



FIND ME

COURSE: CS 382 - SEARCH ENGINES AND INFORMATION RETRIEVAL
PROF : CHAMROEUN KHIM



001

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WELCOME TO FIND ME!

Today's Agenda

- Introduction
- Modeling
- Demo
- Conclusion





INTRODUCTION

What is Find Me?

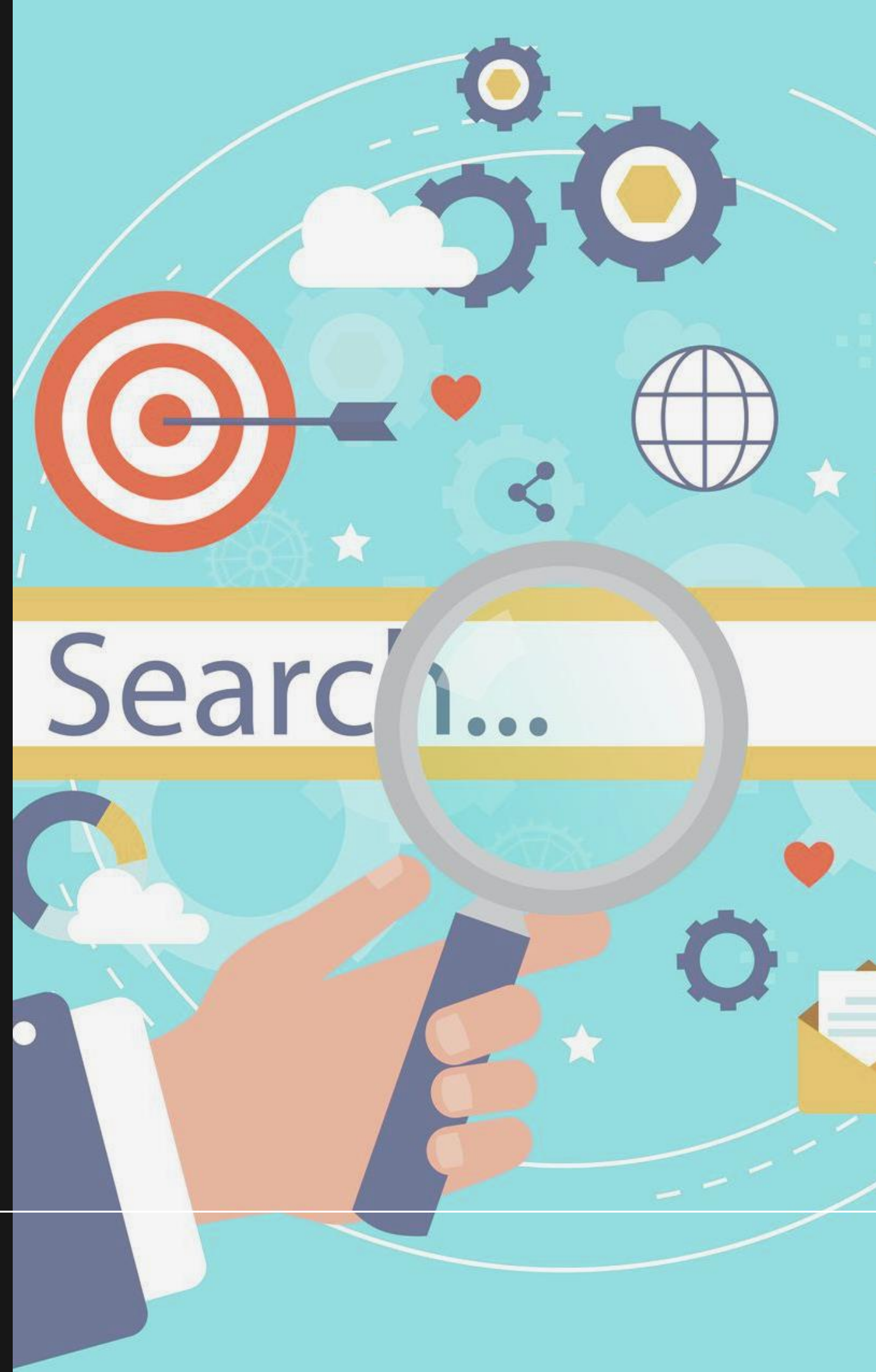
WE HAVE 3 MEMBERS:

- Monespiseth Ly
- Bunnarith Heang
- Seakmeng Chheang



003

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INTRODUCTION

Motivation



004

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INTRODUCTION

Objectives



005

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MODELING





TOOLS

007

1) Flask

For preprocessing and api

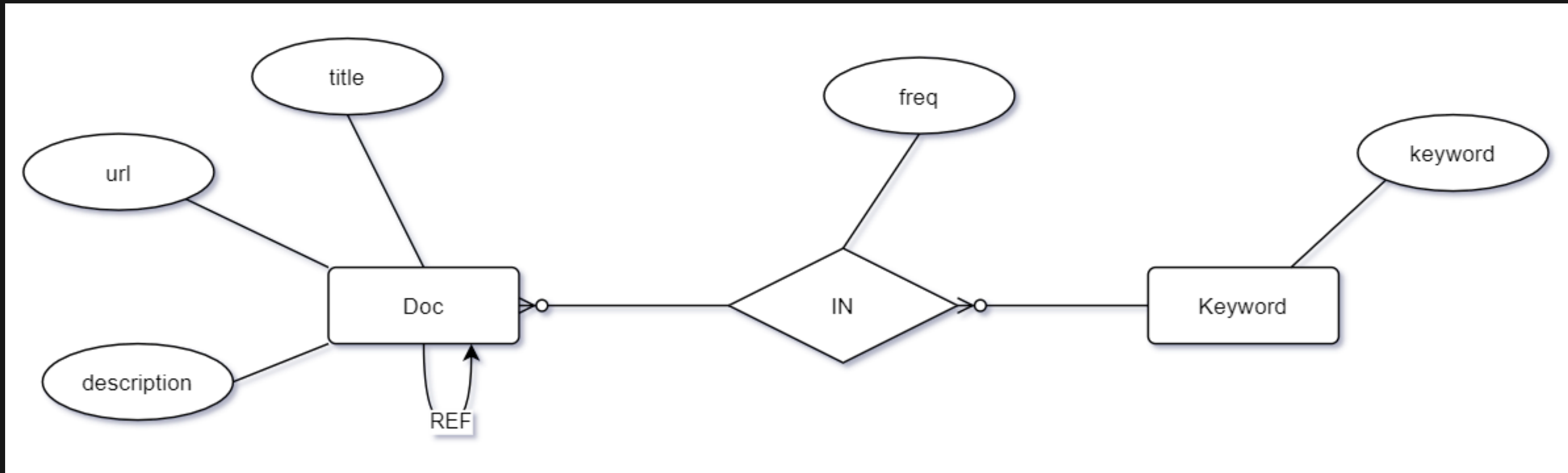
2) Neo4J

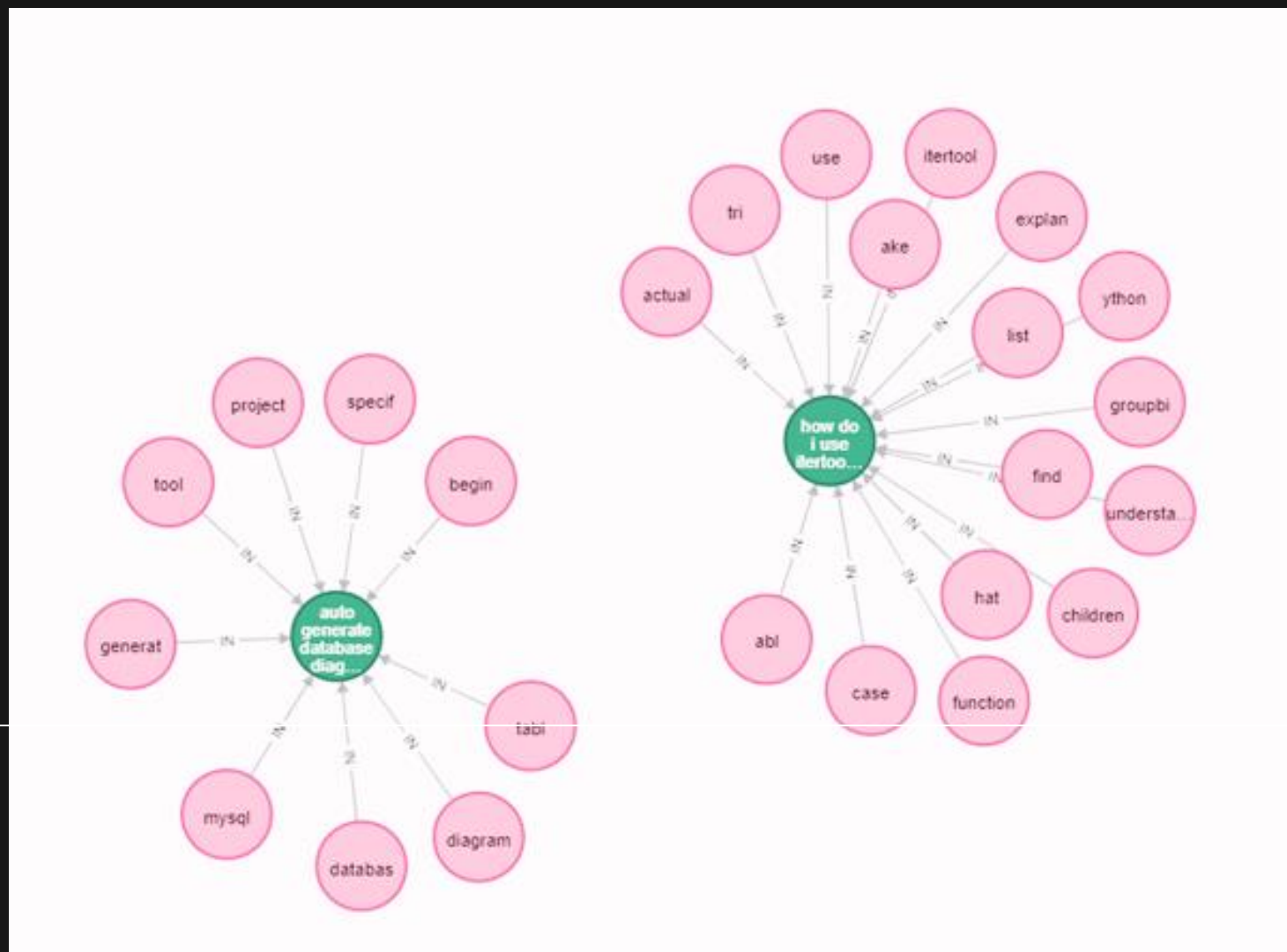
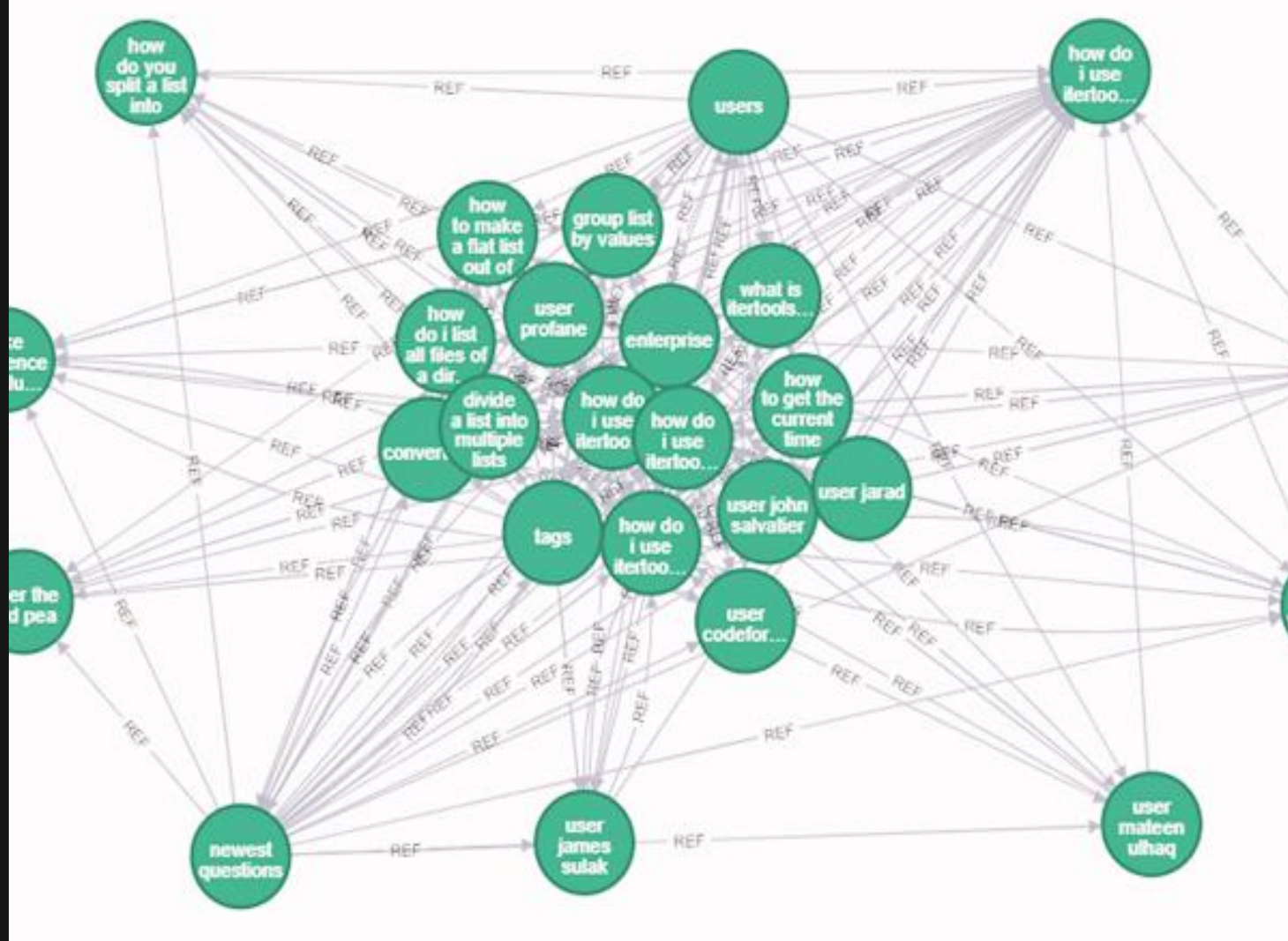
For datastore

