Implementing Search in .NET Apps

SEARCHING IS IMPORTANT... BUT WHY? AND HOW?

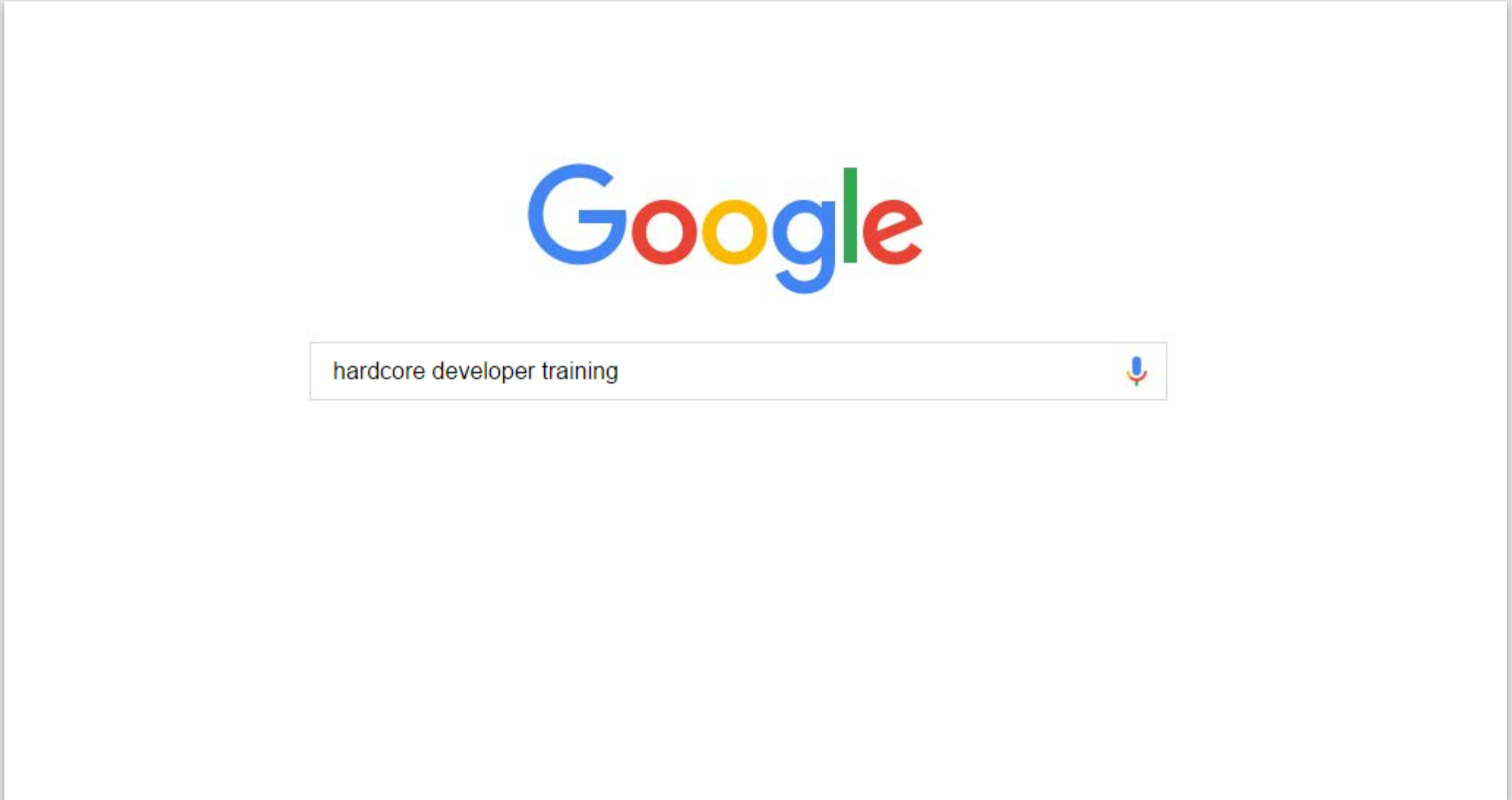
Xavier Morera
PASSIONATE ABOUT TEACHING

@xmorera www.xaviermorera.com

