



IBM webMethods Adapter for Siebel

6.0

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Release Highlights

IBM is pleased to introduce IBM webMethods Adapter 6.0 SP3 for Siebel.

In addition to providing all available fixes for the IBM webMethods Adapter 6.0 for Siebel, Service Pack 3 provides these new features:

- **Passing User Credentials at Service Run Time**
This new feature enables the adapter to accept Siebel user credentials at service run time. Previously, the adapter only allowed users to define username and password credentials at design time, limiting the adapter to those credentials that were predefined within the adapter. This service pack provides inputs for Siebel user names and passwords within each adapter service, enabling users to pass those values into any Siebel Adapter service dynamically. This ability provides greater visibility into which users are accessing the Siebel modules via the adapter.
- **Case Insensitive Search in Services for Business Components**
Previously, the adapter provided only a case sensitive search operator when configuring an adapter service for a selected business component. This operator is one of the input parameters you select when defining the search expression. With this service pack, a case insensitive search operator is now included.

For detailed information about these new features, see the IBM webMethods Adapter for Siebel Installation and User's Guide.

For a list of all the changes and issues resolved since the last release, see the readme file for IBM webMethods Adapter 6.0 SP3 for Siebel on the Documentation Web site at <https://docs.webmethods.io/> or in the directories in which you installed IBM webMethods Adapter 6.0 SP3 for Siebel.

For information about previous releases of IBM webMethods Adapter for Siebel, see the release notes for those releases, below.

IBM webMethods Adapter 6.0 for Siebel

The IBM webMethods Adapter for Siebel (Siebel Adapter) is a IBM webMethods Integration Server adapter for integrating the IBM webMethods Integration Platform with Siebel applications. Using the Siebel Adapter, you can create connections to your Siebel systems and create adapter services that perform operations on your Siebel applications.

Adapter services you create using the adapter can retrieve data from, write data to, and invoke methods in, Siebel applications. You call adapter services from IS flow or Java services to interact with the Siebel Server. The adapter services perform operations by using Siebel's Business Object Interface (BOI) API to operate on Siebel Business Components. The adapter also enables you to invoke Siebel business services and workflows.

For example, you might use the Siebel Adapter to receive new information about a sales contact from a webMethods Integration Server client (IS client), and then update a Contact business component record in the Siebel application.

You can also interact with IBM webMethods from a Siebel application. To do this, you can use custom Siebel business service methods provided by webMethods, known as EAI webMethods Transports.

Summary of Major Features of IBM webMethods Adapter 6.0 for Siebel

- **Connectivity to Siebel Applications**
The Siebel Adapter enables you to establish and manage connections to your Siebel systems. Siebel connections, connections pools, and sessions are fully managed by the adapter. Through these connections you can create and run your Siebel integrations.
- **Dynamically Look Up Siebel Business Components**
When developing your integrations, you use the adapter and its webMethods Developer screens to view business components that reside on the Siebel Server. From the list of business components, you select the business components to perform operations on.
- **Template-Based Integrations**
 - The Siebel Adapter provides service templates for interactions with the Siebel business components. This makes it easy to develop adapter services to interact with Siebel.
 - Service templates represent specific tasks for doing work with Siebel. For example, a Siebel Adapter service that inserts data into Siebel is based on the Insert service template included with the adapter. You can create specific adapter services using the templates and invoke them from your integration flows.
 - The Siebel Adapter provides the ability to generate adapter services that implement the following Siebel Object Manager Interface methods:

	Description
Query	Executes the Siebel Query business component records
Insert	Executes the Siebel insert method to add business component records.
Update	Executes the Siebel Get method to return the Component Interface matching the specified keys, or to populate the Component Interface with new values.
Delete	Executes the Siebel Delete method to delete business component records.
Business Service	Invokes a Siebel business service and Siebel workflows.
Invoke	Invokes a Siebel business component method.
Associate	Associates MVL fields with one another.
Attachment	Creates an attachment file in a business component record, updates an existing attachment, or obtains an attachment.

- **Siebel-to-webMethods Communications**

You can perform Siebel-to-webMethods operations using the EAI webMethods Transports (Transports). The EAI webMethods Transports are custom Siebel business service methods. While provided with the Siebel Adapter product, the EAI webMethods Transports are independent from the Siebel Adapter itself and are installed on the Siebel Server, rather than on the webMethods Integration Server like the Siebel Adapter. They enable Siebel to notify Integration Server services when a change (such as an Insert, Update, or Delete) occurs within a particular Siebel business component. Transports is designed to provide interactive transportation of small volumes of data between the Siebel application and the Integration Server. Transports is built using Siebel's eScript scripting language.

The transports enable you to:

- Synchronously invoke a service on the Integration Server, using guaranteed delivery.
- Synchronously invoke a service on the Integration Server, using non-guaranteed delivery.
- Get a transaction's status.
- Asynchronously invoke a service on the Integration Server.

- **Compatibility with Previous IBM webMethods Adapters for Siebel**

The IBM webMethods Adapter 6.0 for Siebel is a new adapter and is not compatible with integrations built using the IBM webMethods Adapter 3.0 for Siebel. That is, you cannot use the IBM webMethods Adapter 6.0 for Siebel to run or edit services you generated using the earlier Siebel adapters, and vice versa.

- However, you can run the IBM webMethods Adapter 6.0 for Siebel on the same Integration Server with earlier IBM webMethods Siebel adapters.

- **Platform Support**

For a complete listing of the versions of Siebel and of IBM webMethods Integration Server with which the adapter works, see the IBM webMethods Adapter for Siebel Installation Guide 6.0.