/SMArrivalInfo.m`

## 5.26 `SMArrivalInformation` Class Reference

Inheritance diagram for `SMArrivalInformation`:



### Instance Methods

- (void) - `addArrivalTime:forDays:`
- (void) - `addDepartureTime:forDays:`
- (`SMArrivalMapping *`) - `mappingForDayAtIndex:`
- (BOOL) - `hasInfoForDayAtIndex:`

## Properties

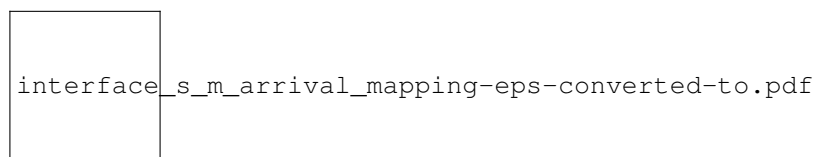
- [SMStationInfo](#) \* **station**
- NSMutableArray \* **mappings**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMArrivalInformation.h`
- `ibikecph/Classes/SMArrivalInformation.m`

## 5.27 SMArrivalMapping Class Reference

Inheritance diagram for SMArrivalMapping:



## Instance Methods

- (BOOL) - **daysMatch:**
- (void) - **addArrivalTime:**
- (void) - **addDepartureTime:**

## Properties

- NSMutableArray \* **arrivals**
- NSMutableArray \* **departures**
- NSArray \* **days**

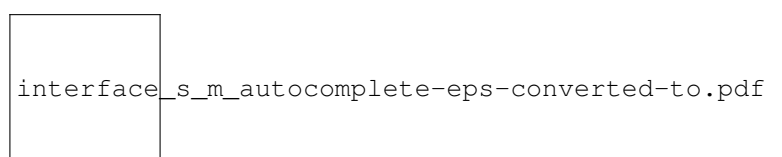
The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMArrivalMapping.h`
- `ibikecph/Classes/SMArrivalMapping.m`

## 5.28 SMAutocomplete Class Reference

```
#import <SMAutocomplete.h>
```

Inheritance diagram for SMAutocomplete:



## Instance Methods

- (id) - **initWithDelegate:**
- (void) - **getAutocomplete:**
- (void) - **getOiorestAutocomplete**
- (void) - **getFoursquareAutocomplete**
- (void) - **getKortforsyningenAutocomplete**

### 5.28.1 Detailed Description

Autocomplete object

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/SMAutocomplete.h`
- `ibikecph/Libs/routing-engine/SMAutocomplete.m`

## 5.29 SMAutocomplete() Category Reference

### Protected Attributes

- AutocompleteType **completeType**

### Properties

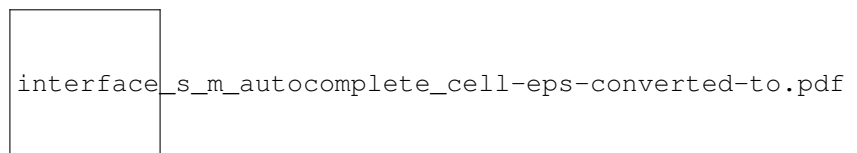
- id < [SMAutocompleteDelegate](#) > **delegate**
- NSString \* **srchString**
- NSMutableArray \* **resultsArr**

The documentation for this category was generated from the following file:

- `ibikecph/Libs/routing-engine/SMAutocomplete.m`

## 5.30 SMAutocompleteCell Class Reference

Inheritance diagram for SMAutocompleteCell:



### Class Methods

- (CGFloat) + **getHeight**

## Properties

- IBOutlet UILabel \* **nameLabel**
- IBOutlet UILabel \* **addressLabel**
- IBOutlet [AsyncImageView](#) \* **iconImage**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMAutocompleteCell.h
- ibikecph/Views/SMAutocompleteCell.m

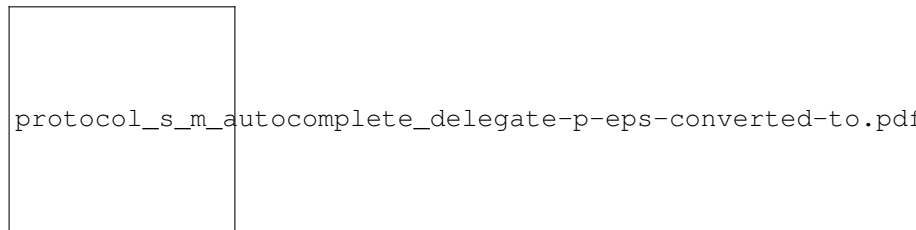
## 5.31 SMAutocompleteCell() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Views/SMAutocompleteCell.m

## 5.32 <SMAutocompleteDelegate> Protocol Reference

Inheritance diagram for <SMAutocompleteDelegate>:



## Instance Methods

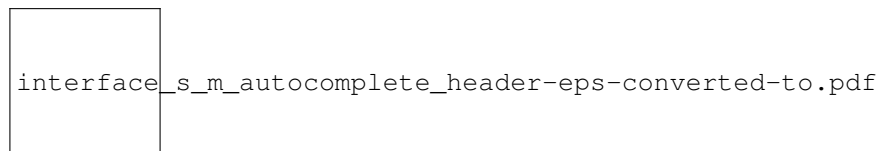
- (void) - **autocompleteEntriesFound:forString:**

The documentation for this protocol was generated from the following file:

- ibikecph/Libs/routing-engine/SMAutocomplete.h

## 5.33 SMAutocompleteHeader Class Reference

Inheritance diagram for SMAutocompleteHeader:



## Class Methods

- (CGFloat) + **getHeight**



## Properties

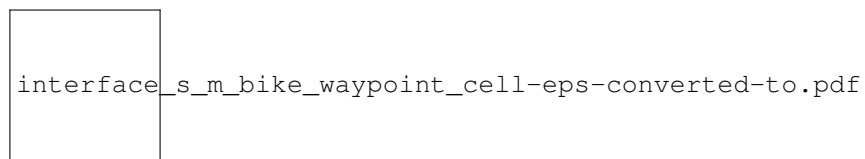
- IBOutlet UILabel \* **headerTitle**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMAutocompleteHeader.h
- ibikecph/Views/SMAutocompleteHeader.m

## 5.34 SMBikeWaypointCell Class Reference

Inheritance diagram for SMBikeWaypointCell:



## Instance Methods

- (void) - **setupWithString:**

## Properties

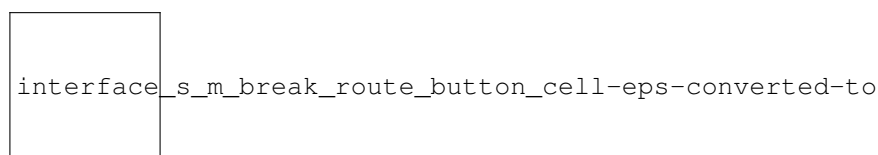
- IBOutlet UILabel \* **labelAddressTop**
- IBOutlet UILabel \* **labelAddressBottom**
- IBOutlet UIImageView \* **imageViewAddress**
- IBOutlet UILabel \* **labelDistance**
- IBOutlet UIImageView \* **imageViewDistance**
- IBOutlet UIView \* **viewAddress**
- IBOutlet UIView \* **viewDistance**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMBikeWaypointCell.h
- ibikecph/Classes/SMBikeWaypointCell.m

## 5.35 SMBreakRouteButtonCell Class Reference

Inheritance diagram for SMBreakRouteButtonCell:



## Properties

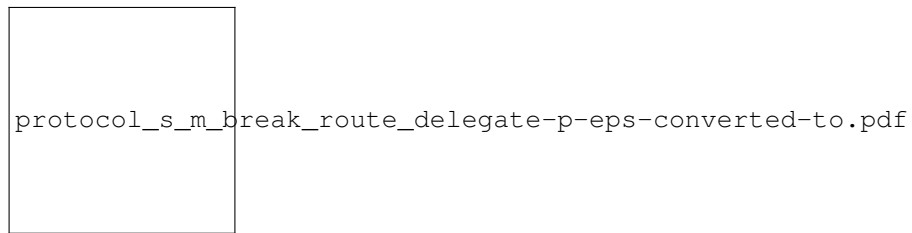
- IBOutlet [SMPatternedButton](#) \* **btnBreakRoute**

The documentation for this class was generated from the following file:

- `ibikecph/Views/SMBreakRouteButtonCell.h`

## 5.36 <SMBreakRouteDelegate> Protocol Reference

Inheritance diagram for <SMBreakRouteDelegate>:



## Instance Methods

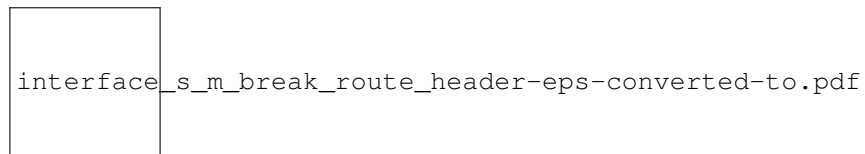
- (void) - **didStartBreakingRoute:**
- (void) - **didFinishBreakingRoute:**
- (void) - **didFailBreakingRoute:**
- (void) - **didCalculateRouteDistances:**

The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMTripRoute.h`

## 5.37 SMBreakRouteHeader Class Reference

Inheritance diagram for SMBreakRouteHeader:



## Properties

- IBOutlet UILabel \* **title**
- IBOutlet UILabel \* **routeDistance**

The documentation for this class was generated from the following file:

- `ibikecph/Views/SMBreakRouteHeader.h`

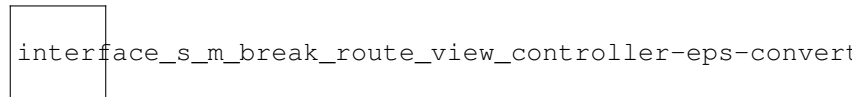
## 5.38 SMBreakRouteHeader() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMBreakRouteHeader.m`

## 5.39 SMBreakRouteViewController Class Reference

Inheritance diagram for SMBreakRouteViewController:



### Properties

- IBOutlet UITableView \* **tableView**
- IBOutlet [SMPatternedButton](#) \* **buttonAddressDestination**
- IBOutlet [SMPatternedButton](#) \* **buttonAddressSource**
- [SMTripRoute](#) \* **tripRoute**
- [SMRoute](#) \* **fullRoute**
- [SMStationInfo](#) \* **sourceStation**
- [SMStationInfo](#) \* **destinationStation**
- NSString \* **sourceName**
- NSString \* **destinationName**
- NSString \* **sourceAddress**
- NSString \* **destinationAddress**

### Additional Inherited Members

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMBreakRouteViewController.h`

## 5.40 SMBreakRouteViewController() Category Reference

### Protected Attributes

- NSArray \* **sourceStations**
- NSArray \* **sourceStationsFiltered**
- NSArray \* **destinationStations**
- NSArray \* **pickerModel**
- [SMAddressPickerView](#) \* **addressPickerView**
- [SMRoute](#) \* **tempStartRoute**
- [SMRoute](#) \* **tempFinishRoute**
- float **startDistance**
- int **startTime**
- float **endDistance**
- int **endTime**

## Properties

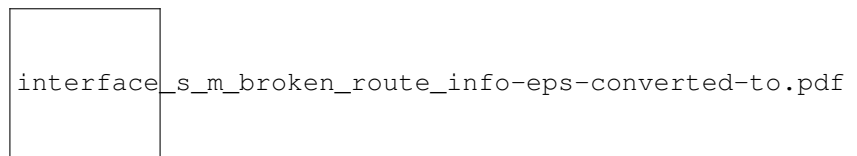
- IBOutlet UILabel \* **titleLabel**
- NSMutableArray \* **stationNames**
- NSMutableArray \* **destStationNames**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMBreakRouteViewController.m`

## 5.41 SMBrokenRouteInfo Class Reference

Inheritance diagram for SMBrokenRouteInfo:



## Properties

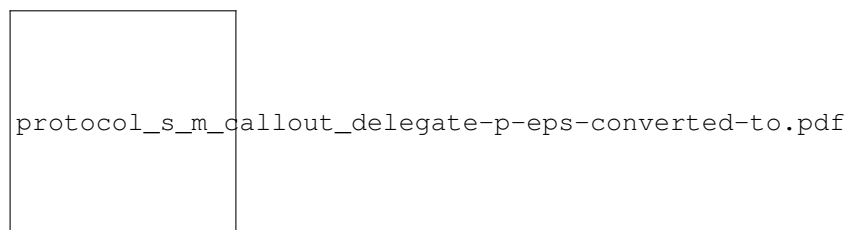
- [SMStationInfo](#) \* **sourceStation**
- [SMStationInfo](#) \* **destinationStation**
- [SMTransportationLine](#) \* **transportationLine**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMBrokenRouteInfo.h`

## 5.42 <SMCalloutDelegate> Protocol Reference

Inheritance diagram for <SMCalloutDelegate>:



## Instance Methods

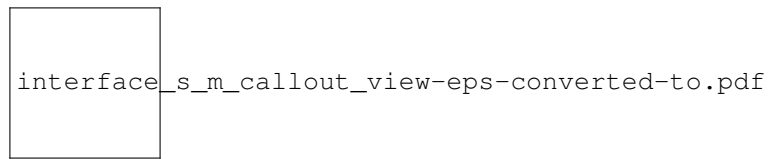
- (void) - **buttonClicked**

The documentation for this protocol was generated from the following file:

- `ibikecph/Views/SMCalloutView.h`

## 5.43 SMCalloutView Class Reference

Inheritance diagram for SMCalloutView:



### Class Methods

- ([SMCalloutView](#) \*) + **getFromNib**
- (CGFloat) + **getHeight**

### Properties

- id< [SMCalloutDelegate](#) > **delegate**
- IBOutlet UILabel \* **calloutLabel**
- IBOutlet UILabel \* **calloutSublabel**
- IBOutlet UIButton \* **calloutButton**
- IBOutlet UIImageView \* **bgLeft**
- IBOutlet UIImageView \* **bgMiddle**
- IBOutlet UIImageView \* **bgRight**
- IBOutlet UIImageView \* **markerIcon**
- IBOutlet UIImageView \* **markerIcon2**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMCalloutView.h`
- `ibikecph/Views/SMCalloutView.m`

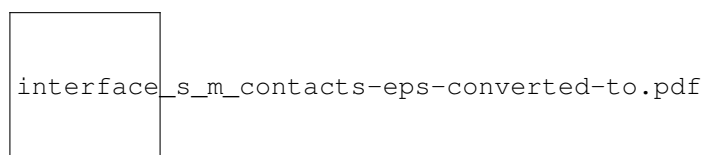
## 5.44 SMCalloutView() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMCalloutView.m`

## 5.45 SMContacts Class Reference

Inheritance diagram for SMContacts:



