

Class

XAccessory

The `XAccessory` class handles communication with external accessories using the ExternalAccessory framework.

```
@import Foundation;
#import ExternalAccessory;
```

Constants

- **EADSessionDataReceivedNotification**

An external `NSString` type variable for receiving data notifications.

```
extern NSString *EADSessionDataReceivedNotification;
```

Properties

- **accessory**

The external accessory object.

```
@property (nonatomic, readonly) EAAccessory *accessory;
```

- **protocolString**

The communication protocol string in use.

```
@property (nonatomic, readonly) NSString *protocolString;
```

Methods

Singleton Object

```
+ (XAccessory *)sharedInstance;
```

Returns the shared instance of `XAccessory`.

Configure the External Accessory

```
- (void)setupControllerForAccessory:(EAAccessory *)accessory withProtocolString:(NSString *)protocolString;
```

- **accessory**
The external accessory object to configure.
 - **protocolString**
The communication protocol string to use.
-

Open a Session with the External Accessory

```
- (BOOL)openSession;
```

- **return**
Whether the session was opened successfully.
-

Close the Session with the External Accessory

```
- (BOOL)closeSession;
```

- **return**
Whether the session was closed successfully.
-

Write Data to the External Accessory

```
- (void)writeData:(NSData *)data;
```

- **data**
The data to write.
-

Check Available Bytes for Reading

```
- (NSUInteger)readBytesAvailable;
```

- **return**
The number of bytes currently available for reading.
-

Read Data from the External Accessory

```
- (NSData *)readData:(NSUInteger)bytesToRead;
```

- **bytesToRead**

The number of bytes to read.

- **return**

The data read from the external accessory.