Implementing Security Check with Attempts in iOS applications

fork and edit tutorial (https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/8.0/authentication-and-security/security-check-with-attempts/ios.md) | report issue (https://github.ibm.com/MFPSamples/DevCenter/issues/new)

Overview

When trying to access a protected resource, the server (the `SecurityCheck`) will send back the client one or more **challenges** for the client to handle.

This list is received as a JSON object, listing the `SecurityCheck` name with an optional JSON of additional data:

```
{
  "challenges": {
    "SomeSecurityCheck1":null,
    "SomeSecurityCheck2":{
      "some property": "some value"
    }
  }
}
```

The client must then register a **challenge handler** for each `SecurityCheck`, which will know how to handle the challenge (eg. show a login screen).

Creating the challenge handler

A **challenge handler** is a class responsible for handling challenges sent by the MobileFirst server, such as collecting credentials and submitting them back to the `SecurityCheck`.

In this example, the `SecurityCheck` is the one defined in Implementing Security Check with Attempts Security Adapter (../adapter). The challenge sent by this `SecurityCheck` contains the number of remaining attempts to login (`remainingAttempts`), and an optional `errorMsg`.