CoreBluetooth

@interface **CBCentralManager**

@property(weak, nonatomic) id<CBCentralManagerDelegate> delegate;
@property(readonly) CBCentralManagerState state;

- (instancetype) initWithDelegate: (id<CBCentralManagerDelegate>) delegate queue: (dispatch_queue_t) queue;
- (instancetype) initWithDelegate: (id<CBCentralManagerDelegate>) delegate queue: (dispatch_queue_t) queue
                                  - options: (NSDictionary *) options NS_DESIGNATED_INITIALIZER;
- (NSArray *) retrievePeripheralsWithIdentifiers: (NSArray *) identifiers;
- (NSArray *) retrieveConnectedPeripheralsWithServices: (NSArray *) serviceUUIDs;
- (void) scanForPeripheralsWithServices: (NSArray *) serviceUUIDs options: (NSDictionary *) options;
- (void) stopScan;
- (void) connectPeripheral: (CBPeripheral *) peripheral options: (NSDictionary *) options;
- (void) cancelPeripheralConnection: (CBPeripheral *) peripheral;

- (void) retrievePeripherals: (NSArray *) peripheralUUIDs NS_DEPRECATED(NA, NA, 5_0, 7_0) ;
- (void) retrieveConnectedPeripherals NS_DEPRECATED(NA, NA, 5_0, 7_0) ;

@protocol **CBCentralManagerDelegate** <NSObject>

@required
- (void) centralManagerDidUpdateState: (CBCentralManager *) central;

@optional
- (void) centralManager: (CBCentralManager *) central willRestoreState: (NSDictionary *) dict;
- (void) centralManager: (CBCentralManager *) central didRetrievePeripherals: (NSArray *) peripherals;
- (void) centralManager: (CBCentralManager *) central didRetrieveConnectedPeripherals: (NSArray *) peripherals;
- (void) centralManager: (CBCentralManager *) central didDiscoverPeripheral: (CBPeripheral *) peripheral
                                 - advertisementData: (NSDictionary *) advertisementData
                                 - RSSI: (NSNumber *) RSSI;
- (void) centralManager: (CBCentralManager *) central didConnectPeripheral: (CBPeripheral *) peripheral;
- (void) centralManager: (CBCentralManager *) central didFailToConnectPeripheral: (CBPeripheral *) peripheral error: (NSError *) error;
- (void) centralManager: (CBCentralManager *) central didDisconnectPeripheral: (CBPeripheral *) peripheral error: (NSError *) error;

@interface **CBPeripheral**

@property(weak, nonatomic) id<CBPeripheralDelegate> delegate;
@property(retain, readonly) NSString *name;
@property(readonly) CBPeripheralState state;
@property(retain, readonly) NSArray *services;

@property(retain, readonly) NSNumber *RSSI NS_DEPRECATED(NA, NA, 5_0, 8_0) ;
@property(readonly) BOOL isConnected NS_DEPRECATED(NA, NA, 5_0, 7_0) ;

- (void) readRSSI;
- (void) discoverServices: (NSArray *) serviceUUIDs;
- (void) discoverIncludedServices: (NSArray *) includedServiceUUIDs forService: (CBService *) service;
- (void) discoverCharacteristics: (NSArray *) characteristicUUIDs forService: (CBService *) service;
- (void) readValueForCharacteristic: (CBCharacteristic *) characteristic;
- (void) writeValue: (NSData *) data forCharacteristic: (CBCharacteristic *) characteristic
                                 - type: (CBCharacteristicWriteType) type;
- (void) setNotifyValue: (BOOL) enabled forCharacteristic: (CBCharacteristic *) characteristic;
- (void) discoverDescriptorsForCharacteristic: (CBCharacteristic *) characteristic;
- (void) readValueForDescriptor: (CBDescriptor *) descriptor;
- (void) writeValue: (NSData *) data forDescriptor: (CBDescriptor *) descriptor;

@protocol **CBPeripheralDelegate**

- (void) peripheralDidUpdateName: (CBPeripheral *) peripheral;
- (void) peripheral: (CBPeripheral *) peripheral didModifyServices: (NSArray *) invalidatedServices;
- (void) peripheral: (CBPeripheral *) peripheral didReadRSSI: (NSNumber *) RSSI error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didDiscoverServices: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didDiscoverIncludedServicesForService: (CBService *) service error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didDiscoverCharacteristicsForService: (CBService *) service error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didUpdateValueForCharacteristic: (CBCharacteristic *) characteristic error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didWriteValueForCharacteristic: (CBCharacteristic *) characteristic error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didUpdateNotificationStateForCharacteristic: (CBCharacteristic *) characteristic error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didDiscoverDescriptorsForCharacteristic: (CBCharacteristic *) characteristic error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didUpdateValueForDescriptor: (CBDescriptor *) descriptor error: (NSError *) error;
- (void) peripheral: (CBPeripheral *) peripheral didWriteValueForDescriptor: (CBDescriptor *) descriptor error: (NSError *) error;

- (void) peripheralDidInvalidateServices: (CBPeripheral *) peripheral NS_DEPRECATED(NA, NA, 6_0, 7_0) ;
- (void) peripheralDidUpdateRSSI: (CBPeripheral *) peripheral error: (NSError *) error NS_DEPRECATED(NA, NA, 5_0, 8_0) ;

@interface **CBUUID** : NSObject <NSCopying>

@property(nonatomic, readonly) NSData *data;
@property(nonatomic, readonly) NSString *UUIDString;

+ (CBUUID *) UUIDWithString: (NSString *)theString;
+ (CBUUID *) UUIDWithData: (NSData *)theData;
+ (CBUUID *) UUIDWithCFUUID: (CFUUIDRef)theUUID;
+ (CBUUID *) UUIDWithNSUUID: (NSUUID *)theUUID;

@interface **CBAttribute** : NSObject
@property(readonly, nonatomic) CBUUID *UUID;

@interface **CBService** : CBAttribute

@property(weak, readonly, nonatomic) CBPeripheral *peripheral;
@property(readonly, nonatomic) BOOL isPrimary;
@property(retain, readonly) NSArray *includedServices;
@property(retain, readonly) NSArray *characteristics;

@interface **CBAttribute** : NSObject
@property(readonly, nonatomic) CBUUID *UUID;

@interface **CBCharacteristic** : CBAttribute

@property(weak, readonly, nonatomic) CBService *service;
@property(readonly, nonatomic) CBCharacteristicProperties properties;
@property(retain, readonly) NSData *value;
@property(retain, readonly) NSArray *descriptors;
@property(readonly) BOOL isNotifying;

@property(readonly) BOOL isBroadcasted NS_DEPRECATED(NA, NA, 5_0, 8_0);