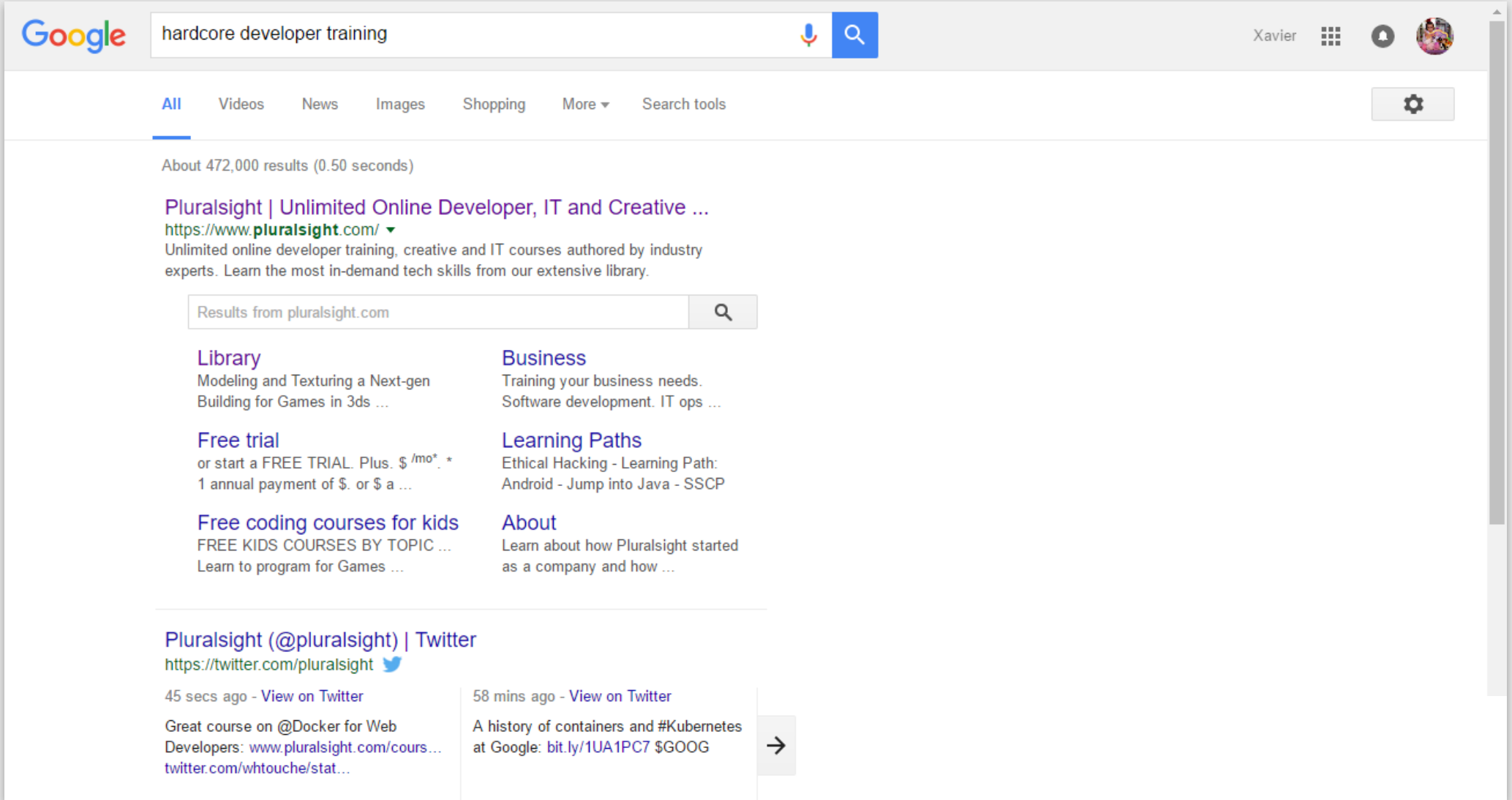
Imagine a Life Without

Google

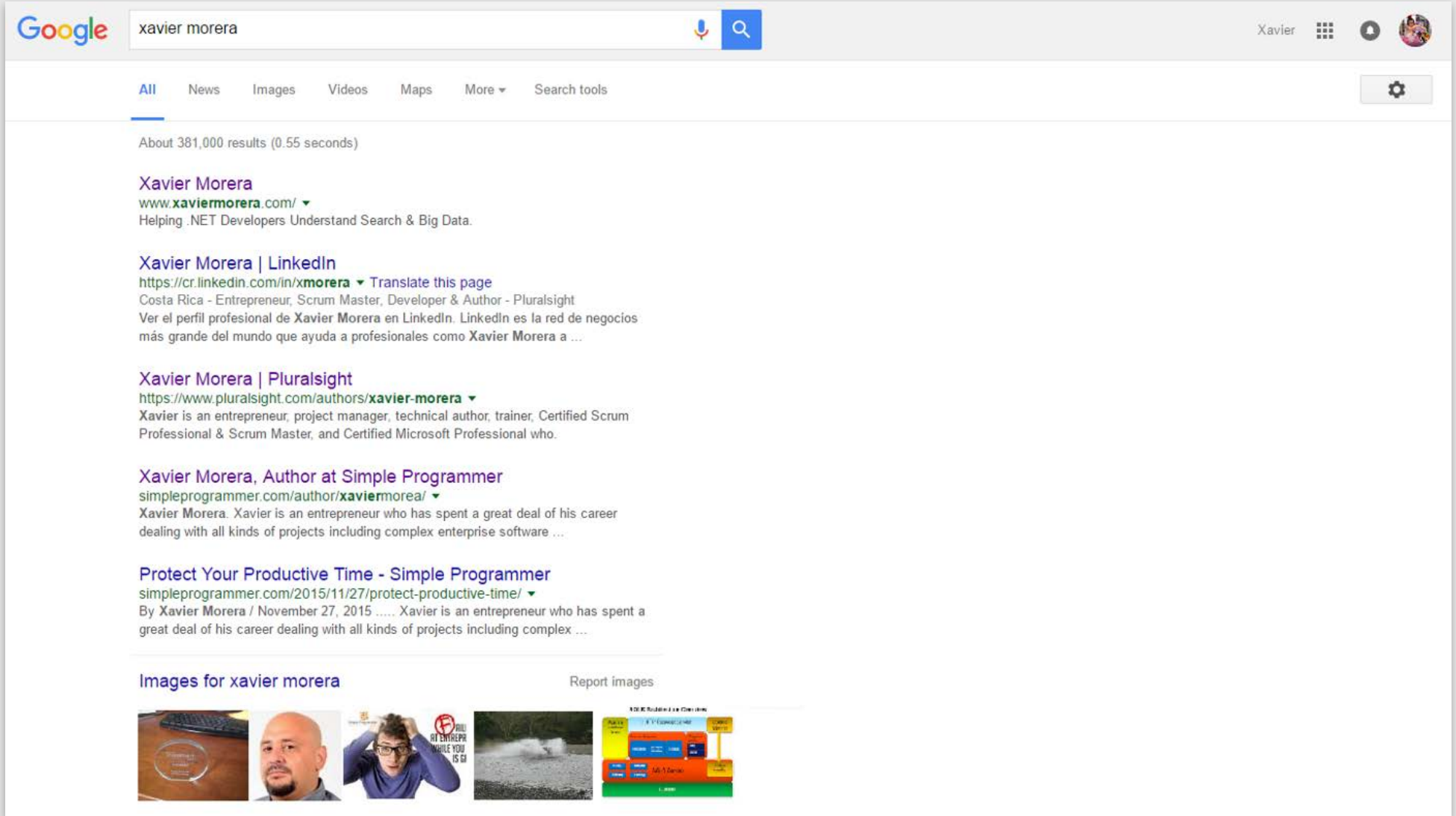
Life Without Google



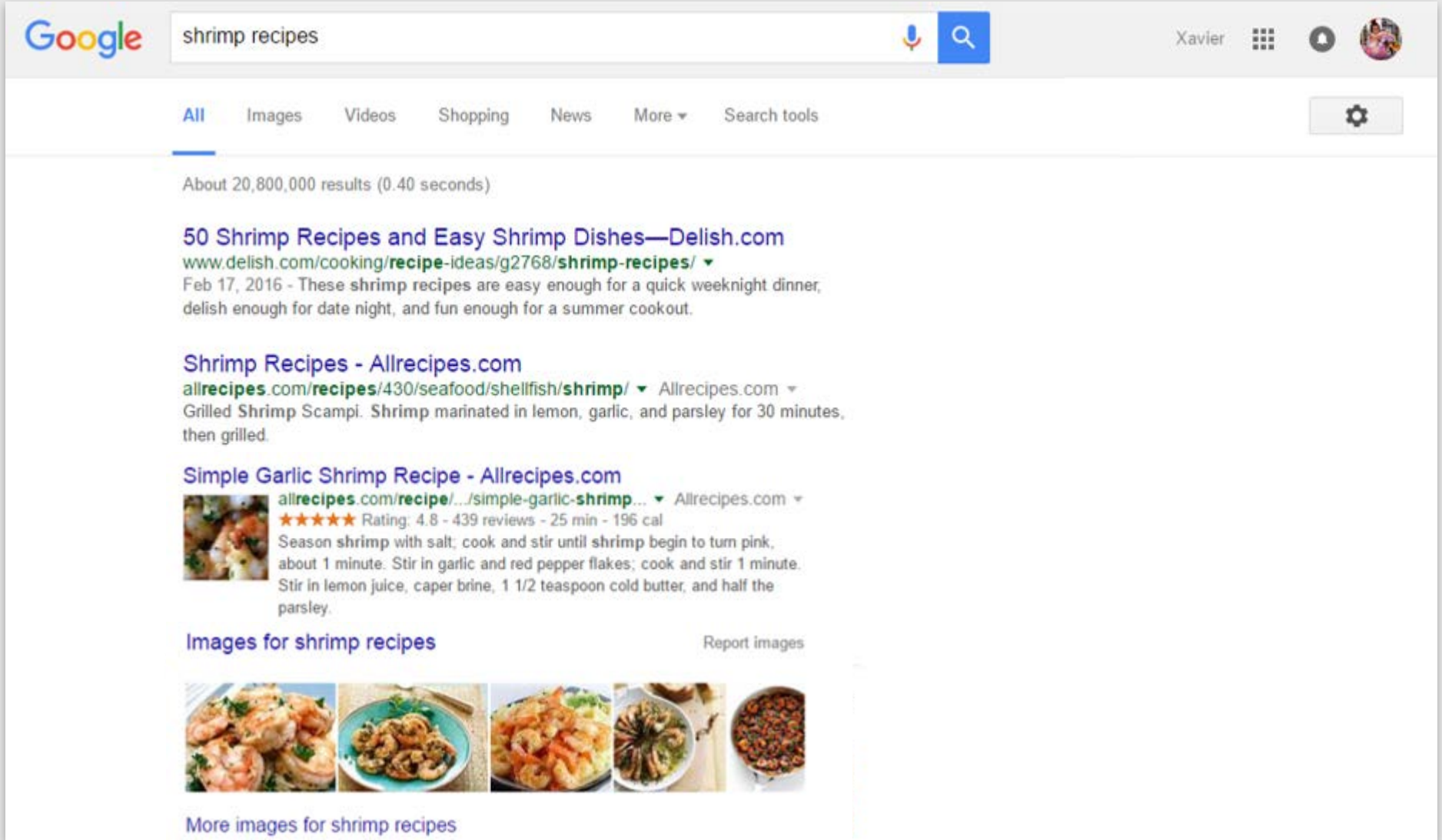
Life Without Google



Life Without Google



Life Without Google



Search

solrnet

search

Advanced Search Tips

1,216 results

relevance newest votes active

1 vote
1 answer

Q: Solrnet & Clustering

Is it possible to get clustering in Solr querying via **SolrNet**? using built-in algos. like Carrot2 etc.? Can anyone share some sample code or tips to proceed? ...