3) Flutter

For User Interface

DIAGRAM





Graph representation of the models



COMPONENTS



CRAWLING

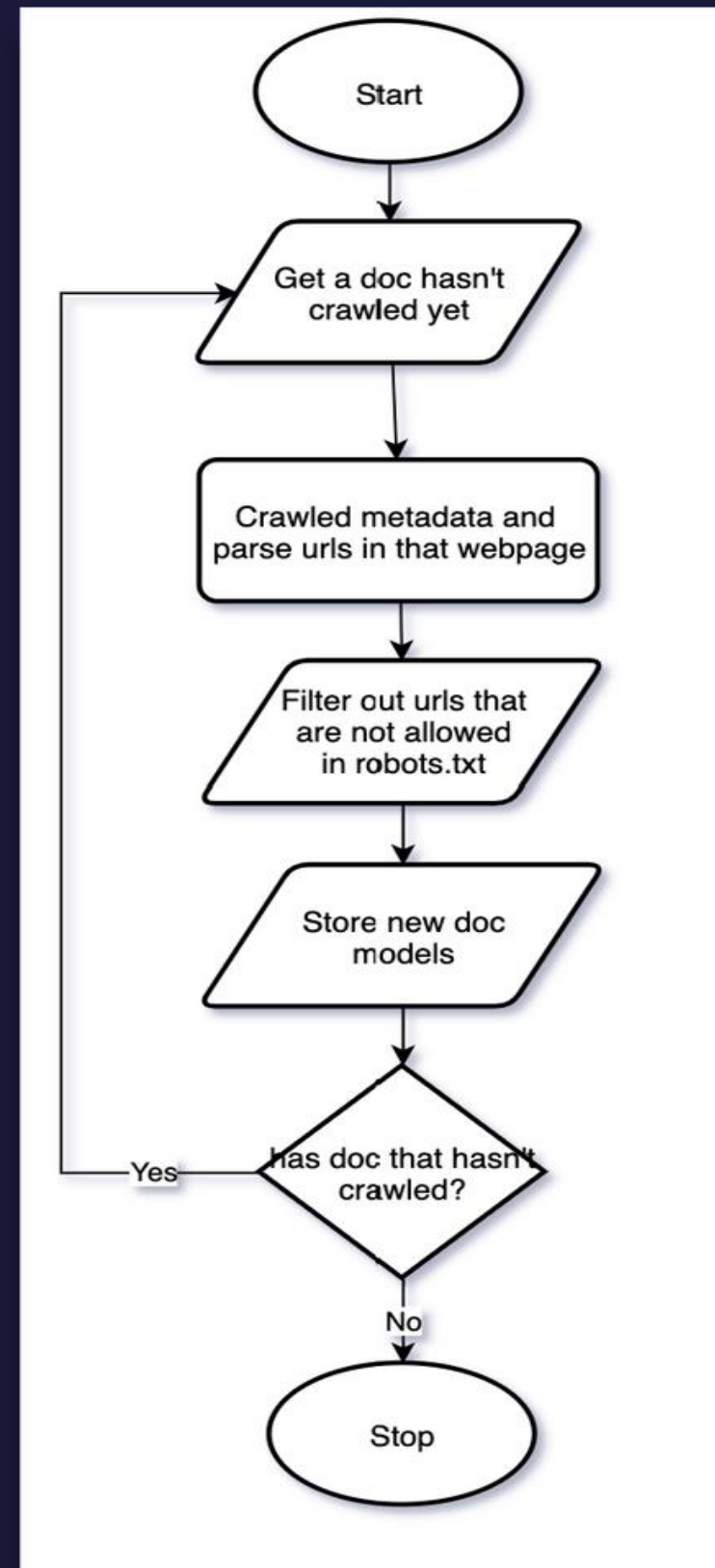
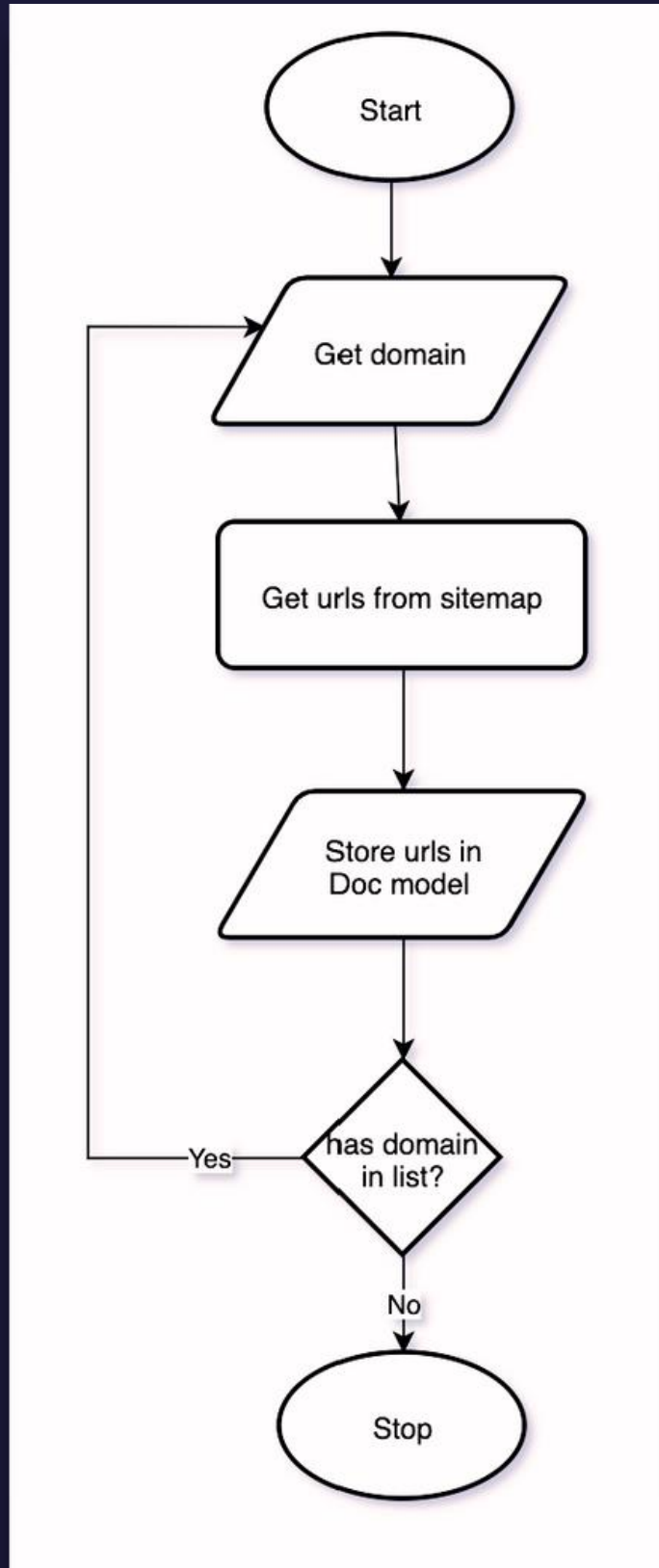
Download Information from the webpage