## Instance Methods

- (void) - **loadContacts**
- (id) - **initWithDelegate:**

## Properties

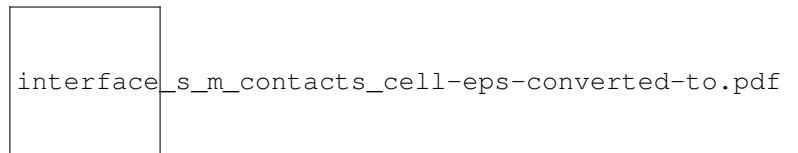
- id< [SMContactsDelegate](#) > **delegate**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMContacts.h`
- `ibikecph/Classes/SMContacts.m`

## 5.46 SMContactsCell Class Reference

Inheritance diagram for SMContactsCell:



## Class Methods

- (CGFloat) + **getHeight**

## Protected Attributes

- `__weak IBOutlet UIImageView * cellIBG`

## Properties

- IBOutlet UIImageView \* **contactImage**
- IBOutlet UILabel \* **contactName**
- IBOutlet UIImageView \* **contactDisclosure**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMContactsCell.h`
- `ibikecph/Views/SMContactsCell.m`

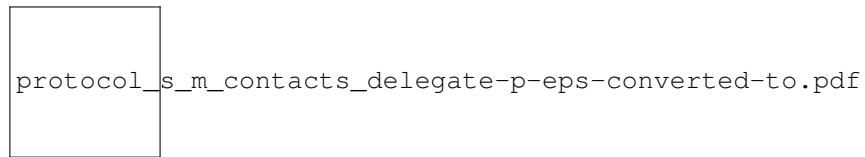
## 5.47 SMContactsCell() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMContactsCell.m`

## 5.48 <SMContactsDelegate> Protocol Reference

Inheritance diagram for <SMContactsDelegate>:



### Instance Methods

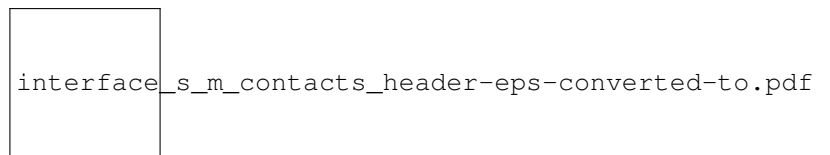
- (void) - **addressBookHelperError:**
- (void) - **addressBookHelperDeniedAccess:**
- (void) - **addressBookHelper:finishedLoading:**

The documentation for this protocol was generated from the following file:

- ibikecph/Classes/SMContacts.h

## 5.49 SMContactsHeader Class Reference

Inheritance diagram for SMContactsHeader:



### Class Methods

- (CGFloat) + **getHeight**

### Properties

- id< [SMContactsHeaderDelegate](#) > **delegate**
- IBOutlet UIImageView \* **headerImage**
- IBOutlet UILabel \* **headerText**
- IBOutlet UIButton \* **headerButton**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMContactsHeader.h
- ibikecph/Views/SMContactsHeader.m

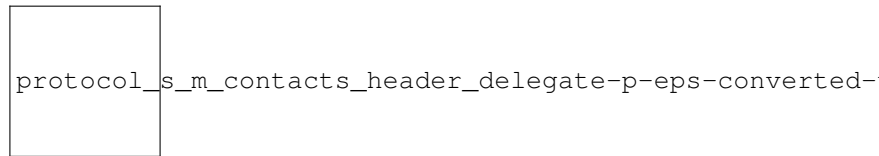
## 5.50 SMContactsHeader() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Views/SMContactsHeader.m

## 5.51 <SMContactsHeaderDelegate> Protocol Reference

Inheritance diagram for <SMContactsHeaderDelegate>:



### Instance Methods

- (void) - **buttonPressed:**

The documentation for this protocol was generated from the following file:

- ibikecph/Views/SMContactsHeader.h

## 5.52 SMCustomButton Class Reference

Inheritance diagram for SMCustomButton:



### Instance Methods

- (void) - **resizeToFitTheTextWithMinWidth:andMaxWidth:**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMCustomButton.h
- ibikecph/Views/SMCustomButton.m

## 5.53 SMCustomButton() Category Reference

### Properties

- float **minWidth**
- float **maxWidth**
- float **padding**
- BOOL **shouldResizeToText**

The documentation for this category was generated from the following file:

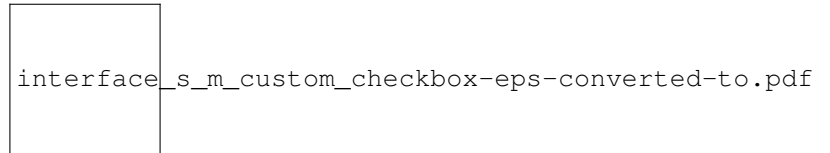
- ibikecph/Views/SMCustomButton.m



## 5.54 SMCustomCheckbox Class Reference

```
#import <SMCustomCheckbox.h>
```

Inheritance diagram for SMCustomCheckbox:



### Properties

- BOOL **on**

#### 5.54.1 Detailed Description

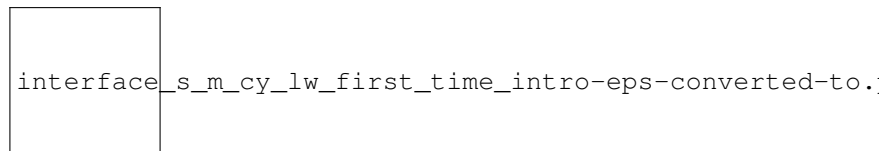
Custom checkbox

The documentation for this class was generated from the following file:

- `ibikecph/Views/SMCustomCheckbox.h`

## 5.55 SMCyLwFirstTimeIntro Class Reference

Inheritance diagram for SMCyLwFirstTimeIntro:



### Instance Methods

- (IBAction) - **onExit:**

### Properties

- IBOutlet UIButton \* **exitButton**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMCyLwFirstTimeIntro.h`
- `ibikecph/Views/SMCyLwFirstTimeIntro.m`

## 5.56 SMCyLwFirstTimeIntro() Category Reference

## Properties

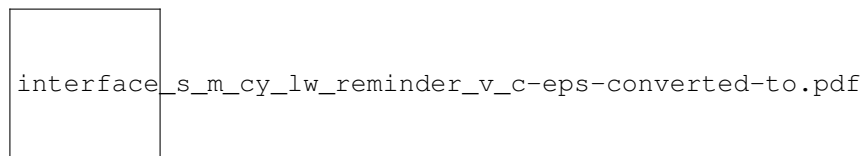
- IBOutlet UIButton \* **btnExitGuide**
- IBOutlet UILabel \* **screenTitle**
- IBOutlet UILabel \* **screenTopText**
- IBOutlet UILabel \* **screenBottomText**

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMCyLwFirstTimeIntro.m`

## 5.57 SMCyLwReminderVC Class Reference

Inheritance diagram for SMCyLwReminderVC:



## Instance Methods

- (IBAction) - **saveReminder:**
- (IBAction) - **skip:**

## Properties

- IBOutlet UISwitch \* **swMonday**
- IBOutlet UISwitch \* **swTuesday**
- IBOutlet UISwitch \* **swWednesday**
- IBOutlet UISwitch \* **swThursday**
- IBOutlet UISwitch \* **swFriday**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMCyLwReminderVC.h`
- `ibikecph/Views/SMCyLwReminderVC.m`

## 5.58 SMCyLwReminderVC() Category Reference

## Properties

- IBOutlet UILabel \* **screenTitle**
- IBOutlet UILabel \* **screenText**
- IBOutlet [SMPatternedButton](#) \* **btnSave**
- IBOutlet UIButton \* **btnSkip**
- IBOutlet UILabel \* **monday**
- IBOutlet UILabel \* **tuesday**
- IBOutlet UILabel \* **wednesday**
- IBOutlet UILabel \* **thursday**

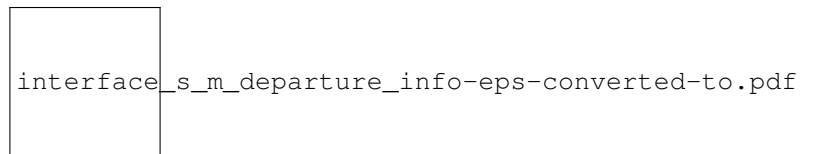
- IBOutlet UILabel \* **friday**

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMCyLwReminderVC.m`

## 5.59 SMDepartureInfo Class Reference

Inheritance diagram for SMDepartureInfo:



### Properties

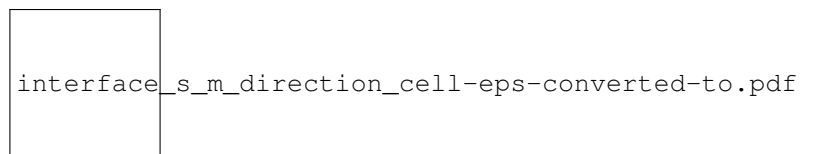
- [SMTime](#) \* **dayStart**
- [SMTime](#) \* **dayEnd**
- [SMTime](#) \* **nightStart**
- [SMTime](#) \* **nightEnd**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMDepartureInfo.h`

## 5.60 SMDirectionCell Class Reference

Inheritance diagram for SMDirectionCell:



### Instance Methods

- (void) - **renderViewFromInstruction:**

### Class Methods

- (CGFloat) + **getHeight**
- (CGFloat) + **getHeightForDescription:andWayname:**

## Properties

- IBOutlet UILabel \* **lblDescription**
- IBOutlet UIImageView \* **imgDirection**
- IBOutlet UILabel \* **lblDistance**
- IBOutlet UILabel \* **lblWayname**
- IBOutlet UIImageView \* **imgBackground**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMDirectionCell.h
- ibikecph/Views/SMDirectionCell.m

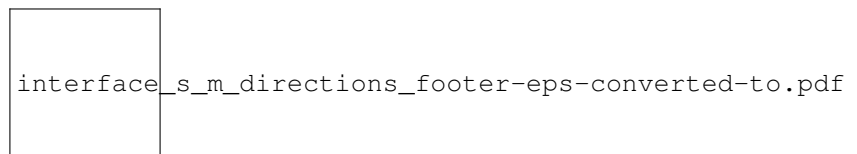
## 5.61 SMDirectionCell() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Views/SMDirectionCell.m

## 5.62 SMDirectionsFooter Class Reference

Inheritance diagram for SMDirectionsFooter:



## Class Methods

- (CGFloat) + **getHeight**
- (SMDirectionsFooter \*) + **getFromNib**

## Properties

- IBOutlet UILabel \* **label**
- id< ViewTapDelegate > **delegate**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMDirectionsFooter.h
- ibikecph/Views/SMDirectionsFooter.m

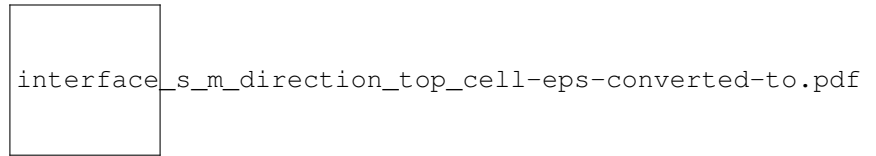
## 5.63 SMDirectionsFooter() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Views/SMDirectionsFooter.m

## 5.64 SMDirectionTopCell Class Reference

Inheritance diagram for SMDirectionTopCell:



### Instance Methods

- (void) - **renderViewFromInstruction:**

### Class Methods

- (CGFloat) + **getHeight**
- (CGFloat) + **getHeightForDescription:andWayname:**

### Properties

- IBOutlet UILabel \* **lblDescription**
- IBOutlet UIImageView \* **imgDirection**
- IBOutlet UILabel \* **lblDistance**
- IBOutlet UILabel \* **lblWayname**
- NSInteger **position**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMDirectionTopCell.h
- ibikecph/Views/SMDirectionTopCell.m

## 5.65 SMTEmptyFavoritesCell Class Reference

Inheritance diagram for SMTEmptyFavoritesCell:



### Class Methods

- (CGFloat) + **getHeight**

## Properties

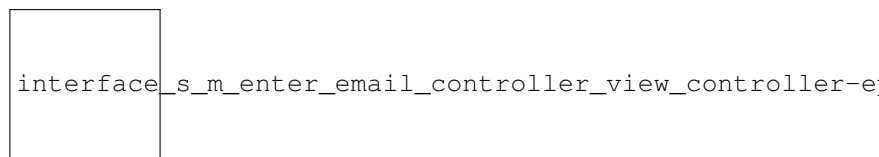
- IBOutlet UILabel \* **text**
- IBOutlet UILabel \* **addFavoritesText**
- IBOutlet UIImageView \* **addFavoritesSymbol**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMEEmptyFavoritesCell.h
- ibikecph/Views/SMEEmptyFavoritesCell.m

## 5.66 SMEnterEmailControllerViewController Class Reference

Inheritance diagram for SMEnterEmailControllerViewController:



## Protected Attributes

- \_\_weak IBOutlet UITextField \* **emailField**
- \_\_weak IBOutlet UIScrollView \* **scrIView**

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMEnterEmailControllerViewController.h

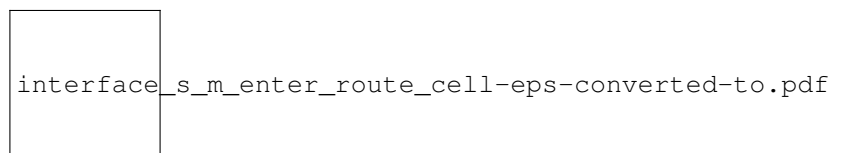
## 5.67 SMEnterEmailControllerViewController() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Classes/SMEnterEmailControllerViewController.m

## 5.68 SMEnterRouteCell Class Reference

Inheritance diagram for SMEnterRouteCell:



## Class Methods

- (CGFloat) + **getHeight**

## Properties

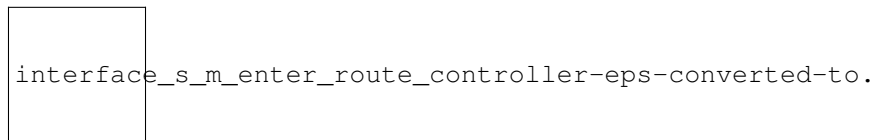
- IBOutlet TTTAttributedLabel \* **nameLabel**
- IBOutlet [AsyncImageView](#) \* **iconImage**
- IBOutlet UIImageView \* **backImage**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMEnterRouteCell.h`
- `ibikecph/Views/SMEnterRouteCell.m`

## 5.69 SMEnterRouteController Class Reference

Inheritance diagram for SMEnterRouteController:



