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New Features

Sybase Unwired Platform 2.2 SP03

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New Platform Features

Sybase® Unwired Platform 2.2 SP03 includes new features that support OData application development. Only the Sybase Mobile SDK has been updated for 2.2 SP03, not the Unwired Platform Runtime. You need not upgrade to 2.2 SP03 SDK if you do not use the OData SDK.

Note: OData libraries for Sybase Mobile SDK are updated in the upgrade to version 2.2 SP03; the Unwired Platform Runtime remains unchanged. You do not need to upgrade the Unwired Platform Runtime servers when you update the OData libraries.

Note: See *Supported Hardware and Software* for the list of devices, operating systems, APIs, and tools that Unwired Platform currently supports.

- *REST API Applications*

  REST client libraries are available with 2.2 SP03 to provide REST SDK support for OData applications.
- *OData SDK*

  REST client libraries are available with 2.2 SP03 to provide REST SDK support for OData applications.

REST API Applications

REST client libraries are available with 2.2 SP03 to provide REST SDK support for OData applications.

New REST SDK Support for OData Applications

New REST client libraries are available with 2.2 SP03. The REST SDK libraries enable consumption of Sybase Unwired Platform REST services with pure HTTPS connectivity. The REST SDK provides simplified APIs for registration, exchange settings between client and server, and end-to-end tracing. The SDK also supports native push notifications.

Note: Only the SDK has been updated for 2.2 SP03; the 2.2 SP03 SDK continues to work with 2.2 SP02 runtime.

Three new classes have been added for iOS and Android for registration, exchange setting, end-to-end tracing, and native push notifications:

- iOS – new classes: `SMPClientConnection`, `SMPUserManager`, and `SMPAppSettings`.
- Android – new classes: `ClientConnection`, `UserManager`, and `AppSettings`.

Documented in:

- *Developer Guide: REST API Applications* (On-Premise), see *REST SDK Components – General Description*
- *Developer Guide: OData SDK*, see:
  - *REST Services Applications*
  - *Development Task Flow Using REST SDK (HTTP Channel)* (Android and iOS)

OData SDK

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New REST SDK Support for OData Applications

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Note: Only the SDK has been updated for 2.2 SP03; the 2.2 SP03 SDK continues to work with 2.2 SP02 runtime.

Three new classes have been added for iOS and Android for registration, exchange setting, end-to-end tracing, and native push notifications:

- iOS – new classes: `SMPClientConnection`, `SMPUserManager`, and `SMPAppSettings`.
- Android – new classes: `ClientConnection`, `UserManager`, and `AppSettings`.

Documented in: *Developer Guide: OData SDK*, see the *REST SDK API Usage* sections (for Android and iOS)

Documentation Changes

Documentation changes include new documents and documentation improvements. A reference section describes changes some implemented over time.

Note: Check the Product Documentation Web site regularly for updates: *http://sybooks.sybase.com/sybooks/sybooks.xhtml?id=1289&c=firsttab&a=0&p=categories*, then navigate to the most current version.

In *Fundamentals*, see *Documentation Roadmap* to learn more about product documentation for developers and administrators.

New for Online Data Proxy

New topics have been added to *Developer Guide: OData SDK* in 2.2 SP03, to provide high-level conceptual and procedural information:

- *REST SDK Components - General Description*
- *Development Task Flow Using REST SDK (HTTP Channel)* (Android section)
- *Development Task Flow Using REST SDK (HTTP Channel)* (iOS section)

New for REST Development

New information has been added to *Developer Guide: REST API Applications*. A section called *REST SDK Library* has been added to the topic *REST Services Applications* to provide high-level conceptual information.

New Tutorials for OData with REST

Two new tutorials guide you through OData projects with REST, enabling you to run the applications on premise, or in the cloud. Available with Sybase Unwired Platform 2.2 SP03 (for Android and iOS).

Documented in:

- *Tutorial: Android OData Application Development with REST Services*
- *Tutorial: iOS OData Application Development with REST Services*

Documentation Change Reference

Reference for changes made throughout the documentation, sometimes over the span of several releases:

- **Installation Path Variable –** the shorter installation path variable continues to be implemented in 2.2:
  - *SUP_HOME* – replaces <*UnwiredPlatform_InstallDir*>\UnwiredPlatform\
  - *SCC_HOME* – replaces <*UnwiredPlatform_InstallDir*>\SCC-XX\
- **Hybrid App and Hybrid Web Container Name Changes –** Several name changes have been made to Sybase Unwired Platform to reflect the change from a workflow emphasis, to Hybrid Apps and Hybrid Web Container. These name changes can be seen in the Designer user interface, and the product documentation. See the key for new product names introduced in version Sybase Unwired Platform 2.2.

Table 1. Hybrid App and Hybrid Web Container Name Change Key

Original Name	New Name	Comments
Workflow Workflow application	Hybrid App	

Original Name	New Name	Comments
Mobile Workflow package Workflow package	Hybrid App package	
Mobile Workflow Designer Mobile Workflow Forms Editor	Hybrid App Designer, or Designer	
Mobile Workflow form	Hybrid App form	
Mobile Workflow Forms Editor Design palette	Hybrid App Designer palette	
Close Workflow	Close	Menuitem type
Submit Workflow	Submit	Menuitem type
Mobile Workflow Container	Hybrid Web Container	
Sybase Messaging Client	Hybrid Web Container	