ApiCode Integration With Java Connector

ApiCode integrates with the DBSync Platform through the JavaAdapter. This provides necessary interface/hooks for the ApiCode implementation class to integrate with the DBSync Engine.

JavaAdapter primarily has three main operations:

- 1- GetMetadata This operation allows JavaAdapter to query the custom ApiCode implementation structure. It also allows the same to be mapped as XML elements.
- 2- Read This operation allows JavaAdapter to Read the data from the external system through the ApiCode implementation.
- 3- Write This operation allows JavaAdapter to Write the data to the external system through the ApiCode implementation.

The High Level Interaction Diagram is given below:

DBSync Platform	Java Adapter	Custom Api Code	External System
1. Metadata	1.1< <query metadata="">> 1.3<<sendback metadata="">></sendback></query>	1.2< <get apicode="" dtructure="">></get>	
2. Read	2.1< <read data="">> 2.7<<send java="" return="" xml="">></send></read>	2.2< <open apicode="">> 2.4<<read>> 2.6<<send java="" return="">></send></read></open>	2.3< <session start="">> 2.5<<query>></query></session>
3. Write	3.1< <write data="" xml="">> 3.5<<return results="" save="">></return></write>	3.2< <write data="" object="">> <<convert java="" to="" xml="">> 3.4<<return java="" results="">></return></convert></write>	3.3< <write data="">></write>
4. Close	4.1< <close>></close>	4.1< <close>></close>	4.2< <close>></close>