## Protected Attributes

- \_\_weak IBOutlet UILabel \* **fromLabel**
- \_\_weak IBOutlet UITableView \* **tblView**
- \_\_weak IBOutlet UIView \* **fadeView**
- \_\_weak IBOutlet UITextField \* **toLabel**
- \_\_weak IBOutlet UIImageView \* **locationArrow**
- \_\_weak IBOutlet UIButton \* **swapButton**
- \_\_weak IBOutlet UIButton \* **startButton**

## Properties

- id< [EnterRouteDelegate](#) > **delegate**

## Additional Inherited Members

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMEnterRouteController.h`

## 5.70 SMEnterRouteController() Category Reference

## Protected Attributes

- CurrentField **delegateField**
- BOOL **favoritesOpen**
- BOOL **historyOpen**

## Properties

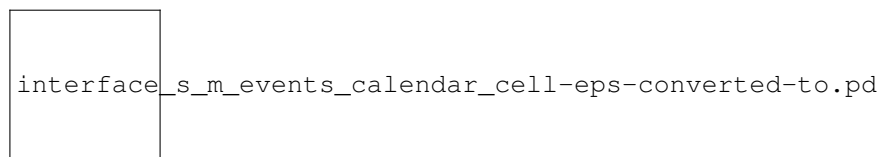
- NSArray \* **groupedList**
- NSDictionary \* **fromData**
- NSDictionary \* **toData**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMEnterRouteController.m`

## 5.71 SMEventsCalendarCell Class Reference

Inheritance diagram for SMEventsCalendarCell:



## Class Methods

- (CGFloat) + **getHeight**

## Properties

- IBOutlet UIImageView \* **cellBG**
- IBOutlet UILabel \* **timeLabel**
- IBOutlet UILabel \* **nameLabel**
- IBOutlet UILabel \* **addressLabel**
- IBOutlet UILabel \* **monthLabel**
- IBOutlet UILabel \* **dayLabel**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMEventsCalendarCell.h`
- `ibikecph/Views/SMEventsCalendarCell.m`

## 5.72 SMEventsCalendarCell() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMEventsCalendarCell.m`

## 5.73 SMEventsFacebookCell Class Reference

Inheritance diagram for SMEventsFacebookCell:





interface\_s\_m\_events\_facebook\_cell-eps-converted-to.pdf

### Class Methods

- (CGFloat) + **getHeight**

### Properties

- IBOutlet UIImageView \* **cellBG**
- IBOutlet [AsyncImageView](#) \* **eventImg**
- IBOutlet UILabel \* **timeLabel**
- IBOutlet UILabel \* **nameLabel**
- IBOutlet UILabel \* **addressLabel**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMEventsFacebookCell.h
- ibikecph/Views/SMEventsFacebookCell.m

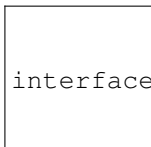
## 5.74 SMEventsFacebookCell() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Views/SMEventsFacebookCell.m

## 5.75 SMEventsHeader Class Reference

Inheritance diagram for SMEventsHeader:



interface\_s\_m\_events\_header-eps-converted-to.pdf

### Instance Methods

- (void) - **setupHeaderWithData:**

### Class Methods

- (CGFloat) + **getHeight**

## Properties

- IBOutlet UILabel \* **dayLabel**
- IBOutlet UILabel \* **dateLabel**
- IBOutlet UIView \* **containerView**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMEventsHeader.h
- ibikecph/Views/SMEventsHeader.m

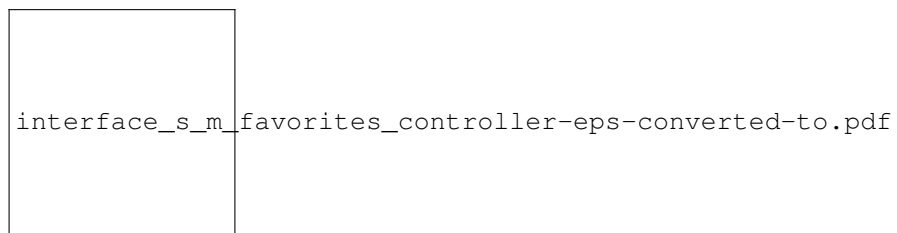
## 5.76 SMEventsHeader() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Views/SMEventsHeader.m

## 5.77 SMFavoritesController Class Reference

Inheritance diagram for SMFavoritesController:



## Protected Attributes

- \_\_weak IBOutlet UITextField \* **favoriteHome**
- \_\_weak IBOutlet UITextField \* **favoriteWork**
- \_\_weak IBOutlet UIScrollView \* **scrIView**
- \_\_weak IBOutlet UIView \* **favoritesView**

## Additional Inherited Members

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMFavoritesController.h

## 5.78 SMFavoritesController() Category Reference

## Protected Attributes

- FavoriteType **searchFav**

## Properties

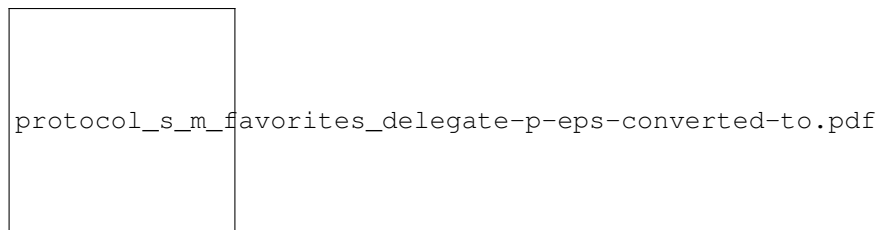
- IBOutlet UILabel \* **screenTitle**
- IBOutlet UILabel \* **screenText**
- IBOutlet [SMPatternedButton](#) \* **btnSave**
- IBOutlet UIButton \* **btnSkip**
- NSDictionary \* **homeDict**
- NSDictionary \* **workDict**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMFavoritesController.m`

## 5.79 <SMFavoritesDelegate> Protocol Reference

Inheritance diagram for <SMFavoritesDelegate>:



## Instance Methods

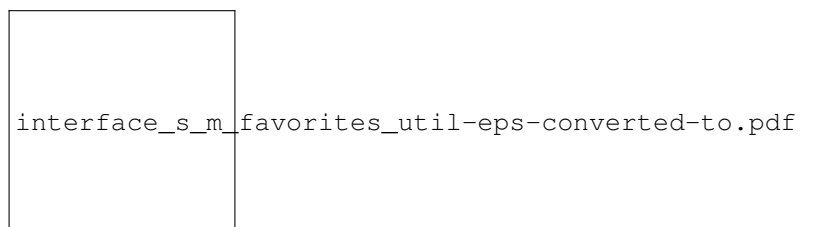
- (void) - **favoritesOperationFinishedSuccessfully:withData:**
- (void) - **favoritesOperation:failedWithError:**

The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMFavoritesUtil.h`

## 5.80 SMFavoritesUtil Class Reference

Inheritance diagram for SMFavoritesUtil:



## Instance Methods

- ([SMFavoritesUtil](#) \*) - **initWithDelegate:**
- (void) - **fetchFavoritesFromServer**

- (void) - **addFavoriteToServer:**
- (void) - **deleteFavoriteFromServer:**
- (void) - **editFavorite:**

### Class Methods

- (NSMutableArray \*) + **getFavorites**
- (BOOL) + **saveToFavorites:**
- (BOOL) + **saveFavorites:**
- ([SMFavoritesUtil](#) \*) + **instance**

### Properties

- id< [SMFavoritesDelegate](#) > **delegate**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMFavoritesUtil.h`
- `ibikecph/Classes/SMFavoritesUtil.m`

## 5.81 SMFavoritesUtil() Category Reference

### Properties

- [SMAPIRequest](#) \* **apr**
- [SMAppDelegate](#) \* **appDelegate**

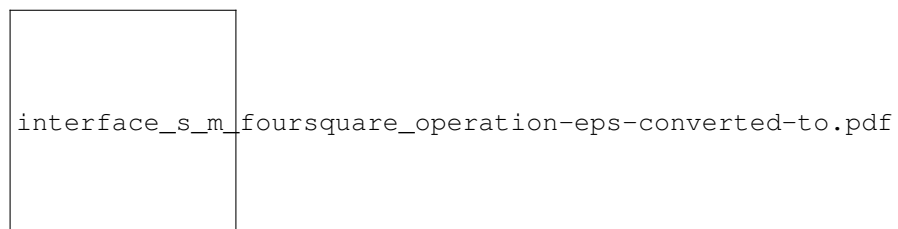
The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMFavoritesUtil.m`

## 5.82 SMFoursquareOperation Class Reference

```
#import <SMFoursquareOperation.h>
```

Inheritance diagram for SMFoursquareOperation:



### Additional Inherited Members

#### 5.82.1 Detailed Description

Foursquare API operations

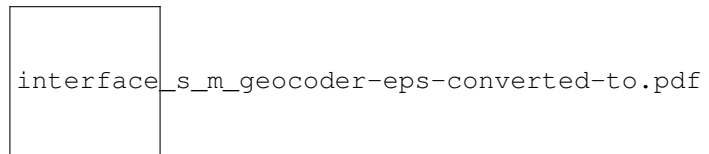
The documentation for this class was generated from the following file:

- [ibikecph/Libs/routing-engine/APIQueue/SMFoursquareOperation.h](#)

## 5.83 SMGeocoder Class Reference

```
#import <SMGeocoder.h>
```

Inheritance diagram for SMGeocoder:



### Class Methods

- (void) + [geocode:completionHandler:](#)
- (void) + [oiorestGeocode:completionHandler:](#)
- (void) + [appleGeocode:completionHandler:](#)
- (void) + [reverseGeocode:completionHandler:](#)
- (void) + [oiorestReverseGeocode:completionHandler:](#)

### 5.83.1 Detailed Description

Geocoder/reverse geocoder

uses KFT, OIOREST or Apple's API

### 5.83.2 Method Documentation

**5.83.2.1** + (void) geocode: (NSString\*) *str* completionHandler:(void(^)(NSArray\* placemarks, NSError\* error)) *handler*

geocoding function that uses eithe Apple's, OIOREST or KFT geocoder

**5.83.2.2** + (void) reverseGeocode: (CLLocationCoordinate2D) *coord* completionHandler:(void(^)(NSDictionary \* response, NSError\* error)) *handler*


reverse geocoding uses eithe Apple's, OIOREST or KFT reverse geocoder

The documentation for this class was generated from the following files:

- [ibikecph/Libs/routing-engine/SMGeocoder.h](#)
- [ibikecph/Libs/routing-engine/SMGeocoder.m](#)

## 5.84 SMGPSTrackButton Class Reference

Inheritance diagram for SMGPSTrackButton:



interface\_s\_m\_g\_p\_s\_track\_button-eps-converted-to.pdf

### Instance Methods

- (void) - **newGpsTrackState:**

### Properties

- ButtonStateType **gpsTrackState**
- ButtonStateType **prevGpsTrackState**

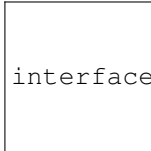
The documentation for this class was generated from the following files:

- ibikecph/Views/SMGPSTrackButton.h
- ibikecph/Views/SMGPSTrackButton.m

## 5.85 SMGPSUtil Class Reference

```
#import <SMGPSUtil.h>
```

Inheritance diagram for SMGPSUtil:



interface\_s\_m\_g\_p\_s\_util-eps-converted-to.pdf

### Class Methods

- (double) + **bearingBetweenStartLocation:andEndLocation:**
- (NSMutableArray \*) + **decodePolyline:**

### Protected Member Functions

- (double) - **distanceFromLineInMeters**
- (CLLocationCoordinate2D) - **closestCoordinate**
- (BOOL) - [sameCoordinates](#)

#### 5.85.1 Detailed Description

Routing engine GPS location utility methods

## 5.85.2 Method Documentation

### 5.85.2.1 - (BOOL) sameCoordinates (CLLocation \*) loc1 (CLLocation \*) loc2

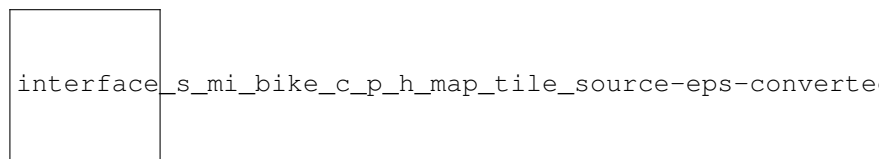
Compares coordinates of two CLLocation objects - returns true if they are the same

The documentation for this class was generated from the following files:

- ibikecph/Libs/routing-engine/SMGPSUtil.h
- ibikecph/Libs/routing-engine/SMGPSUtil.m

## 5.86 SMiBikeCPHMapTileSource Class Reference

Inheritance diagram for SMiBikeCPHMapTileSource:



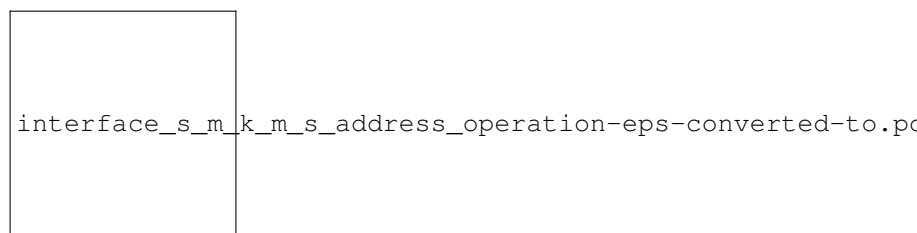
The documentation for this class was generated from the following file:

- ibikecph/Classes/SMiBikeCPHMapTileSource.h

## 5.87 SMKMSAddressOperation Class Reference

```
#import <SMKMSAddressOperation.h>
```

Inheritance diagram for SMKMSAddressOperation:



### Additional Inherited Members

#### 5.87.1 Detailed Description

KMS Address API operation

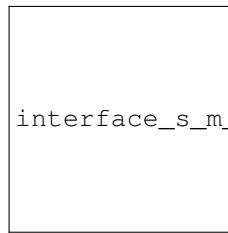
The documentation for this class was generated from the following file:

- ibikecph/Libs/routing-engine/APIQueue/SMKMSAddressOperation.h

## 5.88 SMKMSPlacesOperation Class Reference

```
#import <SMKMSPlacesOperation.h>
```

Inheritance diagram for SMKMSPlacesOperation:



interface\_s\_m\_k\_m\_s\_places\_operation-eps-converted-to.pdf

## Additional Inherited Members

### 5.88.1 Detailed Description

KMS Places API operation

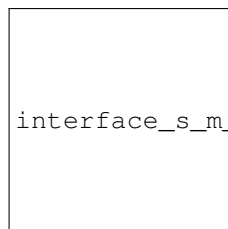
The documentation for this class was generated from the following file:

