



NIGHTCRAWLER
A CSE490I PROJECT BY:
JUSTIN GOOLD,
ALBERT WONG,
AND DARRICK LEW

<http://iinetrv.washington.edu/cse490i/ncweb>



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- Written in C++
- Uses the Wininet Libraries and the Win32 API
- Focused Crawl (~6-7% of links traversed are mp3s)
- Runtime client for monitoring crawler status



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Three screenshots of the Nightcrawler interface are shown, connected by arrows to illustrate the search process. The first shows the search form, the second shows search results, and the third shows a detailed view of a search result.

ONightcrawler

A super-duper cool MP3 search engine designed for CSE490I by Justin Goold, Albert Wong, and Darrick Lew.

Register with us! All it takes is a little information-- please make sure all the information is filled out!

First Name:

Last Name:

City:

State:

E-mail:

Phone No.:

ONightcrawler

A super-duper cool MP3 search engine designed for CSE490I by Justin Goold, Albert Wong, and Darrick Lew.

Welcome Albert!

Fill in one of the search fields, and then click on 'GO!' to search.

Song title:

Artist:

Keywords:

Obtain a listing of all available artists.
[Change your info.](#)

ONightcrawler

A super-duper cool MP3 search engine designed for CSE490I by Justin Goold, Albert Wong, and Darrick Lew.

Welcome Albert!

Song Title	Artist
escallovne -	http://iinetrv.washington.edu/cse490i/ncweb/escallovne/escallovne.mp3
optisme -	http://iinetrv.washington.edu/cse490i/ncweb/optisme/optisme.mp3
yakusoku -	http://iinetrv.washington.edu/cse490i/ncweb/yakusoku/yakusoku.mp3
escallovne empty the pocket -	http://iinetrv.washington.edu/cse490i/ncweb/escallovne/emptythePocket.mp3
escallovne flying dragon -	http://iinetrv.washington.edu/cse490i/ncweb/escallovne/flyingDragon.mp3
escallovne mystic eyes -	http://iinetrv.washington.edu/cse490i/ncweb/escallovne/mysticEyes.mp3
escallovne yakusoku wa train -	http://iinetrv.washington.edu/cse490i/ncweb/escallovne/yakusokuWaTrain.mp3

Fill in one of the search fields, and then click on 'GO!' to search.

Song title:

Artist:

Keywords:

Obtain a listing of all available artists.



NIGHTCRAWLER
A COLLESON PROPERTY LTD.
JUSTIN GORRILL,
ALBERT WOODS,
AND DAMIAN LEW

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- Priority Queue for links
- Voting system allows for modular extension of AI
- Weighted Keyword Heuristic using T D I D F
- Weighted URL Analysis Heuristic



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- Fill in lost information from on line database like www.allmusic.com
- Include other AI heuristics like a Bayesian classifier
- Distribute across multiple systems