INDEXING

Preprocessing to help ranking documents faster

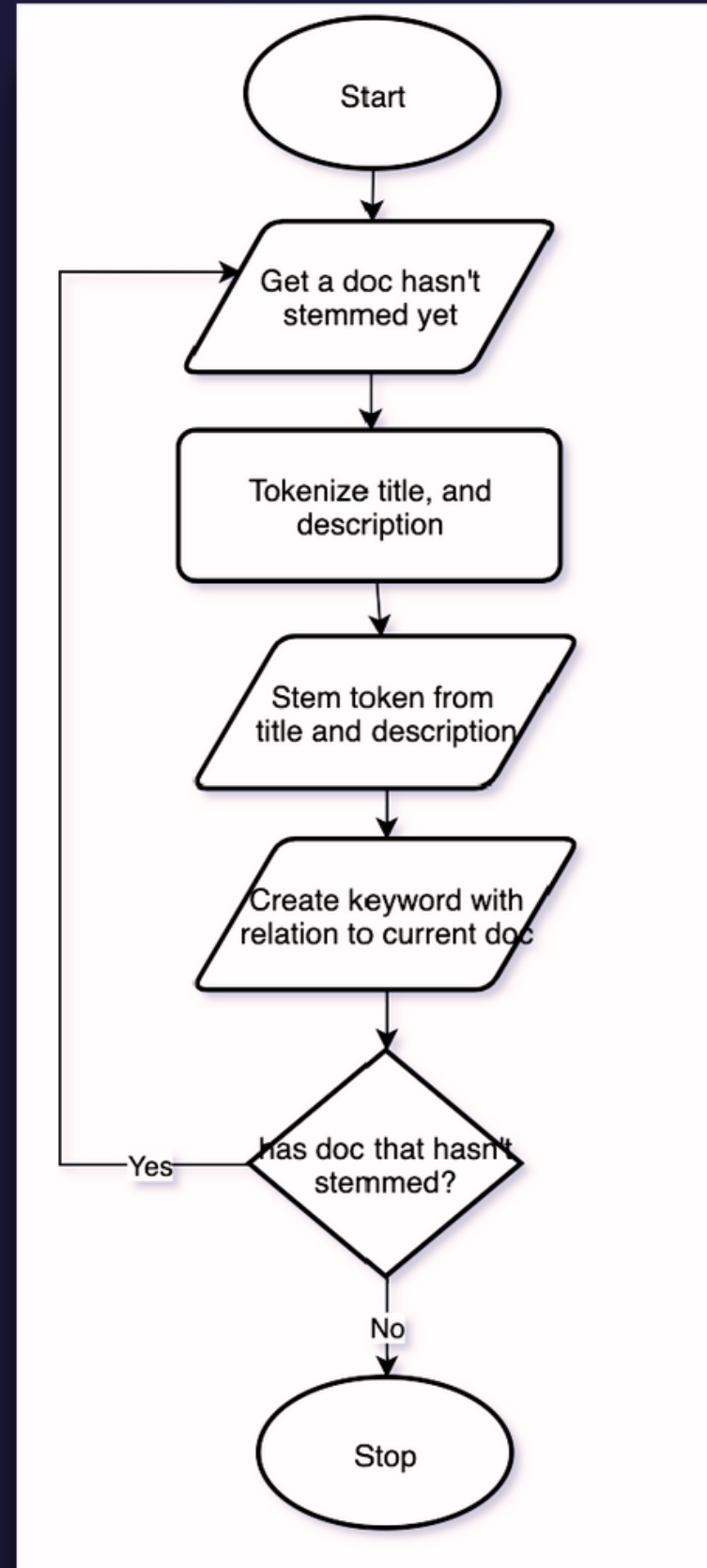
RANKING

Real time processing to score and rank document then return to the user

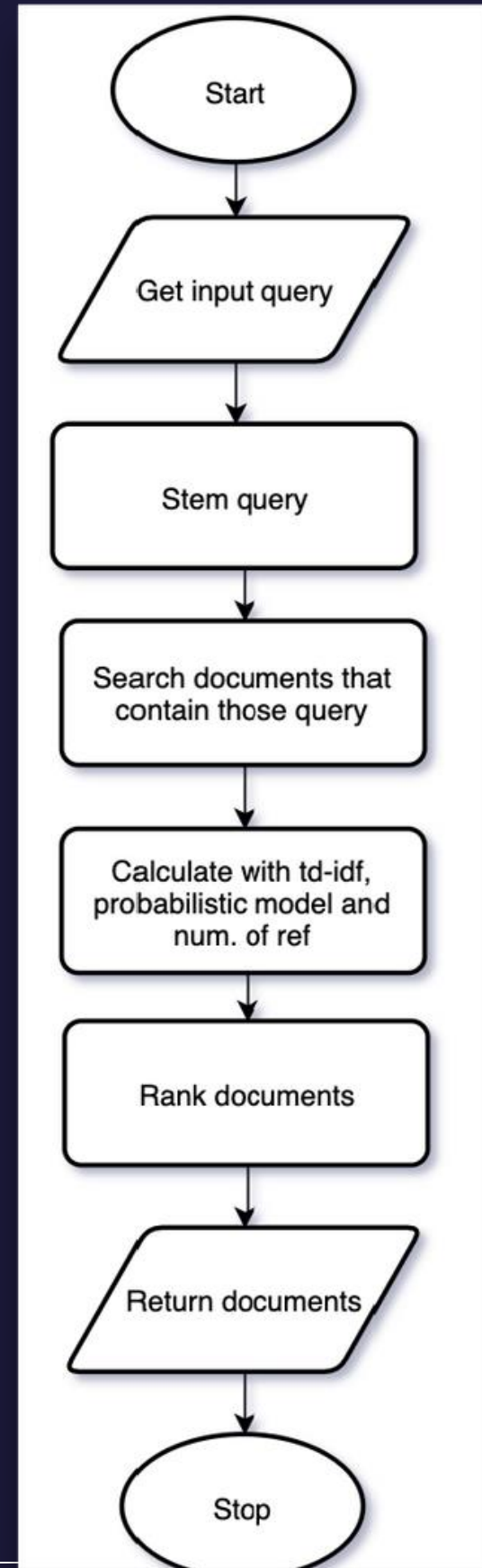


CRAWLING

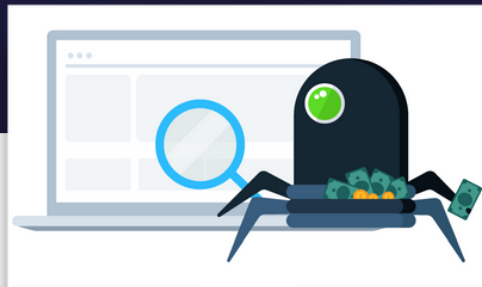
INDEXING



RANKING



ELIF



CRAWLING & INDEXING

- Fetch web pages
- Parse title and description
- Breaking into chunk of words (tokenization)
- Reduce to base/root form (stemming)
- Looking for more links



RANKING

- Tokenization and Stemming user query
- Rank documents with bespoke algorithm.



DEMO





STATS



5K+

Documents
in the datastore

7K+

Keywords
in the datastore



0.025% completed



0.0001% completed

016

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how can I use node.js

und 1243 results (24 ms)

[How to decide when to use Node.js?](#)
<https://stackoverflow.com/questions/5062614/how-to-decide-when-to-use-node-js>
I am new to this kind of stuff, but lately I've been hearing a lot about **how** good **Node.js** is. Considering **how** much I love working with jQuery and JavaScript in general, I **can't** help but wonder **how** to

[how do I pass command line arguments to a node.js program?](#)
<https://stackoverflow.com/questions/4351521/how-do-i-pass-command-line-arguments-to-a-node-js-program>
I have a web server written in **Node.js** and I would like to launch with a specific folder. I'm not sure **how** to access arguments in JavaScript. I'm running node like this: \$ node server.js folder h...

[remove all child elements of a dom node in javascript](#)
<https://stackoverflow.com/questions/3955229/remove-all-child-elements-of-a-dom-node-in-javascript>
How would I go about removing all of the child elements of a DOM node in JavaScript? Say I have the following (ugly) HTML: <p id="foo"> hello </div>wor...

how can I use node.js site:stackoverflow.com

All Images Videos News Maps Settings

All regions Safe search: moderate Any time

Showing results from: stackoverflow.com All Results

javascript - How to decide when to use Node.js? - Stack ...
 <https://stackoverflow.com/questions/5062614/how-to-decide-when-to-use-node-js>
Node.js. is a command-line tool that can be run as a regular web server and lets one run JavaScript programs. utilizes the great V8 JavaScript engine. is very good when you need to do several things at the same time. is event-based so all the wonderful Ajax -like stuff can be done on the server side.

javascript - How can I use Nodejs with Windows 7? - Stack ...