- `ibikecph/Libs/routing-engine/APIQueue/SMKMSPlacesOperation.h`

## 5.89 SMKMSStreetOperation Class Reference

```
#import <SMKMSStreetOperation.h>
```

Inheritance diagram for SMKMSStreetOperation:



interface\_s\_m\_k\_m\_s\_street\_operation-eps-converted-to.pdf

## Additional Inherited Members

### 5.89.1 Detailed Description

KMS Street API operation

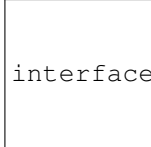
The documentation for this class was generated from the following file:

- `ibikecph/Libs/routing-engine/APIQueue/SMKMSStreetOperation.h`

## 5.90 SMLineData Class Reference

Inheritance diagram for SMLineData:





interface\_s\_m\_line\_data-eps-converted-to.pdf

## Properties

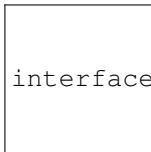
- [SMDepartureInfo](#) \* **departureInfo**
- NSMutableArray \* **arrivalInfos**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMLineData.h
- ibikecph/Classes/SMLineData.m

## 5.91 SMLoadStationsView Class Reference

Inheritance diagram for SMLoadStationsView:



interface\_s\_m\_load\_stations\_view-eps-converted-to.pdf

## Instance Methods

- (void) - **setup**

## Properties

- IBOutlet UIView \* **loadingView**
- IBOutlet UIActivityIndicatorView \* **activityIndicatorView**
- IBOutlet UILabel \* **textLabel**

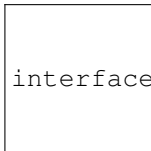
The documentation for this class was generated from the following files:

- ibikecph/Views/SMLoadStationsView.h
- ibikecph/Views/SMLoadStationsView.m

## 5.92 SMLocationManager Class Reference

```
#import <SMLocationManager.h>
```

Inheritance diagram for SMLocationManager:



interface\_s\_m\_location\_manager-eps-converted-to.pdf

### Instance Methods

- (void) - **locationManager:didUpdateToLocation:fromLocation:**
- (void) - **locationManager:didFailWithError:**

### Class Methods

- ([SMLocationManager](#) \*) + **instance**

### Protected Attributes

- CLLocationManager \* **locationManager**

### Properties

- BOOL **hasValidLocation**
- CLLocation \* **lastValidLocation**
- BOOL **locationServicesEnabled**

#### 5.92.1 Detailed Description

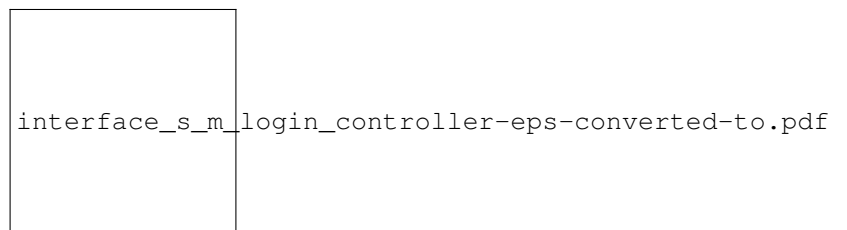
Background location manager

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/SMLocationManager.h`
- `ibikecph/Libs/routing-engine/SMLocationManager.m`

## 5.93 SMLoginController Class Reference

Inheritance diagram for SMLoginController:



### Protected Attributes

- \_\_weak IBOutlet UITextField \* **loginEmail**
- \_\_weak IBOutlet UITextField \* **loginPassword**
- \_\_weak IBOutlet UIScrollView \* **scrIView**

### Additional Inherited Members

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMLoginController.h`

## 5.94 SMLoginController() Category Reference

### Properties

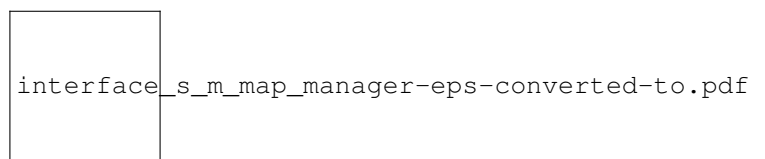
- [SMAPIRequest](#) \* **apr**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMLoginController.m`

## 5.95 SMMapManager Class Reference

Inheritance diagram for SMMapManager:



### Instance Methods

- (void) - **addMarkerToMapView:withCoordinate:title:imageName:annotationTitle:alternateTitle:**

### Class Methods

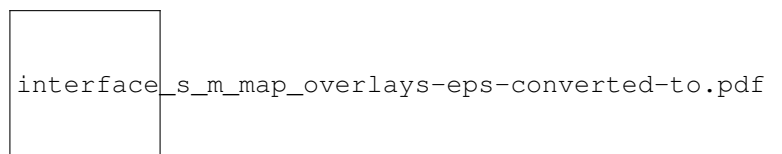
- ([SMMapManager](#) \*) + **instance**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMMapManager.h`
- `ibikecph/Classes/SMMapManager.m`

## 5.96 SMMapOverlays Class Reference

Inheritance diagram for SMMapOverlays:



### Instance Methods

- ([SMMapOverlays](#) \*) - **initWithMapView:**
- (void) - **useMapView:**
- (void) - **loadMarkers**
- (void) - **toggleMarkers:state:**
- (void) - **toggleMarkers**

## Properties

- BOOL **metroMarkersVisible**
- BOOL **serviceMarkersVisible**
- BOOL **stationMarkersVisible**
- BOOL **localTrainMarkersVisible**
- BOOL **pathVisible**
- NSMutableArray \* **metroTimingConst**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMMMapOverlays.h`
- `ibikecph/Classes/SMMMapOverlays.m`

## 5.97 SMMMapOverlays() Category Reference

### Properties

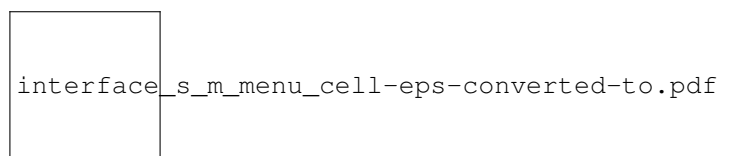
- RMapView \* **mpView**
- NSString \* **source**
- NSMutableArray \* **metroMarkers**
- NSMutableArray \* **serviceMarkers**
- NSMutableArray \* **stationMarkers**
- NSMutableArray \* **localTrainMarkers**
- NSMutableArray \* **bikeRouteCoords**
- NSMutableArray \* **bikeRouteAnnotations**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMMMapOverlays.m`

## 5.98 SMMenuCell Class Reference

Inheritance diagram for SMMenuCell:



### Class Methods

- (CGFloat) + **getHeight**

### Protected Attributes

- \_\_weak IBOutlet UIImageView \* **cellIBG**

## Properties

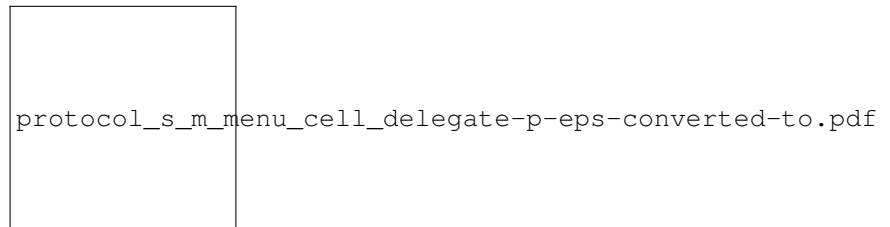
- IBOutlet UIImageView \* **image**
- IBOutlet UILabel \* **text**
- IBOutlet UIButton \* **editBtn**
- id< [SMMenuCellDelegate](#) > **delegate**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMMenuCell.h
- ibikecph/Views/SMMenuCell.m

## 5.99 <SMMenuCellDelegate> Protocol Reference

Inheritance diagram for <SMMenuCellDelegate>:



## Instance Methods

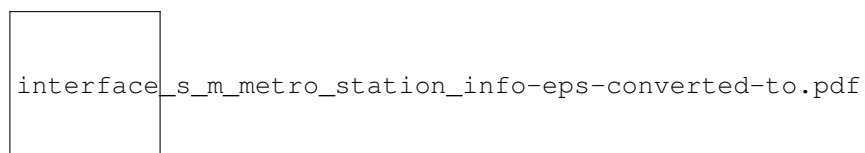
- (void) - **editFavorite:**

The documentation for this protocol was generated from the following file:

- ibikecph/Views/SMMenuCell.h

## 5.100 SMMetroStationInfo Class Reference

Inheritance diagram for SMMetroStationInfo:



## Instance Methods

- (id) - **initWithStation:timeOffset:**

## Properties

- [SMStationInfo](#) \* **station**
- NSNumber \* **timeOffset**

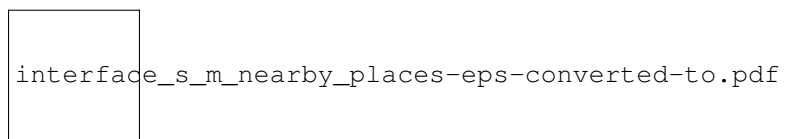
The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMMetroStationInfo.h`
- `ibikecph/Classes/SMMetroStationInfo.m`

## 5.101 SMNearbyPlaces Class Reference

```
#import <SMNearbyPlaces.h>
```

Inheritance diagram for SMNearbyPlaces:



## Instance Methods

- (id) - **initWithDelegate:**
- (void) - **findPlacesForLocation:**

## Properties

- id< [SMNearbyPlacesDelegate](#) > **delegate**
- NSString \* **title**
- NSString \* **subtitle**
- CLLocation \* **coord**

### 5.101.1 Detailed Description

Nearby places locator

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/SMNearbyPlaces.h`
- `ibikecph/Libs/routing-engine/SMNearbyPlaces.m`

## 5.102 SMNearbyPlaces() Category Reference

## Properties

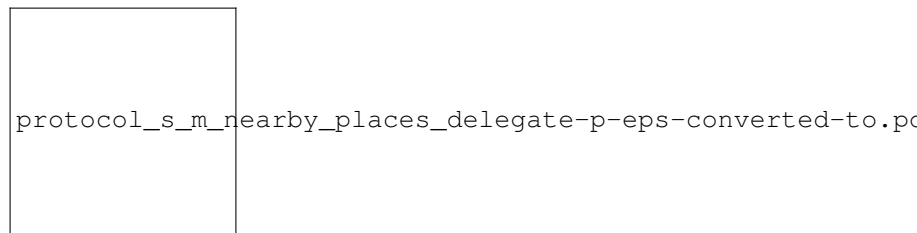
- NSURLConnection \* **conn**
- NSMutableData \* **responseData**

The documentation for this category was generated from the following file:

- `ibikecph/Libs/routing-engine/SMNearbyPlaces.m`

## 5.103 <SMNearbyPlacesDelegate> Protocol Reference

Inheritance diagram for <SMNearbyPlacesDelegate>:



### Instance Methods

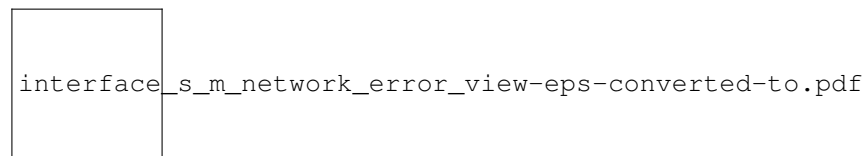
- (void) - **nearbyPlaces:foundLocations:**

The documentation for this protocol was generated from the following file:

- `ibikecph/Libs/routing-engine/SMNearbyPlaces.h`

## 5.104 SMNetworkErrorView Class Reference

Inheritance diagram for SMNetworkErrorView:



### Class Methods

- (CGSize) + **getSize**
- ([SMNetworkErrorView](#) \*) + **getFromNib**

### Properties

- IBOutlet UILabel \* **warningText**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMNetworkErrorView.h`
- `ibikecph/Views/SMNetworkErrorView.m`

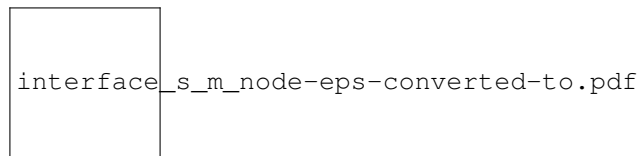
## 5.105 SMNetworkErrorView() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMNetworkErrorView.m`

## 5.106 SMNode Class Reference

Inheritance diagram for SMNode:



### Properties

- NSString \* **ref**
- NSString \* **role**
- CLLocationCoordinate2D **coordinate**

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMNode.h

## 5.107 SMPatternedButton Class Reference

Inheritance diagram for SMPatternedButton:

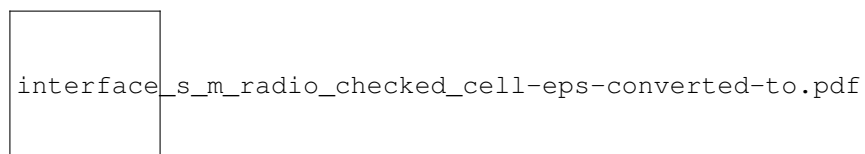


The documentation for this class was generated from the following file:

- ibikecph/Views/SMPatternedButton.h

## 5.108 SMRadioCheckedCell Class Reference

Inheritance diagram for SMRadioCheckedCell:



### Class Methods

- (CGFloat) + **getHeight**



## Properties

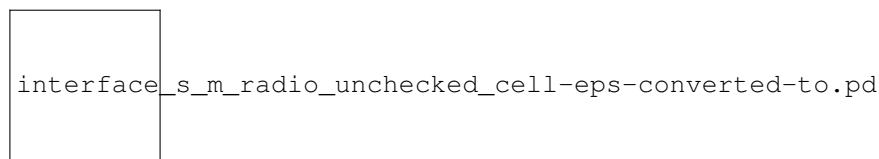
- IBOutlet UILabel \* **radioTitle**
- IBOutlet UITextView \* **radioTextBox**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMRadioCheckedCell.h
- ibikecph/Views/SMRadioCheckedCell.m

## 5.109 SMRadioUncheckedCell Class Reference

Inheritance diagram for SMRadioUncheckedCell:



## Class Methods

- (CGFloat) + **getHeight**

## Properties

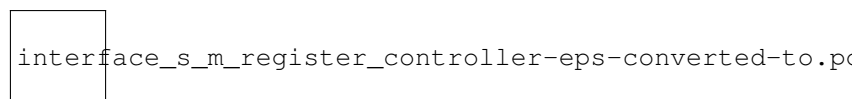
- IBOutlet UILabel \* **radioTitle**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMRadioUncheckedCell.h
- ibikecph/Views/SMRadioUncheckedCell.m

## 5.110 SMRegisterController Class Reference

Inheritance diagram for SMRegisterController:



