<<interface>> IDataSource

+ checkAuth (userId: String) : boolean
+ buildAuthRequest (userId: String, authCallback: String) : String
+ saveAuthResponse (userId: String, params: HashMap)
+ updateData (userId: String, resourceName: String, lastUpdate: long) : String
+ updateAllData (userId: String, lastUpdate: long) : String[]

WebResource

- resourceFileName: String
- resourcePathToFormat: String

+ getResourceFileName(): String
+ setResourceFileName(name: String): String
+ getResourcePathToFormat(): String
+ setResourcePathToFormat(path: String): String

FitbitDataSource

- flow: AuthorizationCodeFlow
- scopes: String[]
- resources: HashMap

- getAndSave(requestFactory, resource, lastUpdate): String
- initResources()

NokiaHealthDataSource

- dataStore: DataStore
- reqFactory: requestFactory
- scopes: String[]
- resources: HashMap

- initResources()
- generateNonce(): String
- generateTimestamp(): String
- generateParamsString(authCallback, token, signature): String
- generateBaseString(url, paramsString): String
- computeSignature(baseString, tokenSecret): String
- getAndSave(requestFactory, resource, lastUpdate): String