



1

A

```
<div class="elenco">
```

```
<span class="tag">bles </span>
```

```
<span class="tag">
```

```
<a href="bEleno.jsp?tag=bles">bles </a> </span>
```

```
</span>
```

```
{ <span class="tag">
```

```
<a href="bEleno.jsp?tag=country">country </a> </span>
```

```
⋮
```

```
</div>
```

TAG

<u>id</u>	<u>Bravo</u>	<u>tag</u>	<u>pass</u>
10		blues	3+
11		blues	8
10		rock	5+

```
SELECT tag, SUM(pass)
```

```
FROM Tag
```

```
GROUP BY tag
```

```
ORDER BY TOT DESC
```

```
LIMIT 0, 100 ;
```

AS TOT

TagsBean.java

```
class TagsBean implements Serializable {
```

```
public TagsBean () {
```

```
}
```

```
public ArrayList<String> getTopTags () {
```

```
Connection conn = DBAccess.getConnection();
```

```
String sql = "SELECT tag, sum(pop) As Tot....  
.... LIMIT 0, 100;";
```

```
Statement st = conn.createStatement();  
ResultSet r = st.executeQuery(sql);
```

```
ArrayList<String> tags = new ArrayList<String>();
```

```
while (r.next())
```

```
{ tags.add ( r.getString("tag") );  
}
```

```
return tags;
```

```
}
```

```
r.close();
```

```
conn.close();
```

ORDINARE ALFABETICAMENTE
LA COLLEZIONE

viewTag.jsp

```
<?xml -- --
<@ page ... charset="UTF-8" type="text/html" --
<!DOCTYPE html --
```

```
<html >
```

```
<head >
```

```
<title >Element tag </title >
```

```
</head >
```

```
<body >
```

```
<div class="element" >
```

```
<jsp:useBean id="tag" className="TagsBean"
scope="page" / >
```

```
<% B % >
```

```
</div >
```

```
</body >
```

```
</html >
```

③

```
ArrayList<String> list = tags.getTopTags();
```

```
for (i=0; i < list.size(); i++)
```

```
{
```

```
    out.println("<span class = \"tag\" >");
```

```
    out.println("<a href = \"obElement.jsp?tag = \" +
```

```
        list.getItem(i) +
```

```
        \"\" > \" +
```

```
        list.getItem(i) +
```

```
        \"</a></span>\" );
```

```
}
```


 titolo brano (durata), titolo album (anno), cantante

 titolo (3:25), album (2007), cantante

⋮

```
SELECT titoloBrano, titoloAlbum, durata, anno,
       cantante
```

```
FROM   Brano, Album, Tag
```

```
WHERE  tag = 'XXXX' AND
```

```
       Brano.idAlbum = Album.id AND
```

```
       Tag.idBrano = Brano.id
```

```
ORDER BY peso DESC;
```


Dati Brano.java

```
class Dati Brano {  
    String titolo Brano;  
    String titolo Album;  
    String cantante;  
    int durata;  
    int anno;  
}
```

// setter & getter standard

```
public Dati Brano (String titolo Brano, String titolo Album,  
    String cantante, int durata, int anno)  
{  
    // standard: initialize dati i super  
}
```

/o

ElencoBean.java

```
class ElencoBean implements Serializable {
```

```
    ArrayList<DataBrano> list ;
```

```
    public ElencoBean ()
```

```
    {
```

```
        list = new ArrayList<DataBrano> ;
```

```
    }
```

```
    ArrayList<DataBrano> getList ()
```

```
    {
```

```
        return list ;
```

```
    }
```

```
public int queryBrani (String tag) {  
    Connection conn = DBAccess.getConnection ();  
    String sql =  
        " SELECT titobBravo..... where tag = ' " +  
        tag tag +  
        " | AND Bravo.id.... ORDER BY pes Desc " ;  
    Statement st = conn.createStatement ();  
    ResultSet r = st.executeQuery ( sql );  
    while ( r.next () ) {  
        list.add ( new DatiBravo ( r.getString ("titobBravo"),  
            r.getString ("titobAlbum"), r.getString ("cantante"),  
            r.getInt ("durata"), r.getInt ("anno") ) );  
    }  
    return list.size ();  
}
```

elenco.jsp

{ JSP prime right standard

```
<jsp:useBean id="elenco" className="ElencoBean"
scope="request" />
```

<%

```
String tag = request.getParameter("tag");
```

```
if (tag != null) {
```

```
int n = elenco.queryBrain(tag);
```

```
if (n > 0) {
```

```
> <jsp:forward url page="viewElenco.jsp" /> <%
```

```
} }
```

> %>

```
<jsp:forward page="errorPage.jsp" />
```

viewElenco.jsp

}

<body>

```
<jsp:useBean id="elenco" className="ElencoBean"
  scope="request"/>
```


<%

```
ArrayList<DatiBravo> lista = elenco.getList();
```

```
for(i=0; i < lista.size(); i++)
```

```
out.println("<li>" + lista.item(i).getTitoloBravo() +
```

```
"_" + new String(lista.item(i).getDurata()) +
```

```
.....");
```

%>

</body>

</html>