

# Bases de Datos

Para conectar a una base de datos necesitamos un driver, que es un fichero que debe estar en el path del proyecto en /WEB-INF/lib.

contex.xml

```
<Context>
  <resource name="jdbc/dad2" auth="Container"
type="javax.sql.DataSource" <!--Name: TipoDeRecurso/NombreAsignado-->
maxActive="50" maxIdle="30"maxWait="10000"
username="root" password=""
driverClassName="com.mysql.jdbc.Driver"
uri="jdbc:mysql://localhost:3306/dad"/>
</Context>
```

Control.java

```
public class Control extends HttpServlet{
    private static final long serialVersionUID = 1L;
    public static final String PRM_ACCION = "PRM_ACCION_CONTROL";

    private Hashtable<String, Accion> hashAcciones=null;
    private static Factory factory = null;

    public void init() throws ServletException{
        system.out.println("Iniciando...");
        PreparedStatement ps = null;
        resultSet rs = null;
        try{
            Connection con = Control.ds.getConnection();
            ps = con.prepareStatement ("SELECT * FROM ACTIONS");
            rs = ps.executeQuery;

            Action Accion = null;
            this.hashAcciones = new Hashtable<String, Accion>();
            while(rs.next()){
                accion =
                (Accion)Class.forName(rs.getString("class")).newInstance();
                String id = res.getString("id");
                System.out.println(id + " " + accion);
                this.hashAcciones.put(id, accion);
            }

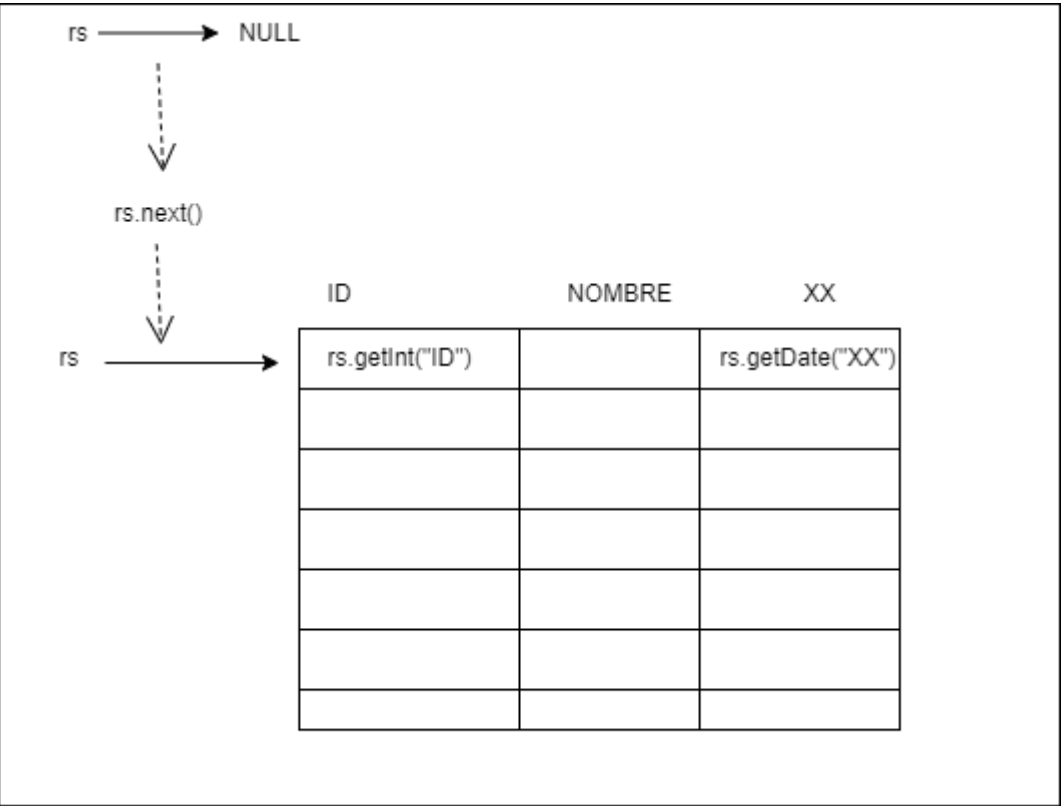
        }catch(SQLException e){
            System.out.println("error" + e.toString());
        } catch(InstantiationException e){
            e.printStackTrace();
        }
    }
}
```

```
        } catch (IllegalAccessException e){
            e.printStackTrace();
        } catch (ClassNotFoundException e){
            e.printStackTrace();
        } finally {
            try{
                if (rs != null) rs.close();
                if (ps != null) ps.close();
            } catch (SQLException e){
                e.printStackTrace();
            }
        }

        System.out.println("[OK]");
    }
}

protected void doGet(HttpServletRequest request, HttpServletResponse
response){

}
```



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