# Example 09 - Retrieving Sequence Values

This example shows how to retrieve database sequence values. Even though most of the time sequences are used behind the scenes to insert table rows, the need to use them for other purposes may arise, such as for creating files, indentiying network communication and others.

## How to Run this example

The **Example 09** is included in the download package. To run this example please refer to the section How to Run the Examples above.

## Case #1: Retrieve a sequence value

This is demonstrated using the sequence CLIENT\_SEQ. In order to do this the following extra tag is added to the CLIENT table definition:

<sequence name=*"client\_seq"* />

This tag produces the new DAO method selectSequenceClientSeq() on the ClientDAO class.

## Case #2: Retrieve a sequence value using custom method name

This is demonstrated using the sequence PDF\_REPORT\_FILE\_SEQ. In order to do this the following extra tag is added to the DAILY\_REPORT table definition:

<sequence name=*"pdf\_report\_file\_seq"*

java-method-name=*"retrieveFileReportSequence"* />

This tag produces the new DAO method retrieveFileReportSequence() on the DailyReportDAO class.