## Protected Attributes

- \_\_weak IBOutlet UIScrollView \* **scrView**
- \_\_weak IBOutlet UITextField \* **registerName**
- \_\_weak IBOutlet UITextField \* **registerEmail**
- \_\_weak IBOutlet UITextField \* **registerPassword**
- \_\_weak IBOutlet UITextField \* **registerRepeatPassword**
- \_\_weak IBOutlet UIImageView \* **registerImage**

## Additional Inherited Members

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMRegisterController.h`

## 5.111 SMRegisterController() Category Reference

### Properties

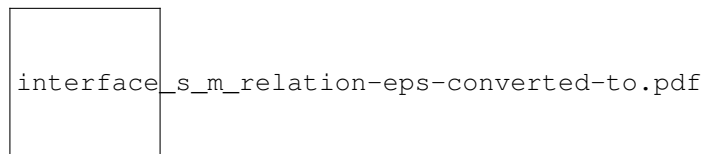
- [SMAPIRequest](#) \* **apr**
- UIImage \* **profileImage**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMRegisterController.m`

## 5.112 SMRelation Class Reference

Inheritance diagram for SMRelation:



### Properties

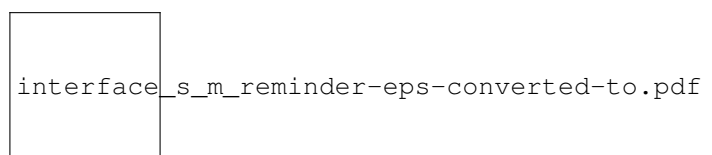
- NSNumber \* **ref**
- NSMutableArray \* **ways**
- NSMutableArray \* **nodes**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMRelation.h`

## 5.113 SMReminder Class Reference

Inheritance diagram for SMReminder:



### Instance Methods

- (void) - **setReminder:forDay:**
- (void) - **setReminder:forDay:save:**
- (BOOL) - **hasReminderForDay:**
- (void) - **save**
- (BOOL) - **isReminderScreenShown**

### Class Methods

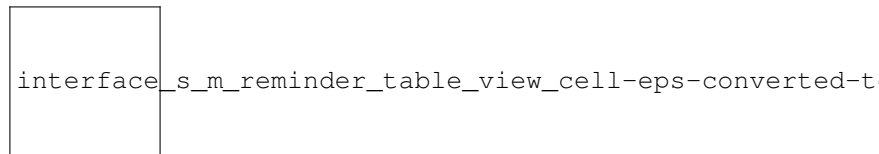
- ([SMReminder](#) \*) + **sharedInstance**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMReminder.h`
- `ibikecph/Classes/SMReminder.m`

## 5.114 SMReminderTableViewCell Class Reference

Inheritance diagram for SMReminderTableViewCell:



### Instance Methods

- (void) - **setupWithTitle:**

### Properties

- Day **currentDay**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMReminderTableViewCell.h`
- `ibikecph/Views/SMReminderTableViewCell.m`

## 5.115 SMReminderTableViewCell() Category Reference

### Properties

- IBOutlet UILabel \* **day**
- IBOutlet UISwitch \* **reminderSwitch**

The documentation for this category was generated from the following file:

- `ibikecph/Views/SMReminderTableViewCell.m`

## 5.116 SMReportErrorController Class Reference

Inheritance diagram for SMReportErrorController:



### Protected Attributes

- \_\_weak IBOutlet UIButton \* **btnSelectRouteSegment**
- \_\_weak IBOutlet [SMCustomCheckbox](#) \* **switchContactMe**
- \_\_weak IBOutlet UIScrollView \* **scrIView**
- \_\_weak IBOutlet UIView \* **fadeView**
- \_\_weak IBOutlet UIPickerView \* **pckrView**
- \_\_weak IBOutlet UITableView \* **tblView**
- \_\_weak IBOutlet UIView \* **reportSentView**
- \_\_weak IBOutlet UITextField \* **reportEmail**
- BOOL **pickerOpen**
- NSInteger **currentSelection**
- \_\_weak IBOutlet UIView \* **bottomView**

### Properties

- NSArray \* **routeDirections**
- NSString \* **source**
- NSString \* **destination**
- CLLocation \* **sourceLoc**
- CLLocation \* **destinationLoc**

### Additional Inherited Members

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMReportErrorController.h`

## 5.117 SMReportErrorController() Category Reference

### Properties

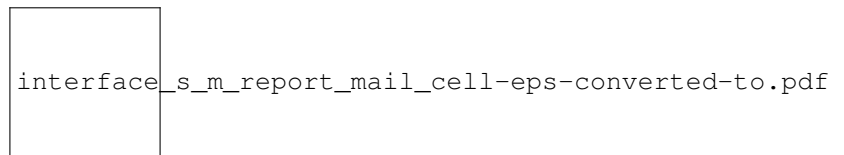
- NSString \* **reportedSegment**
- NSArray \* **possibleErrors**
- NSString \* **reportText**
- [SMAPIRequest](#) \* **apr**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMReportErrorController.m`

## 5.118 SMReportMailCell Class Reference

Inheritance diagram for SMReportMailCell:



### Instance Methods

- (IBAction) - **checkboxSelected:**

### Class Methods

- (CGFloat) + **getHeight**

### Properties

- IBOutlet UIButton \* **checkboxMail**
- IBOutlet UITextView \* **email**

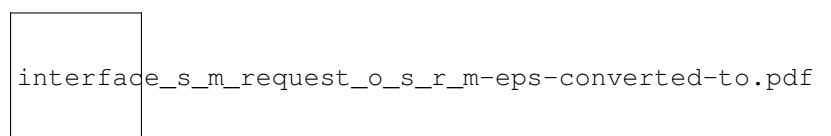
The documentation for this class was generated from the following files:

- `ibikecph/Views/SMReportMailCell.h`
- `ibikecph/Views/SMReportMailCell.m`

## 5.119 SMRequestOSRM Class Reference

```
#import <SMRequestOSRM.h>
```

Inheritance diagram for SMRequestOSRM:



## Instance Methods

- (id) - **initWithDelegate:**
- (void) - **findNearestPointForLocation:**
- (void) - **getRouteFrom:to:via:checksum:destinationHint:**
- (void) - **getRouteFrom:to:via:checksum:**
- (void) - **getRouteFrom:to:via:**
- (void) - **findNearestPointForStart:andEnd:**

## Properties

- id< [SMRequestOSRMDelegate](#) > **delegate**
- CLLocation \* **coord**
- NSString \* **requestIdentifier**
- id **auxParam**
- NSMutableData \* **responseData**
- NSString \* **osrmServer**

### 5.119.1 Detailed Description

OSRM API calls wrapper

The documentation for this class was generated from the following files:

- ibikecph/Libs/routing-engine/SMRequestOSRM.h
- ibikecph/Libs/routing-engine/SMRequestOSRM.m

## 5.120 SMRequestOSRM() Category Reference

### Properties

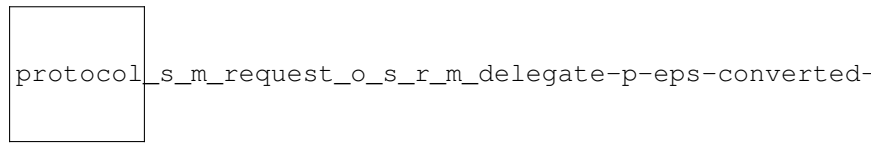
- NSURLConnection \* **conn**
- NSString \* **currentRequest**
- CLLocation \* **startLoc**
- CLLocation \* **endLoc**
- NSInteger **locStep**
- NSInteger **currentZ**
- NSDictionary \* **originalJSON**
- NSString \* **originalChecksum**
- NSString \* **originalStartHint**
- NSString \* **originalDestinationHint**
- NSArray \* **originalViaPoints**
- CLLocationCoordinate2D **originalStart**
- CLLocationCoordinate2D **originalEnd**

The documentation for this category was generated from the following file:

- ibikecph/Libs/routing-engine/SMRequestOSRM.m

## 5.121 <SMRequestOSRMDelegate> Protocol Reference

Inheritance diagram for <SMRequestOSRMDelegate>:



### Instance Methods

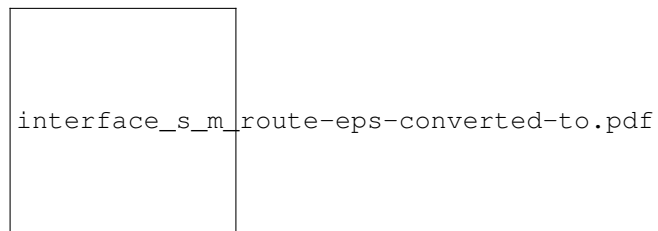
- (void) - **request:finishedWithResult:**
- (void) - **request:failedWithError:**
- (void) - **serverNotReachable**

The documentation for this protocol was generated from the following file:

- `ibikecph/Libs/routing-engine/SMRequestOSRM.h`

## 5.122 SMRoute Class Reference

Inheritance diagram for SMRoute:



### Instance Methods

- (void) - **visitLocation:**
- (CLLocation \*) - **getStartLocation**
- (CLLocation \*) - **getEndLocation**
- (CLLocation \*) - **getFirstVisitedLocation**
- (CLLocation \*) - **getLastVisitedLocation**
- (NSDictionary \*) - **save**
- (CGFloat) - **calculateDistanceTraveled**
- (CGFloat) - **calculateAverageSpeed**
- (CGFloat) - **calculateCaloriesBurned**
- (NSString \*) - **timePassed**
- (id) - **initWithRouteStart:andEnd:andDelegate:**
- (id) - **initWithRouteStart:andEnd:andDelegate:andJSON:**
- (void) - **recalculateRoute:**
- (double) - **getCorrectedHeading**
- (BOOL) - **isOnPath**

## Protected Attributes

- BOOL **approachingTurn**
- double **distanceFromStart**

## Properties

- id< [SMRouteDelegate](#) > **delegate**
- NSMutableArray \* **waypoints**
- NSMutableArray \* **pastTurnInstructions**
- NSMutableArray \* **turnInstructions**
- NSMutableArray \* **visitedLocations**
- SMRouteType **routeType**
- CGFloat **distanceLeft**
- CGFloat **tripDistance**
- CGFloat **averageSpeed**
- CGFloat **caloriesBurned**
- CLLocationCoordinate2D **locationStart**
- CLLocationCoordinate2D **locationEnd**
- BOOL **recalculationInProgress**
- NSInteger **estimatedTimeForRoute**
- NSInteger **estimatedRouteDistance**
- NSString \* **routeChecksum**
- NSString \* **destinationHint**
- CLLocationCoordinate \* **lastCorrectedLocation**
- double **lastCorrectedHeading**
- NSString \* **longestStreet**
- NSInteger **longestDistance**
- NSInteger **lastVisitedWaypointIndex**
- BOOL **snapArrow**
- NSString \* **osrmServer**

### 5.122.1 Method Documentation

#### 5.122.1.1 - (CLLocation \*) getLocation

are we close to the finish (< 10m or 3s left)? if there was only one instruction left go through usual channels we have somehow skipped most of the route (going through a park or unknown street)

#### 5.122.1.2 - (void) visitLocation: (CLLocation \*) loc

are we close to the finish (< 10m or 3s left)?

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/SMRoute.h`
- `ibikecph/Libs/routing-engine/SMRoute.m`



## 5.123 SMRoute() Category Reference

### Properties

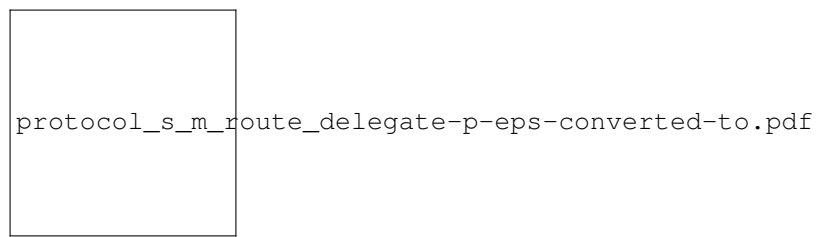
- [SMRequestOSRM](#) \* **request**
- CLLocation \* **lastRecalcLocation**
- NSObject \* **recalcMutex**
- CGFloat **distanceFromRoute**
- NSMutableArray \* **allTurnInstructions**
- NSUInteger **nextWaypoint**

The documentation for this category was generated from the following file:

- `ibikecph/Libs/routing-engine/SMRoute.m`

## 5.124 <SMRouteDelegate> Protocol Reference

Inheritance diagram for <SMRouteDelegate>:



### Instance Methods

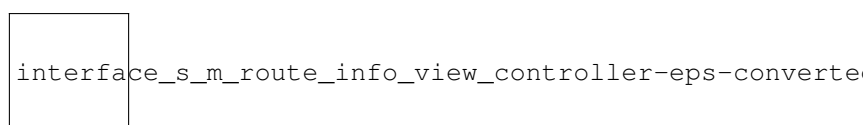
- (void) - **updateTurn:**
- (void) - **reachedDestination**
- (void) - **updateRoute**
- (void) - **startRoute:**
- (void) - **routeNotFound**
- (void) - **serverError**
- (void) - **routeRecalculationStarted**
- (void) - **routeRecalculationDone**

The documentation for this protocol was generated from the following file:

- `ibikecph/Libs/routing-engine/SMRoute.h`

## 5.125 SMRouteInfoViewController Class Reference

Inheritance diagram for SMRouteInfoViewController:



## Properties

- IBOutlet UILabel \* **titleLabel**
- IBOutlet UITableView \* **tableView**
- [SMSingleRouteInfo](#) \* **singleRouteInfo**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMRouteInfoViewController.h`

## 5.126 SMRouteInfoViewController() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMRouteInfoViewController.m`

## 5.127 SMRouteNavigationController Class Reference

Inheritance diagram for SMRouteNavigationController:



