

IBM CrossWorlds
WebSphere® Business Integration for
Retail Distribution



SerialObject Business Object

Version 4.1.1

Note!

Before using this information and the product it supports, be sure to read the general information under “Notices and Trademarks” on page 3.

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SerialObject business object

SerialObject is an Application-Specific Business Object (ASBO) that holds the representation of the triggering business object that is stored in the database. SerialObject is created in the DataStore collaboration and is stored in the database by the JDBC connector. The business-object-level application-specific information field contains the name of the table in the database where the object is stored. The format is: `TN=tableName` (assuming that the table name is `tableName`). It is a sample business object that illustrates how the business object is involved in collaboration operation. In a production environment, this sample business object would be replaced with a user-specified one. See the DataStore collaboration document for more information.

Business object structure

The SerialObject business object is a flat business object. The following table shows its structure.

Note: Spaces have been inserted in some of the values listed in the Type and App Spec Info columns to enable the entries to fit in the table cells. The actual values do not have spaces.

Table 1. Attributes for SerialObject business object

Name	Type	Description	Key	App Spec Info
ObjectKey	If the GENERATE_KEY property of the DataStore collaboration is false, ObjectKey is type String. If GENERATE_KEY is true, ObjectKey is type Integer.	Holds the unique key used to store the object in the database. The unique key is comprised of one or more attributes in the triggering business object concatenated together. Each of these object attributes must be of type String. The attributes of the triggering business object that make up the key are specified by the OBJECT_KEY DataStore collaboration property. Maximum length is 255 characters.	x	Contains the name of the column in the database where this attribute is stored. If GENERATE_KEY is false, CN= ObjectKey::: (if column name is ObjectKey). If GENERATE_KEY is true, CN= ObjectKey::: UID=xxx::: (if column name is ObjectKey). The variable xxx determines how the key is generated— see the Guide to the IBM CrossWorlds Connector for JDBC).

Table 1. Attributes for SerialObject business object (continued)

Name	Type	Description	Key	App Spec Info
ObjectData	String	Holds the triggering business object after it has been converted to a serial data string by the data handler. No maximum length.		Contains the name of the column in the database where this attribute is stored. CN= ObjectData::::: (if column name is ObjectData).

Supported verbs

The SerialObject business object supports the following verbs:

- Request Processing (sending to the destination application): Create, Update, Delete, Retrieve
- Event Notification (receiving from the source application): Create, Update, Delete, Retrieve

Examining the object

To examine a listing of the attributes of the SerialObject business object, use IBM® CrossWorlds® System Manager or IBM CrossWorlds Business Object Designer.

See also

For more information on related business objects, collaborations, and other components, see the following documents:

- DataStore Collaboration
- DataStoreSampleObject Business Object
- SampleObject Business Object
- Guide to the IBM CrossWorlds Connector for JDBC

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