solr solrnet

asked Sep 15 '10 by Mikos

4 votes
1 answer

Q: Explaination of SolrNet connection

Why is the container of the **SolrNet** connections kept static? This is a very big fault, as when, in our application, we send an asynchronous request to our application, **SolrNet** behaves abnormally. How ... I can avoid this issue in **SolrNet**? class P { static void M(string[] a) { Thread t = new Thread(delegate() { f1(); }); Thread t1 = new Thread ...

c# solrnet

asked Jul 26 '11 by Ahsan Iqbal

2 votes
1 answer

Q: How to install SOLRNET [closed]

Hi I am very new to **SOLRNET**. Can you please explain where I can get the software of **SOLRNET**,how to install it. Lucene in java has a port for .NEt right.So is this a port to Solr in java??? Thank you ...

solrnet

asked Feb 23 '11 by Nakkala

1 vote
1 answer

Q: Multiple facets with SolrNet

I want to do a query with two facets with **SolrNet**, City And Category. But each facet has diferrent properties. For example mincount for city is zero and for category is 1. How can I do ... this with **SolrNet**? I know FacetParametes has Queries property that can be an array of queries, but what about mincount? Thanks. ...

results found containing
solrnet

Work from anywhere

Product Owner - $100k
Crossover *No office location*
REMOTE
c# .net

Chief Software Architect .NET - $100K
Crossover *No office location*
REMOTE
c# .net

3D Modellers and 3D Animators for Online Casino Games (Work from Home)
Essential Algorithms Solutions
San José, Costa Rica
REMOTE
maya 3dsmax

Crossover Software Engineering Manager - $100k
Crossover *No office location*
REMOTE

BEAUTIFUL THINGS ON AMAZON UPDATED DAILY EXPLORE

1-24 of 89 results for **Electronics** : **Computers & Accessories** : **Monitors** : "34 inch monitor"

Sort by Relevance

Show results for

- Any Category
- Electronics
- Computers & Accessories
- **Monitors**

Refine by

Amazon Prime

- Prime

TV & Monitor Display Technology

- LED-Lit (61)
- LCD (30)
- Curved (13)
- 4K UHD (6)

PC Monitor Display Size

- 50 Inches & Above
- 40 to 49.9 Inches (2)
- 30 to 39.9 Inches (67)
- 26 to 29.9 Inches (16)
- 24 to 25.9 Inches (3)
- 22 to 23.9 Inches (1)
- 20 to 21.9 Inches
- 18 to 19.9 Inches

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Ad feedback

Showing results in **Electronics**. Show instead results in All Departments.

Related Searches: 27 inch monitor, 4k monitor.