## Protected Attributes

- `__weak` IBOutlet UITableView \* **tblDirections**

- \_\_weak IBOutlet UIView \* **instructionsView**
- \_\_weak IBOutlet UIView \* **minimizedInstructionsView**
- \_\_weak IBOutlet UIView \* **progressView**
- \_\_weak IBOutlet UILabel \* **labelTimeLeft**
- \_\_weak IBOutlet UILabel \* **labelDistanceLeft**
- \_\_weak IBOutlet UILabel \* **labelDistanceToNextTurn**
- \_\_weak IBOutlet UIImageView \* **imgNextTurnDirection**
- \_\_weak IBOutlet UIView \* **finishFadeView**
- \_\_weak IBOutlet UILabel \* **finishDistance**
- \_\_weak IBOutlet UILabel \* **finishTime**
- \_\_weak IBOutlet UILabel \* **finishDestination**
- \_\_weak IBOutlet UIView \* **recalculatingView**
- \_\_weak IBOutlet [SMGPSTrackButton](#) \* **buttonTrackUser**
- \_\_weak IBOutlet UIScrollView \* **swipableView**
- \_\_weak IBOutlet UIView \* **routeOverview**
- \_\_weak IBOutlet UILabel \* **overviewDestinationBottom**
- \_\_weak IBOutlet UILabel \* **overviewDestination**
- \_\_weak IBOutlet UILabel \* **overviewTimeDistance**
- \_\_weak IBOutlet UIView \* **stopView**
- \_\_weak IBOutlet UIButton \* **closeButton**
- \_\_weak IBOutlet UIImageView \* **arrivalBG**
- \_\_weak IBOutlet UIImageView \* **swipeLeftArrow**
- \_\_weak IBOutlet UIImageView \* **swipeRightArrow**
- \_\_weak IBOutlet UIImageView \* **noConnectionView**
- \_\_weak IBOutlet UIView \* **finishView**
- \_\_weak IBOutlet UILabel \* **finishStreet**
- \_\_weak IBOutlet UIImageView \* **pullHandleImageView**
- \_\_weak IBOutlet UIView \* **routeOverviewBottom**
- \_\_weak IBOutlet [FlickableView](#) \* **centerView**
- \_\_weak IBOutlet UIButton \* **breakRouteButton**
- \_\_weak IBOutlet UIView \* **blockingView**
- \_\_weak IBOutlet UIView \* **mapContainer**

## Properties

- BOOL **currentlyRouting**
- BOOL **updateSwipableView**
- CLLocation \* **startLocation**
- CLLocation \* **endLocation**
- NSString \* **destination**
- NSString \* **source**
- IBOutlet UIView \* **mapFade**
- id **jsonRoot**

## Additional Inherited Members

The documentation for this class was generated from the following file:

- [ibikecph/Classes/SMRouteNavigationController.h](#)

## 5.128 SMRouteNavigationController() Category Reference

### Protected Attributes

- DirectionsState **currentDirectionsState**
- CGFloat **lastDirectionsPos**
- CGFloat **touchOffset**
- BOOL **overviewShown**
- RMUserTrackingMode **oldTrackingMode**
- BOOL **shouldShowOverview**
- [SMRoute](#) \* **fullRoute**
- [SMRoute](#) \* **nextRoute**
- [SMTripRoute](#) \* **tempTripRoute**
- [SMRoute](#) \* **tempRoute**

### Properties

- IBOutlet UIImageView \* **cargoHandleImageView**
- IBOutlet UITableView \* **cargoTableView**
- NSArray \* **cargoItems**
- [SMRoute](#) \* **route**
- [SMTripRoute](#) \* **brokenRoute**
- IBOutlet RMMMapView \* **mpView**
- int **directionsShownCount**
- NSMutableSet \* **recycledItems**
- NSMutableSet \* **activeItems**
- NSArray \* **instructionsForScrollview**
- BOOL **pulling**
- NSString \* **osrmServer**
- NSMutableArray \* **stationMarkers**
- NSMutableArray \* **metroMarkers**
- NSMutableArray \* **serviceMarkers**
- BOOL **stationMarkersVisible**
- BOOL **metroMarkersVisible**
- BOOL **serviceMarkersVisible**
- BOOL **pathVisible**

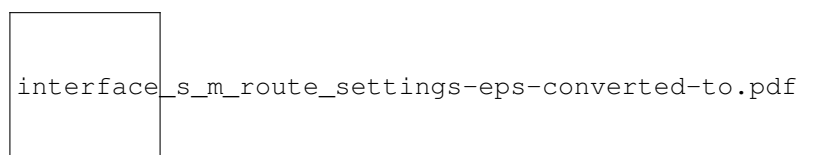
The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMRouteNavigationController.m`

## 5.129 SMRouteSettings Class Reference

```
#import <SMRouteSettings.h>
```

Inheritance diagram for SMRouteSettings:



## Class Methods

- ([SMRouteSettings](#) \*) + sharedInstance

## Properties

- NSString \* **osrm\_address**
- NSString \* **osrm\_server**
- NSString \* **osrm\_server\_cargo**
- NSString \* **osrm\_server\_green**
- NSNumber \* **geocoding\_search\_radius**
- NSString \* **places\_search\_radius**
- NSString \* **foursquare\_search\_radius**
- int **kort\_search\_radius**
- NSString \* **kort\_service**
- NSString \* **places\_language**
- NSString \* **oiorest\_search\_radius**
- NSString \* **oiorest\_autocomplete\_search\_radius**
- NSNumber \* **use\_apple\_geocoder**
- NSString \* **foursquare\_id**
- NSString \* **foursquare\_secret**
- NSString \* **foursquare\_categories**
- NSString \* **foursquare\_limit**
- NSString \* **kort\_username**
- NSString \* **kort\_password**
- NSString \* **kort\_max\_results**
- CGFloat **route\_polyline\_precision**

### 5.129.1 Detailed Description

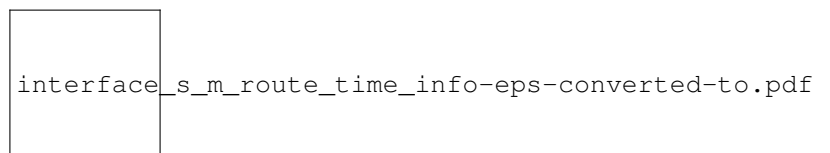
Routing engine settings object

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/SMRouteSettings.h`
- `ibikecph/Libs/routing-engine/SMRouteSettings.m`

## 5.130 SMRouteTimeInfo Class Reference

Inheritance diagram for SMRouteTimeInfo:



## Instance Methods

- (id) - initWithRouteInfo:sourceTime:destinationTime:

## Properties

- [SMSingleRouteInfo](#) \* **routeInfo**
- [SMTime](#) \* **sourceTime**
- [SMTime](#) \* **destTime**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMRouteTimeInfo.h`
- `ibikecph/Classes/SMRouteTimeInfo.m`

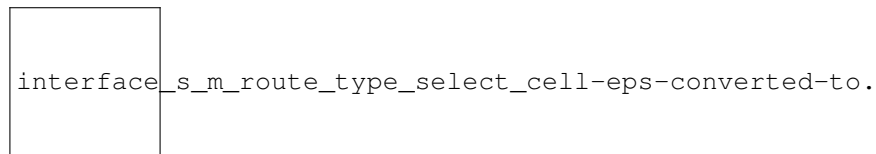
## 5.131 SMRouteTransportationInfo Class Reference

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMRouteTransportationInfo.m`

## 5.132 SMRouteTypeSelectCell Class Reference

Inheritance diagram for SMRouteTypeSelectCell:



## Instance Methods

- (void) - **setupCellWithData:**

## Class Methods

- (CGFloat) + **getHeight**

## Protected Attributes

- \_\_weak IBOutlet UIImageView \* **cellImage**
- \_\_weak IBOutlet UILabel \* **cellText**

## Properties

- IBOutlet UIImageView \* **cellCheckbox**

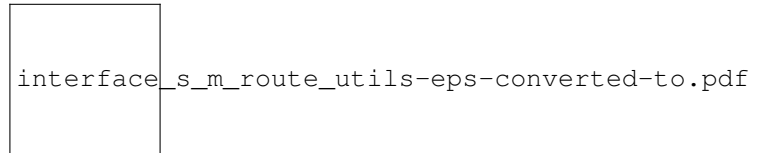
The documentation for this class was generated from the following files:

- `ibikecph/Views/SMRouteTypeSelectCell.h`
- `ibikecph/Views/SMRouteTypeSelectCell.m`

## 5.133 SMRouteUtils Class Reference

```
#import <SMRouteUtils.h>
```

Inheritance diagram for SMRouteUtils:



### Class Methods

- (NSString \*) + **routeFilenameFromTimestampForExtension:**
- (NSInteger) + **pointsForName:andAddress:andTerms:**

### Protected Member Functions

- (NSString \*) - **formatDistance**
- (NSString \*) - **formatTime**
- (NSString \*) - **formatTimePassed**
- (float) - **caloriesBurned**
- (NSString \*) - **expectedArrivalTime**
- (NSString \*) - **formatTimeLeft**

#### 5.133.1 Detailed Description

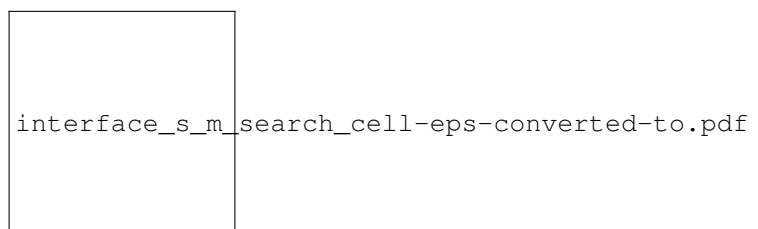
Routing engine utility methods and functions

The documentation for this class was generated from the following files:

- ibikecph/Libs/routing-engine/SMRouteUtils.h
- ibikecph/Libs/routing-engine/SMRouteUtils.m

## 5.134 SMSearchCell Class Reference

Inheritance diagram for SMSearchCell:



### Instance Methods

- (void) - **setImageWithData:**

## Class Methods

- (CGFloat) + **getHeight**

## Properties

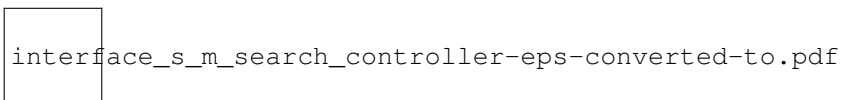
- IBOutlet TTTAttributedLabel \* **nameLabel**
- IBOutlet [AsyncImageView](#) \* **iconImage**

The documentation for this class was generated from the following files:

- ibikecph/Views/SMSearchCell.h
- ibikecph/Views/SMSearchCell.m

## 5.135 SMSearchController Class Reference

Inheritance diagram for SMSearchController:



## Protected Attributes

- \_\_weak IBOutlet UITableView \* **tblView**
- \_\_weak IBOutlet UIView \* **tblFade**
- \_\_weak IBOutlet UITextField \* **searchField**

## Properties

- NSString \* **searchText**
- id< [SMSearchDelegate](#) > **delegate**
- BOOL **shouldAllowCurrentPosition**

## Additional Inherited Members

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMSearchController.h

## 5.136 SMSearchController() Category Reference

## Properties

- NSArray \* **searchResults**
- NSDictionary \* **locationData**
- [SMAutocomplete](#) \* **autocomp**
- NSArray \* **favorites**
- NSMutableArray \* **terms**



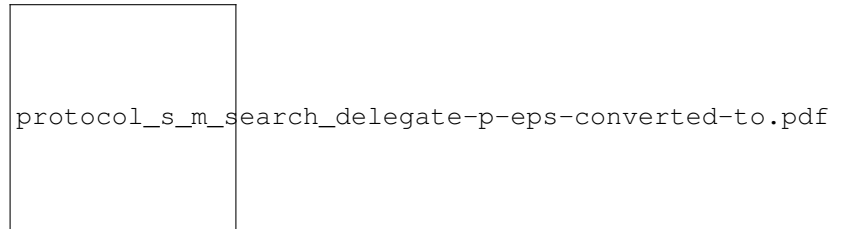
- NSString \* **srchString**
- [SMRequestOSRM](#) \* **req**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMSearchController.m`

## 5.137 <SMSearchDelegate> Protocol Reference

Inheritance diagram for <SMSearchDelegate>:



### Instance Methods

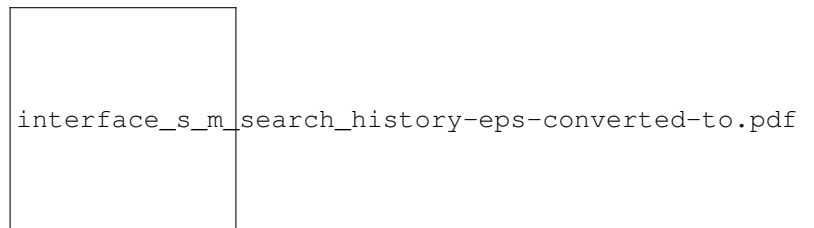
- (void) - **locationFound:**

The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMSearchController.h`

## 5.138 SMSearchHistory Class Reference

Inheritance diagram for SMSearchHistory:



### Instance Methods

- (void) - **fetchSearchHistoryFromServer**
- (void) - **addSearchToServer:**
- (void) - **addFinishedRouteToServer:**

### Class Methods

- ([SMSearchHistory](#) \*) + **instance**
- (NSArray \*) + **getSearchHistory**
- (BOOL) + **saveToSearchHistory:**
- (BOOL) + **saveSearchHistory**

## Properties

- id< [SMSearchHistoryDelegate](#) > **delegate**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMSearchHistory.h`
- `ibikecph/Classes/SMSearchHistory.m`

## 5.139 [SMSearchHistory\(\)](#) Category Reference

### Properties

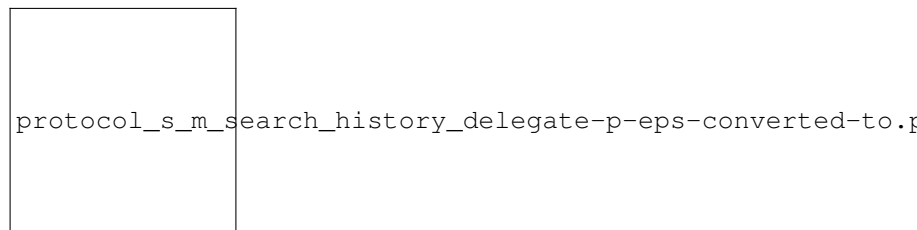
- [SMAPIRequest](#) \* **apr**
- [SMAppDelegate](#) \* **appDelegate**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMSearchHistory.m`

## 5.140 [<SMSearchHistoryDelegate>](#) Protocol Reference

Inheritance diagram for [<SMSearchHistoryDelegate>](#):



### Instance Methods

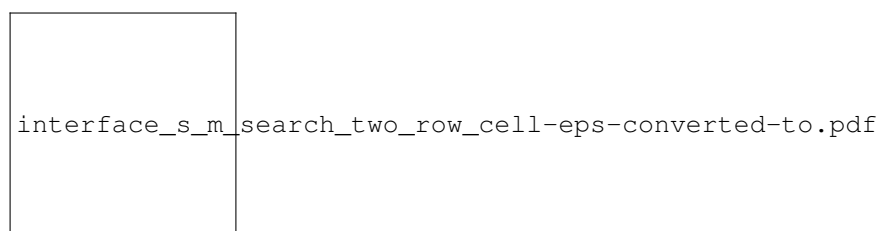
- (void) - **searchHistoryOperationFinishedSuccessfully:withData:**

The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMSearchHistory.h`

## 5.141 [SMSearchTwoRowCell](#) Class Reference

Inheritance diagram for [SMSearchTwoRowCell](#):



