# Example 06 - Navigating Foreign Keys

This example shows how to navigate from one DAO object to obtain related DAO object using the database foreign key relationships. This functionality is available on all database tables that are related using foreign keys.

## How to Run this example

The **Example 06** is included in the download package. To run this example please refer to the section How to Run the Examples above.

## Case #1: Navigate to parent

The retrieve the parent row use one of the out-of-the-box selectParentDAO() methods that returns a single row.

This is demonstrated navigating from the table VEHICLE to the table BRANCH.

## Case #2: Navigate to children

To retrieve children rows use one of the out-of-the-box selectChildrenDAO() methods that return a list of rows.

This is demonstrated navigating from the table BRANCH to the table VEHICLE.

## Case #3: Navigate to children with ordering

To retrieve children rows use one of the out-of-the-box selectChildrenDAO() methods that return a list of rows. Add extra parameters to the method to specify the ordering.

This is demonstrated navigating from the table VEHICLE to the table BRANCH.

## Case #4: Reflexive navigate to parent

The retrieve the parent row use one of the out-of-the-box selectParentDAO() methods that returns a single row. There's no difference compared to the navigation to a different table.

This is demonstrated navigating from the table CLIENT to the table CLIENT.

## Case #5: Reflexive navigate to children

To retrieve children rows use one of the out-of-the-box selectChildrenDAO() methods that return a list of rows. There's no difference compared to the navigation to a different table.

This is demonstrated navigating from the table CLIENT to the table CLIENT.

## Case #6: Reflexive navigate to children with ordering

To retrieve children rows use one of the out-of-the-box selectChildrenDAO() methods that return a list of rows. Add extra parameters to the method to specify the ordering. There's no difference compared to the navigation to a different table.

This is demonstrated navigating from the table CLIENT to the table CLIENT.