

Nepovezani Rowset

U određenim situacijama, potrebno je imati podršku za nepovezani pristup podacima.

```
import java.sql.Connection; // database connection object
import java.sql.ResultSet; // result set object
import java.sql.Statement; // statement object
import java.sql.rowset.CachedRowSet; // JdbcRowSet definition
import com.sun.rowset.CachedRowSetImpl; // Sun's reference impl. of CachedRowSet
import jcb.util.DatabaseUtil; // a utility class to close resources
...

String query = "select author, title from books";
Connection conn = null;
Statement stmt = null;
ResultSet rs = null;
CachedRowSet crs = null;

try {
    conn = getConnection();
    stmt = conn.createStatement();
    rs = stmt.executeQuery(query);
    // create CachedRowSet and populate
    crs = new CachedRowSetImpl();
    crs.populate(rs); // populate using a ResultSet object
    // here you may use crs (a CachedRowSet object)
}
catch (SQLException e) {
    // handle exception
    e.printStackTrace();
    ...
}
finally {
    // note that the connection is being closed
    DatabaseUtil.close(rs);
    DatabaseUtil.close(stmt);
    DatabaseUtil.close(conn);
}

// here you can use CachedRowSet without being connected to database:
if (crs != null) {
    while (crs.next()) {
        String author = crs.getString(1);
        String title = crs.getString(2);
    }
}
```

```
crs.absolute(3);
crs.updateString(1, "Donald E. Knuth");
crs.updateRow();
commitToDatabase(crs);
```

```
import java.sql.Connection;
import java.sql.SQLException;
import javax.sql.rowset.CachedRowSet;
import jcb.util.DatabaseUtil; // for closing resources
...
public static boolean commitToDatabase(CachedRowSet crs) {
    if (crs == null) {
        // there is nothing to commit
        return true;
    }
    Connection conn = null;
    try {
        conn = getConnection();
        // propagate changes and close connection
        crs.acceptChanges(conn);
        return true;
    }
    catch (SQLException se) {
        // handle exception
        return false;
    }
    catch (Exception e) {
        // handle exception
        return false;
    }
    finally {
        DatabaseUtil.close(conn);
    }
}
```