## Properties

- IBOutlet TTTAttributedLabel \* **addressLabel**

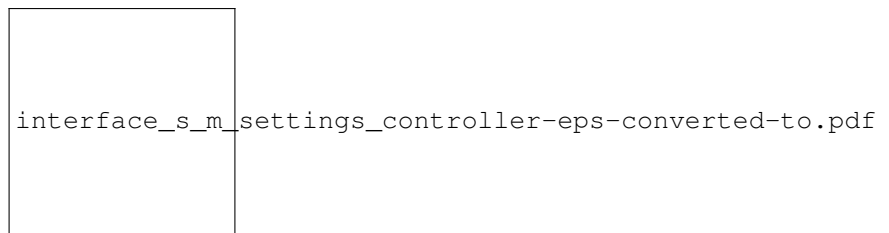
## Additional Inherited Members

The documentation for this class was generated from the following file:

- ibikecph/Views/SMSearchTwoRowCell.h

## 5.142 SMSettingsController Class Reference

Inheritance diagram for SMSettingsController:



## Additional Inherited Members

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMSettingsController.h

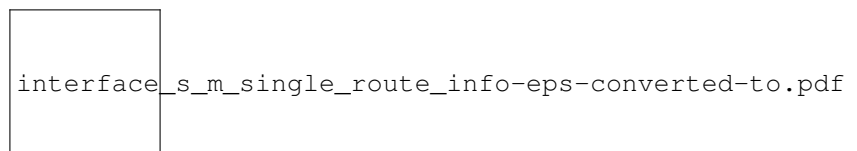
## 5.143 SMSettingsController() Category Reference

The documentation for this category was generated from the following file:

- ibikecph/Classes/SMSettingsController.m

## 5.144 SMSingleRouteInfo Class Reference

Inheritance diagram for SMSingleRouteInfo:



## Instance Methods

- (CLLocation \*) - **startLocation**
- (CLLocation \*) - **endLocation**

## Properties

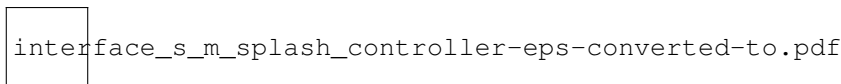
- [SMStationInfo](#) \* **sourceStation**
- [SMStationInfo](#) \* **destStation**
- [SMTransportationLine](#) \* **transportationLine**
- SMStationInfoType **type**
- double **bikeDistance**
- double **distance1**
- double **distance2**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMSingleRouteInfo.h`
- `ibikecph/Classes/SMSingleRouteInfo.m`

## 5.145 SMSplashController Class Reference

Inheritance diagram for SMSplashController:



## Protected Attributes

- `__weak IBOutlet UIView` \* **registerView**
- `__weak IBOutlet UIView` \* **loginView**
- `__weak IBOutlet UIScrollView` \* **registerScroll**
- `__weak IBOutlet UIView` \* **registerDialog**
- `__weak IBOutlet UITextField` \* **nameField**
- `__weak IBOutlet UITextField` \* **emailField**
- `__weak IBOutlet UITextField` \* **passwordField**
- `__weak IBOutlet UITextField` \* **passwordRepeatField**
- `__weak IBOutlet UITextField` \* **loginEmail**
- `__weak IBOutlet UITextField` \* **loginPassword**
- `__weak IBOutlet UIScrollView` \* **loginScroll**
- `__weak IBOutlet UIView` \* **loginDialog**
- `__weak IBOutlet UIButton` \* **registerImage**
- `__weak IBOutlet UIView` \* **dialogView**

## Additional Inherited Members

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMSplashController.h`

## 5.146 SMSplashController() Category Reference

## Protected Attributes

- BOOL **loginInProgress**
- CurrentDialogType **currentDialog**

## Properties

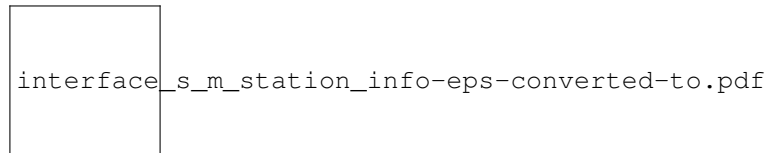
- IBOutlet UIButton \* **btnRegisterWithMail**
- IBOutlet UIButton \* **btnSkip**
- IBOutlet UILabel \* **subtitle**
- [SMAPIRequest](#) \* **apr**
- UIImage \* **profileImage**
- [SMFavoritesUtil](#) \* **favfetch**

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMSplashController.m`

## 5.147 SMStationInfo Class Reference

Inheritance diagram for SMStationInfo:



## Instance Methods

- (id) - **initWithCoordinate:**
- (id) - **initWithLongitude:latitude:**
- (id) - **initWithLongitude:latitude:name:**
- (id) - **initWithLongitude:latitude:name:type:**
- (BOOL) - **isValid**

## Class Methods

- (NSString \*) + **imageNameForType:**

## Properties

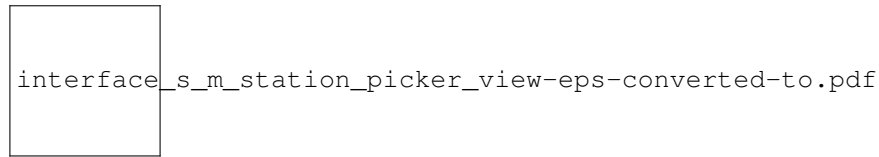
- CLLocation \* **location**
- double **longitude**
- double **latitude**
- NSString \* **name**
- SMStationInfoType **type**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMStationInfo.h`
- `ibikecph/Classes/SMStationInfo.m`

## 5.148 SMStationPickerView Class Reference

Inheritance diagram for SMStationPickerView:



### Properties

- UIPickerView \* **pickerView**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMStationPickerView.h`

## 5.149 SMStationsCache Class Reference

Inheritance diagram for SMStationsCache:



### Instance Methods

- (void) - **load**:
- (void) - **save**:

### Class Methods

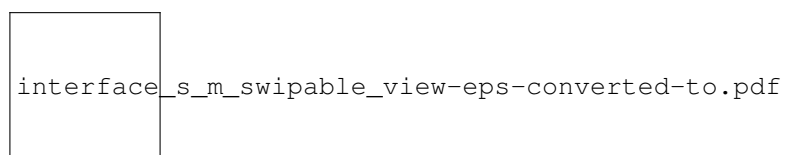
- ([SMStationsCache](#) \*) + **instance**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMStationsCache.h`
- `ibikecph/Classes/SMStationsCache.m`

## 5.150 SMSwipableView Class Reference

Inheritance diagram for SMSwipableView:



## Instance Methods

- (void) - **renderViewFromInstruction:**

## Class Methods

- ([SMSwipeableView](#) \*) + **getFromNib**
- (CGFloat) + **getHeight**

## Properties

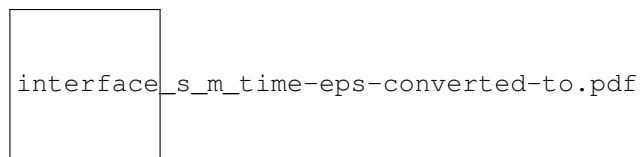
- IBOutlet UILabel \* **lblDescription**
- IBOutlet UIImageView \* **imgDirection**
- IBOutlet UILabel \* **lblDistance**
- IBOutlet UILabel \* **lblWayname**
- NSInteger **position**

The documentation for this class was generated from the following files:

- `ibikecph/Views/SMSwipeableView.h`
- `ibikecph/Views/SMSwipeableView.m`

## 5.151 SMTime Class Reference

Inheritance diagram for SMTime:



## Instance Methods

- (id) - **initWithTime:**
- (int) - **differenceInMinutesFrom:**
- ([SMTime](#) \*) - **differenceFrom:**
- (BOOL) - **isBetween:and:**
- (void) - **addMinutes:**

## Class Methods

- ([SMTime](#) \*) + **timeFromString:**

## Properties

- int **hour**
- int **minutes**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMTime.h`
- `ibikecph/Classes/SMTime.m`

## 5.152 SMTokenButton Class Reference

Inheritance diagram for SMTokenButton:



### Properties

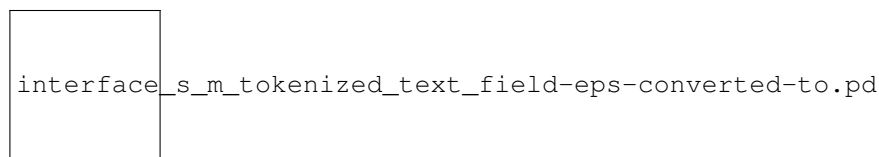
- BOOL **shouldBeDeleted**
- NSInteger **buttonIndex**
- NSString \* **token**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMTokenizedTextField.h`

## 5.153 SMTokenizedTextField Class Reference

Inheritance diagram for SMTokenizedTextField:



### Instance Methods

- (void) - **setTextColor:**
- (BOOL) - [addToken:](#)
- (void) - [setToken:](#)
- (void) - [deleteTokens](#)

### Properties

- id< UITextFieldDelegate > [delegate](#)
- NSString \* **text**
- BOOL **shouldHideTextField**
- UIReturnKeyType **returnKeyType**
- NSMutableArray \* [tokens](#)

### 5.153.1 Method Documentation

#### 5.153.1.1 - (BOOL) addToken: (NSString\*) tokenText

add token to the list



## 5.153.1.2 - (void) deleteTokens

remove all tokens

## 5.153.1.3 - (void) setToken: (NSString\*) text

replace all tokens with a given token

## 5.153.2 Property Documentation

## 5.153.2.1 - (id&lt;UITextFieldDelegate&gt;) delegate [read],[write],[nonatomic],[weak]

textfield stuff

## 5.153.2.2 - (NSMutableArray\*) tokens [read],[write],[nonatomic],[strong]

tokens list

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMTokenizedTextField.h
- ibikecph/Classes/SMTokenizedTextField.m

## 5.154 SMTokenizedTextField() Category Reference

## Properties

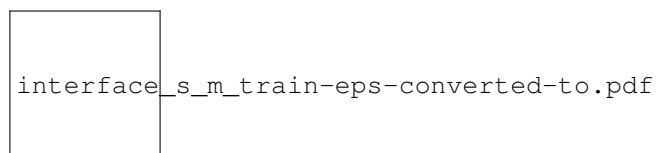
- UITextField \* **txtField**
- UIScrollView \* **scrIView**

The documentation for this category was generated from the following file:

- ibikecph/Classes/SMTokenizedTextField.m

## 5.155 SMTrain Class Reference

Inheritance diagram for SMTrain:



## Instance Methods

- (SMArrivalInformation \*) - **informationForStation:**
- (NSArray \*) - **routeTimestampsForSourceStation:destinationStation:forDay:time:**

## Properties

- NSMutableArray \* **arrivalInformation**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMTrain.h
- ibikecph/Classes/SMTrain.m

## 5.156 SMTranslatedViewController Class Reference

Inheritance diagram for SMTranslatedViewController:



## Properties

- [SMAppDelegate](#) \* **appDelegate**

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMTranslatedViewController.h

## 5.157 SMTranslatedViewController() Category Reference

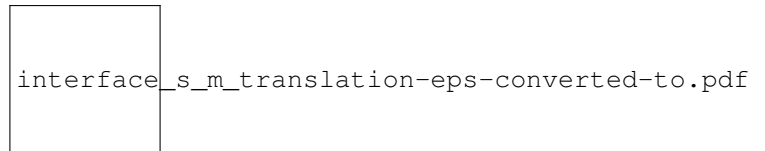
The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMTranslatedViewController.m`

## 5.158 SMTranslation Class Reference

```
#import <SMTranslation.h>
```

Inheritance diagram for SMTranslation:



### Class Methods

- `(SMTranslation *) + instance`
- `(NSString *) + decodeString:`
- `(void) + translateView:`

#### 5.158.1 Detailed Description

On-the-fly translation of strings

#### 5.158.2 Method Documentation

##### 5.158.2.1 `+(SMTranslation *) instance`

init default settings

##### 5.158.2.2 `+(void) translateView: (id) view`

recursively translates given view

The documentation for this class was generated from the following files:

- `ibikecph/Libs/routing-engine/global-utils/SMTranslation.h`
- `ibikecph/Libs/routing-engine/global-utils/SMTranslation.m`

## 5.159 SMTranslation() Category Reference

### Properties

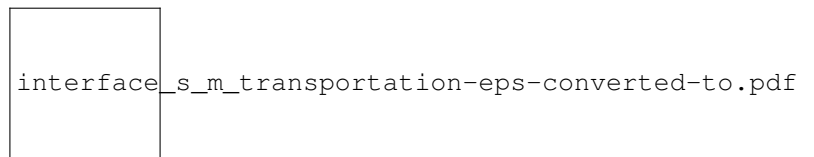
- `NSMutableDictionary * dictionary`

The documentation for this category was generated from the following file:

- `ibikecph/Libs/routing-engine/global-utils/SMTranslation.m`

## 5.160 SMTransportation Class Reference

Inheritance diagram for SMTransportation:



### Instance Methods

- (void) - **save**
- (void) - **validateAndSave**
- (SMStationInfo \*) - **stationWithName:**

### Class Methods

- (SMTransportation \*) + **instance**
- (NSOperationQueue \*) + **transportationQueue**

### Properties

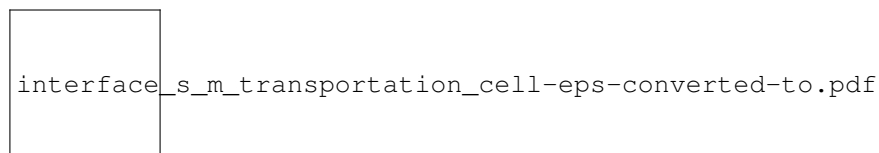
- NSArray \* **allStations**
- NSMutableArray \* **lines**
- NSArray \* **trains**
- BOOL **dataLoaded**
- BOOL **loadingStations**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMTransportation.h
- ibikecph/Classes/SMTransportation.m

## 5.161 SMTransportationCell Class Reference

Inheritance diagram for SMTransportationCell:



### Properties

- IBOutlet UIButton \* **buttonAddressSource**
- IBOutlet UIButton \* **buttonAddressDestination**
- IBOutlet UIButton \* **buttonAddressInfo**
- IBOutlet UIActivityIndicatorView \* **sourceActivityIndicator**

