

BCMS Incident Management iOS Incident and Related Services Assembly Deployment Guide

Revision History

| Author | Revision Number | Date |
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Deployment Instructions

1. Organization of Submission

Submission is organized as a static iOS library project.

| | |
|-------------------------------|---|
| BCMS.xcdatamodeld | CoreData model |
| BCMSServices.xcodeproj | XCode project |
| README.txt | Information for the reviewer |
| BCMSServices/ | Source code |
| DTOs/ | Data transfer objects |
| Entities/ | Generated entity classes |
| Error/ | Error constants |
| JSON/ | Code related to Entity<->JSON serialization |
| Services/ | Service code (this assembly) |
| BCMServices.h | Include-all header |
| BCMSServicesTest/ | Unit test source code |
| docs/ | Documentation folder |
| html/ | Generated class documentation |
| lib/ | 3rd-party libraries |
| test_files/ | Test fixtures |

2. Environment Requirements

Compile-time:

Mac OS X 10.6 (Snow Leopard) or above

XCode 4.2

iOS SDK 5.0

SBJson 3.0 (provided)

Runtime:

iOS 4.0 or above

ARC is not used

3. Configuration

There is no configuration required for the library.

For unit-testing, configuration is specified in **BCMSServicesTests/TestConfiguration.plist** property file. The following values are configurable:

| | |
|-----------------------|----------------------------|
| ServiceBaseURL:String | Base URL of web service. |
| User:String | User name. |
| Password:String | Password. |
| LogInAsGroup:Integer | Id of group used at login. |

4. Build Scripts Setup

There are no special build steps. XCode project is provided to build and test the library.

5. Deployment

Library target can be incorporated into application project as is, or classes from BCMSServices folder can be incorporated directly. In both cases, SBJson must be linked against, and header search path must include SBJson classes.

6. Starting & Verification

- 1.1. Open provided XCode project.
- 1.2. Select BCMSServicesTests scheme.
- 1.3. Select simulator as target device.
- 1.4. From menu, select Product -> Test to run the unit tests.
- 1.5. Observe test results. Please mind that some tests fail due to web service or architecture bugs.
This is to be expected.

7. Resource Contact List

| Name | Resource Email |
|-------|-----------------|
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