TV & Monitor Display Technology: LED-Lit | LCD | Curved | 4K UHD

See more choices

Dell UltraSharp U3415W 34-Inch Curved LED-Lit Monitor

LG 34" Class UltraWide IPS Gaming Monitor 34UM57-P

by LG

LG Electronics UM67 34UM67 34-Inch Screen LED-lit Monitor

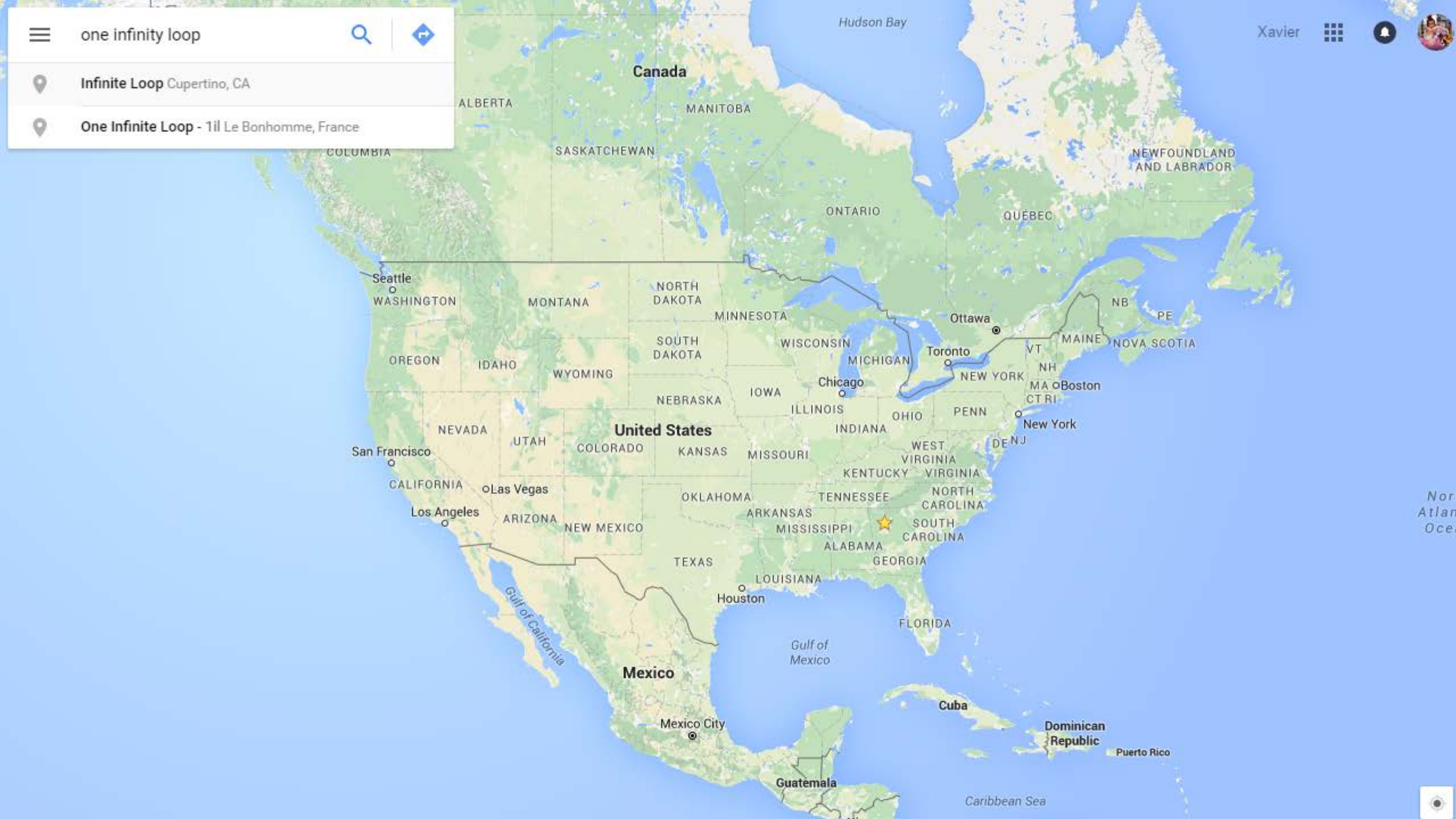
by LG

Sponsored

ViewSonic VA2246M-LED 22-Inch L...