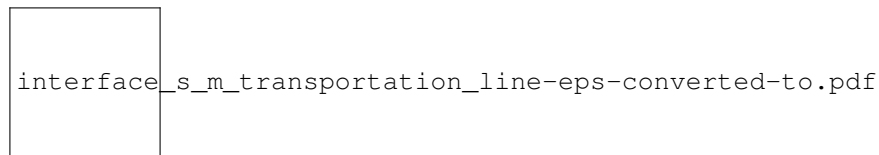
- IBOutlet UIActivityIndicatorView \* **destinationActivityIndicator**
- IBOutlet UIImageView \* **sourceStationIcon**
- IBOutlet UIImageView \* **destStationIcon**

The documentation for this class was generated from the following file:

- `ibikecph/Classes/SMTransportationCell.h`

## 5.162 SMTransportationLine Class Reference

Inheritance diagram for SMTransportationLine:



### Instance Methods

- (id) - **initWithFile:**
- (id) - **initWithRelation:**
- (void) - **loadFromFile:**
- ([SMTransportationLine](#) \*) - **clone**
- (BOOL) - **containsRouteFrom:to:forTime:**
- (int) - **differenceFrom:to:**
- (void) - **addTimestampsForRouteInfo:array:currentTime:time:**

### Properties

- NSArray \* **stations**
- NSString \* **name**
- [SMStationInfo](#) \* **startStation**
- [SMStationInfo](#) \* **endStation**
- [SMLineData](#) \* **weekLineData**
- [SMLineData](#) \* **weekendLineData**
- [SMLineData](#) \* **weekendNightLineData**
- SMStationInfoType **type**

The documentation for this class was generated from the following files:

- `ibikecph/Classes/SMTransportationLine.h`
- `ibikecph/Classes/SMTransportationLine.m`

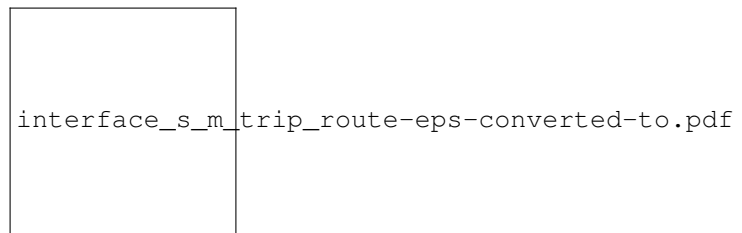
## 5.163 SMTransportationLine() Category Reference

The documentation for this category was generated from the following file:

- `ibikecph/Classes/SMTransportationLine.m`

## 5.164 SMTripRoute Class Reference

Inheritance diagram for SMTripRoute:



### Instance Methods

- (id) - **initWithRoute:**
- (BOOL) - **breakRoute**
- (NSArray \*) - **sortedEndStationsForTransportationLine:**
- (CLLocation \*) - **start**
- (CLLocation \*) - **end**

### Properties

- BOOL **isValid**
- [SMRoute](#) \* **fullRoute**
- [SMBrokenRouteInfo](#) \* **brokenRouteInfo**
- NSArray \* **brokenRoutes**
- NSArray \* **transportationRoutes**
- id< [SMBreakRouteDelegate](#) > **delegate**

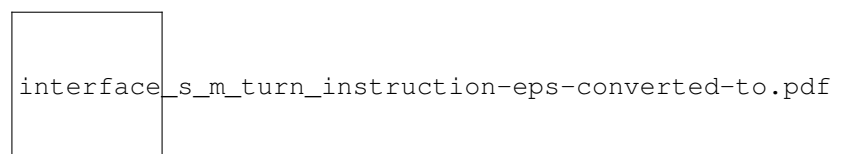
The documentation for this class was generated from the following files:

- [ibikecph/Classes/SMTripRoute.h](#)
- [ibikecph/Classes/SMTripRoute.m](#)

## 5.165 SMTurnInstruction Class Reference

```
#import <SMTurnInstruction.h>
```

Inheritance diagram for SMTurnInstruction:



### Instance Methods

- (CLLocation \*) - **getLocation**
- (UIImage \*) - **smallDirectionIcon**
- (UIImage \*) - **largeDirectionIcon**

- (void) - **generateDescriptionString**
- (void) - **generateStartDescriptionString**
- (void) - **generateFullDescriptionString**
- (void) - **generateShortDescriptionString**

## Properties

- TurnDirection **drivingDirection**
- NSString \* **ordinalDirection**
- NSString \* **wayName**
- int **lengthInMeters**
- int **timeInSeconds**
- NSString \* **lengthWithUnit**
- NSString \* **smallImageName**
- NSString \* **fixedLengthWithUnit**
- NSString \* **directionAbreviation**
- float **azimuth**
- NSInteger **vehicle**
- int **waypointsIndex**
- CLLocation \* **loc**
- NSString \* **shortDescriptionString**
- NSString \* **descriptionString**
- NSString \* **fullDescriptionString**

### 5.165.1 Detailed Description

Turn instruction object

### 5.165.2 Property Documentation

5.165.2.1 - (NSString\*) **fixedLengthWithUnit** [read], [write], [nonatomic], [strong]

Length to next turn in units (km or m) This value will not auto update

5.165.2.2 - (NSInteger) **vehicle** [read], [write], [atomic]

Indicate type of transport

1 - bike 2 - walking 3 - ferry 4 - train

The documentation for this class was generated from the following files:

- ibikecph/Libs/routing-engine/SMTurnInstruction.h
- ibikecph/Libs/routing-engine/SMTurnInstruction.m

## 5.166 SMUser Class Reference

Inheritance diagram for SMUser:



## Class Methods

- (SMUser \*) + **user**

## Properties

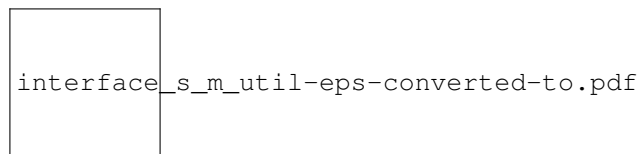
- SMTripRoute \* **tripRoute**
- SMRoute \* **route**

The documentation for this class was generated from the following files:

- ibikecph/Classes/SMUser.h
- ibikecph/Classes/SMUser.m

## 5.167 SMUtil Class Reference

Inheritance diagram for SMUtil:



## Class Methods

- (BOOL) + **isEmailValid:**
- (eRegistrationValidationResult) + **validateRegistrationName:Email:Password:AndRepeatedPassword:**

### 5.167.1 Method Documentation

#### 5.167.1.1 + (BOOL) isEmailValid: (NSString\*) email

creates filename from current timestamp


The documentation for this class was generated from the following files:

- ibikecph/Classes/SMUtil.h
- ibikecph/Classes/SMUtil.m

## 5.168 SMViewController Class Reference

Inheritance diagram for SMViewController:





interface\_s\_m\_view\_controller-eps-converted-to.pdf

### Protected Attributes

- \_\_weak IBOutlet [FlickableView](#) \* **menuView**
- \_\_weak IBOutlet [FlickableView](#) \* **centerView**
- \_\_weak IBOutlet UIView \* **dropPinView**
- CurrentScreenType **currentScreen**
- \_\_weak IBOutlet UITableView \* **tblMenu**
- \_\_weak IBOutlet UIView \* **fadeView**
- \_\_weak IBOutlet UILabel \* **debugLabel**
- \_\_weak IBOutlet [SMGPSTrackButton](#) \* **buttonTrackUser**
- \_\_weak IBOutlet UIView \* **favHeader**
- \_\_weak IBOutlet UIButton \* **remindersHeaderButton**
- \_\_weak IBOutlet UIButton \* **accountHeaderButton**
- \_\_weak IBOutlet UIButton \* **aboutHeaderButton**
- \_\_weak IBOutlet UIView \* **accHeader**
- \_\_weak IBOutlet UIView \* **infHeader**
- \_\_weak IBOutlet UIButton \* **favEditStart**
- \_\_weak IBOutlet UIButton \* **favEditDone**
- \_\_weak IBOutlet UIButton \* **addFavFavoriteButton**
- \_\_weak IBOutlet UIButton \* **addFavHomeButton**
- \_\_weak IBOutlet UIButton \* **addFavWorkButton**
- \_\_weak IBOutlet UIButton \* **addFavSchoolButton**
- \_\_weak IBOutlet UITextField \* **addFavAddress**
- \_\_weak IBOutlet UITextField \* **addFavName**
- \_\_weak IBOutlet UIView \* **mainMenu**

- `__weak IBOutlet UIView * addMenu`
- `__weak IBOutlet UILabel * editTitle`
- `__weak IBOutlet UIButton * editSaveButton`
- `__weak IBOutlet UIButton * editDeleteButton`
- `__weak IBOutlet UIButton * addSaveButton`
- `__weak IBOutlet UIButton * buttonAddFakeStation`
- `__weak IBOutlet UIView * blockingView`
- `__weak IBOutlet FlickableView * overlayMenu`
- `__weak IBOutlet UIButton * findRouteBig`
- `__weak IBOutlet UIButton * findRouteSmall`
- `BOOL animationShown`
- `__weak IBOutlet UILabel * account_label`
- `__weak IBOutlet UILabel * routeStreet`
- `__weak IBOutlet UIView * menuBtn`
- `__weak IBOutlet UIImageView * overlayMenuBtn`
- `__weak IBOutlet UIButton * pinButton`

## Properties

- `IBOutlet SMAddFavoriteCell * tableFooter`
- `IBOutlet UIImageView * mainMenuBtn`
- `SMAnnotation * endMarkerAnnotation`

## Additional Inherited Members

### 5.168.1 Property Documentation

5.168.1.1 - (`IBOutlet SMAddFavoriteCell*`) `tableFooter` `[read], [write], [nonatomic], [strong]`

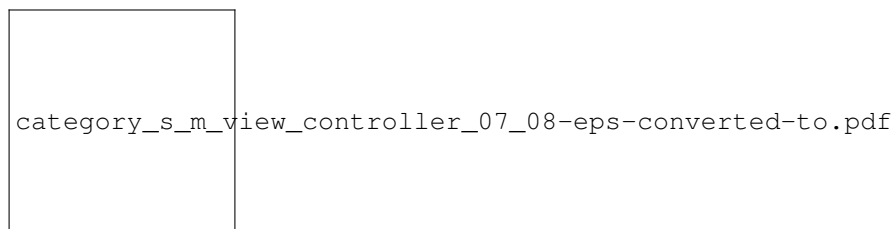
properties for table

The documentation for this class was generated from the following file:

- `ibikecph/SMViewController.h`

## 5.169 `SMViewController()` Category Reference

Inheritance diagram for `SMViewController()`:



## Protected Attributes

- `MenuType menuOpen`
- `FavoriteType currentFav`
- `CLLocation * lastLocation`

- CLLocation \* **cStart**
- CLLocation \* **cEnd**
- [SMLoadStationsView](#) \* **loadView**

## Properties

- [SMContacts](#) \* **contacts**
- RMMMapView \* **mpView**
- IBOutlet UIButton \* **btnReminders**
- IBOutlet UIView \* **headerReminders**
- IBOutlet UITableView \* **tblFavorites**
- IBOutlet UIButton \* **btnFavorites**
- IBOutlet UIImageView \* **imgReminders**
- BOOL **reminderFolded**
- NSMutableArray \* [favoritesList](#)
- NSMutableArray \* **favorites**
- NSString \* **destination**
- NSString \* **source**
- NSString \* **findFrom**
- NSString \* **findTo**
- NSArray \* **findMatches**
- [SMAnotation](#) \* **destinationPin**
- id **jsonRoot**
- IBOutlet UITableView \* **overlaysMenuTable**
- NSArray \* **overlaysMenuItems**
- CLLocationCoordinate2D **startLoc**
- CLLocationCoordinate2D **endLoc**
- NSString \* **startName**
- NSString \* **endName**
- NSDictionary \* **locDict**
- NSInteger **locIndex**
- NSString \* **favName**
- [SMFavoritesUtil](#) \* **favs**
- [SMAPIRequest](#) \* **request**

## Additional Inherited Members

### 5.169.1 Property Documentation

5.169.1.1 - (NSMutableArray\*) **favoritesList** [read],[write],[nonatomic],[strong]

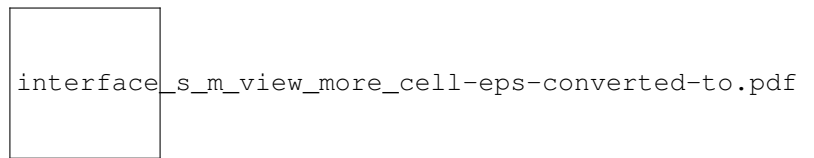
data sources for tables

The documentation for this category was generated from the following file:

- `ibikecph/SMViewController.m`

## 5.170 SMViewMoreCell Class Reference

Inheritance diagram for SMViewMoreCell:



### Properties

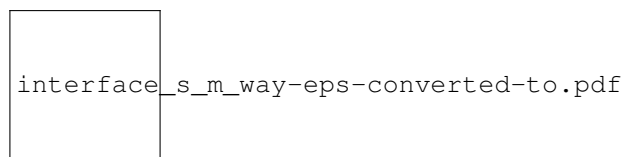
- IBOutlet UILabel \* **buttonLabel**

The documentation for this class was generated from the following file:

- ibikecph/Views/SMViewMoreCell.h

## 5.171 SMWay Class Reference

Inheritance diagram for SMWay:



### Properties

- NSString \* **ref**
- NSMutableArray \* **nodes**
- NSString \* **role**

The documentation for this class was generated from the following file:

- ibikecph/Classes/SMWay.h

## 5.172 UIView(LocateSubview) Category Reference

### Instance Methods

- (UIView \*) - **subviewWithClassName:**

The documentation for this category was generated from the following files:

- ibikecph/Classes/UIView+LocateSubview.h
- ibikecph/Classes/UIView+LocateSubview.m

## 5.173 UIView(SMViewForTranslation) Category Reference

### Instance Methods

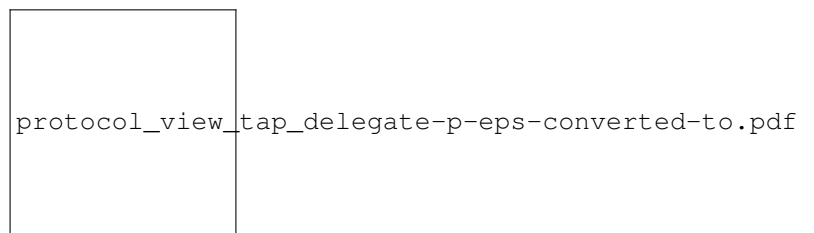
- (void) - **viewTranslated**

The documentation for this category was generated from the following file:

- `ibikecph/Libs/routing-engine/global-utils/SMTranslation.m`

## 5.174 <ViewTapDelegate> Protocol Reference

Inheritance diagram for <ViewTapDelegate>:



### Instance Methods

- (void) - **viewTapped:**

The documentation for this protocol was generated from the following file:

- `ibikecph/Classes/SMUtil.h`