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DK MP3 Search Engine - Microsoft Internet Explorer

Address: <http://mm-pc2-8080/cse490/index.html>



Search by: exact word keyword

Categories: artist name song title

MP3 Search: [\[all artist\]](#)

Results size:

DK Register

First Name:

Last Name:

Handle:

Password:

Email:

Phone Number:

City: State:

DK Login


Handle:

Password:

[\[new user\]](#)

DK MP3 Search Engine - Microsoft Internet Explorer

Address: http://mm-pc2-8080/cse490/serve/DK_Servlet?page=2&state=4


Browse by Artist: [A](#)[B](#)[C](#)[D](#)[E](#)[F](#)[G](#)[H](#)[I](#)[J](#)[K](#)[L](#)[M](#)[N](#)[O](#)[P](#)[Q](#)[R](#)[S](#)[T](#)[U](#)[V](#)[W](#)[X](#)[Y](#)[Z](#) mp3 search: 

M

Artist	# of songs
m.people	3
m.c.banner	2
M02	1
M1.09 WalkinMyShoes	1
m4hours	1
M3.07 BehindTheWheel	1
M4.03 SweetestPerfection	1
m6i	1
mas.on.mn.knns	1
Maatouque	1
maibus	1
macaco	1
macassar	1
macalpa	1
macbatt	1
macca.walter	1

DK MP3 Search Engine - Microsoft Internet Explorer

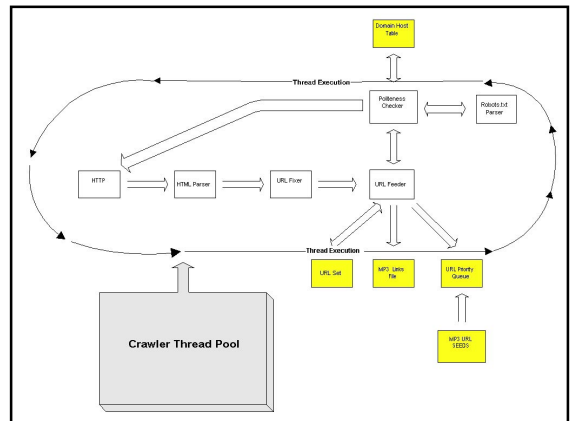
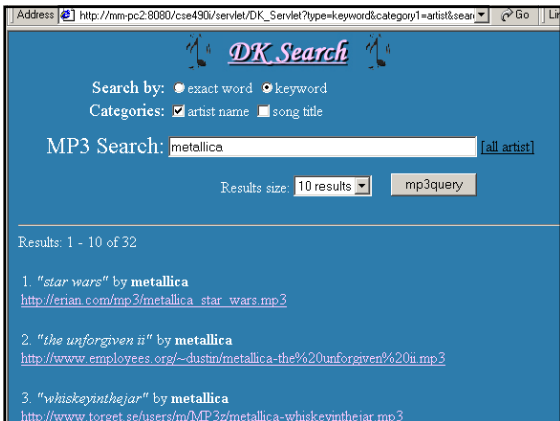
Address: http://mm-pc2-8080/cse490/serve/DK_Servlet?page=2&state=metallica

Browse by Artist: [A](#)[B](#)[C](#)[D](#)[E](#)[F](#)[G](#)[H](#)[I](#)[J](#)[K](#)[L](#)[M](#)[N](#)[O](#)[P](#)[Q](#)[R](#)[S](#)[T](#)[U](#)[V](#)[W](#)[X](#)[Y](#)[Z](#) mp3 search: 

Artist- metallica

Songs

- star wars
- http://www.emp3.com/mp3/metallica_star_wars.mp3
- the real gones ii
- <http://www.emp3.com/mp3/metallica-the%20real%20gones%20ii.mp3>
- whiskey and beer
- <http://www.touget.com/emp3/metallica-whiskeyandbeer.mp3>
- one
- <http://194.145.2.200/~dohard/dohard/round4/4-blank/420-420-one%20over%20forward.mp3>
- one
- <http://203.101.255.1/webcares/music/one.mp3>
- one
- <http://207.96.175.165/MP3/one%20in%20a%20million.mp3>
- one
- <http://208.249.173.149/mp3/28eyond%29-one-kind-word.mp3>



Artist and song title classifier

- **Populate database with known artists and songs**
 - **Artists:** crawl ubl.com (Ultimate Band List)
 - **Song titles:** given the artists from ubl, crawl audiogalaxy.com
- **Extract sub-strings by parsing mp3 filename**
 - Obtain a list of possible artists based on each string
- **Extract the sub-strings from the anchor text**
 - For each anchor text sub-string that is an artist sub-string, increment a counter for that artist
- **Artist with highest count wins!**

Measurements

```

*****list of strings in the .mp3 link*****
Metallica
One
*****<a>Text List</a>*****
metallica
one
***** end *****
-----winner is-----
artist: metallica
song: one
  
```

Measurements...

```

*****list of strings in the .mp3 link*****
iv06cd09
*****<a>Text List</a>*****
iv06cd09
***** end *****
-----winner is-----
artist: iv06cd09
song: iv06cd09
  
```

Tracking user actions

- **Search Engine stores all text entered in by user**
- **Data allows for many options in the future**
 - Site personalization
 - Make \$\$\$ by selling statistics
 - Make more \$\$\$ by targeted advertisements



Things we learned

- **Java**
 - Multi-threading, Synchronization
- **Databases**
 - SQL Server, Queries, JDBC
- **Servlets**
- **Webpages**
 - Javascripts, XML, forms, cookies