Google how can I use node.js site:stackoverflow.com

🔍 ទាំងអស់ វីដេអូ រូបភាព ឯកសារ

លទ្ធផលប្រហែល 4,640.000 (0,42 វិនាទី)

<https://stackoverflow.com> > questions > ho... បកប្រែចំពោះនេះ
How to decide when to use Node.js? - Stack Overflow
ចម្លើយ 17
You did a great job of summarizing what's awesome about **Node.js**. My feeling is that **Node.js** is especially suited for applications where you'd like to maintain a ...

<https://stackoverflow.com> > questions > no... បកប្រែចំពោះនេះ
NodeJS / Express: what is "app.use"? - Stack Overflow
24 មេសា 2017 · ចម្លើយ 26
The app object is instantiated on creation of the **Express** server. It has a middleware stack that can be customized in app.configure() (this is now ...

Microsoft Bing how can I use node.js site:stackoverflow.com

ALL IMAGES VIDEOS NEWS

1,470,000 Results

[javascript - How can I use Node.js in Netsuite? - Stack ...](#)
<https://stackoverflow.com/questions/39538701>
16/09/2016 · 1 Answer1. Active Oldest Votes. 5. No, it's a different Javascript engine. Rhino I believe. You can use various JS libraries but Node modules are usually written with that engine in mind. Share. answered Sep 16 '16 at 20:38. TonyH.

[javascript - How to decide when to use Node.js? - Stack ...](#)
<https://stackoverflow.com/questions/5062614>
21/02/2011 · Node.js. is a command-line tool that can be run as a regular web server and lets one run JavaScript programs. utilizes the great V8 JavaScript engine. is very good when you need to do several things at the same time. is event-based so all the wonderful Ajax -like stuff can ...

Code sample

```
if (typeof localStorage === 'undefined' || localStorage === null) {  
  var LocalStorage = require('node-localstorage').LocalStorage;  
  localStorage = new LocalStorage(__dirname + '/localStorage',  
    'localStorage');
```





how to use singleton pattern

Found 1287 results (120 ms)

[difference between static class and singleton pattern?](#)

<https://stackoverflow.com/questions/519520/difference-between-static-class-and-singleton-pattern>

What real (i.e. practical) difference exists between a static class and a **singleton pattern**? Both can be invoked without instantiation, both provide only one "Instance" and neither of them is thread-

[on design patterns: when should i use the singleton?](#)

<https://stackoverflow.com/questions/228164/on-design-patterns-when-should-i-use-the-singleton>

The glorified global variable - becomes a glorified global class. Some say breaking object-oriented design. Give me scenarios, other than the good old logger where it makes sense **to use** the **singleton**.

[what is the difference between builder design pattern and factory design pattern?](#)

<https://stackoverflow.com/questions/757743/what-is-the-difference-between-builder-design-pattern-and-factory-design-pattern>

What is the difference between the Builder design **pattern** and the Factory design **pattern**? Which one is more advantageous and why? **How** do I represent my findings as a graph if I want **to** test and



vertical align div css

Search

Found 107 results (18 ms)

[newest 'css' questions](#)

<https://stackoverflow.com/questions/tagged/css>

Stack Overflow | The World's Largest Online Community for Developers

0.90

[how to vertically align an image inside a div](#)

<https://stackoverflow.com/questions/7273338/how-to-vertically-align-an-image-inside-a-div>

How can you **align** an image inside of a containing **div**? Example In my example, I need to vertically center the `` in the `<div>` with class `="frame"`; `<div class="frame...>`

0.90

[Vertically align text next to an image?](#)

<https://stackoverflow.com/questions/489340/vertically-align-text-next-to-an-image>

Why won't **vertical-align: middle** work? And yet, **vertical-align: top** does work. `span{ vertical-align: middle; } <div> `

0.79

[How do I vertically align text in a div?](#)

<https://stackoverflow.com/questions/2939914/how-do-i-vertically-align-text-in-a-div>

0.77





CONCLUSION

- Most of the time, users are not reliable source of truth
- To make a good search engine, time and resources are needed to produce a good algorithm with computational power to make querying consumes less time.
- Search engine algorithms should change after a period of time





**THANK YOU FOR
JOINING TODAY.**