$94.99 ~~$191.00~~ Prime

926


one infinity loop
Infinite Loop Cupertino, CA
One Infinite Loop - 1il Le Bonhomme, France
Xavier
Hudson Bay
Canada
ALBERTA
MANITOBA
SASKATCHEWAN
COLUMBIA
NEWFOUNDLAND AND LABRADOR
ONTARIO
QUEBEC
Seattle
WASHINGTON
MONTANA
NORTH DAKOTA
MINNESOTA
Ottawa
NB
PE
NOVA SCOTIA
MAINE
SOUTH DAKOTA
WISCONSIN
Toronto
VT
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NEW YORK
MA
Boston
Chicago
NEBRASKA
IOWA
CT RI
ILLINOIS
OHIO
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United States
NEVADA
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WEST VIRGINIA
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VIRGINIA
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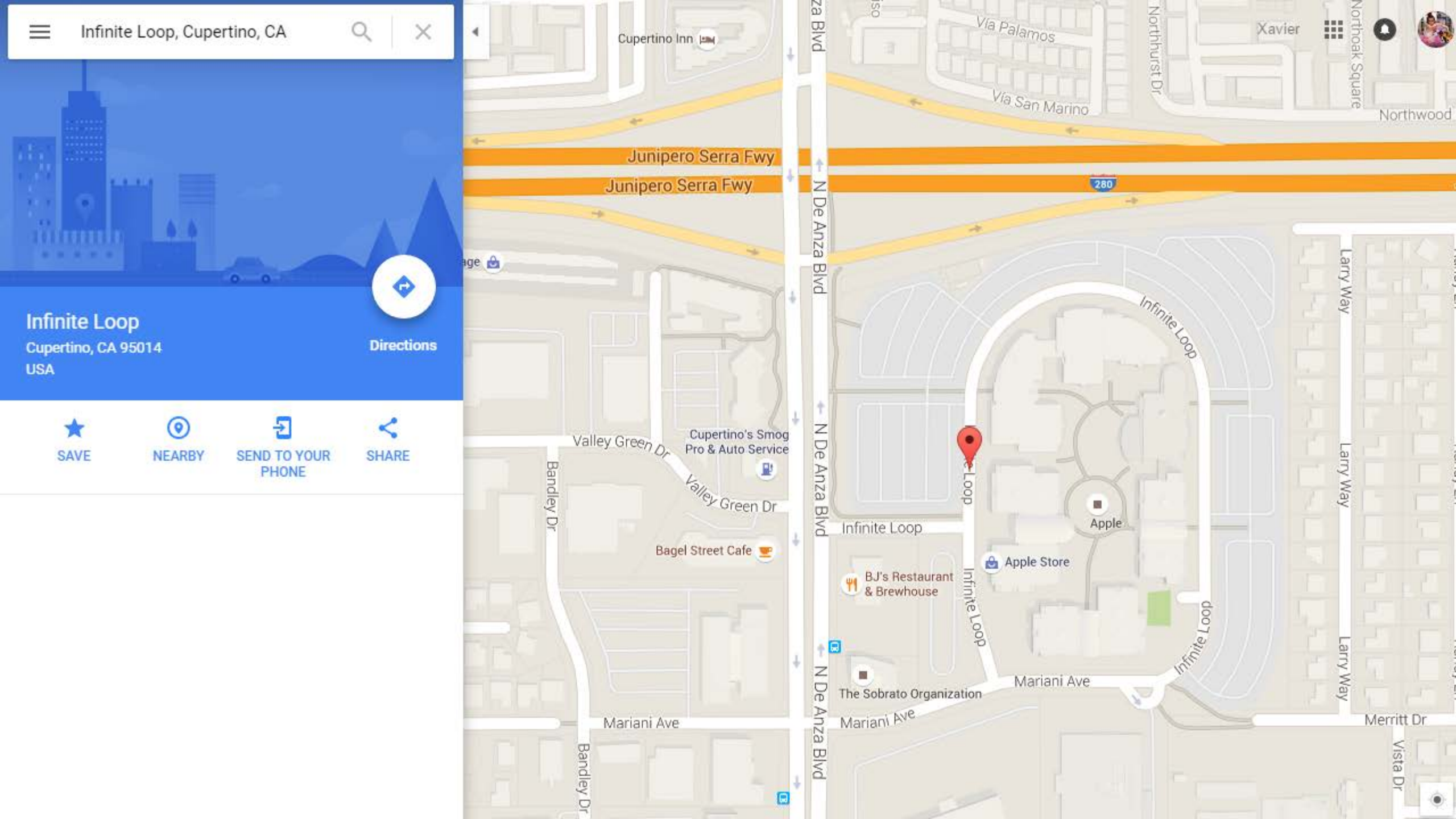
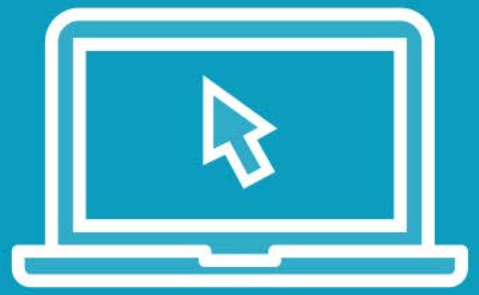
ALABAMA
GEORGIA
TEXAS
LOUISIANA
Houston
Gulf of California
FLORIDA
Gulf of Mexico
Mexico
Cuba
Mexico City
Dominican Republic
Puerto Rico
Guatemala
Caribbean Sea


Infinite Loop, Cupertino, CA
Infinite Loop
Cupertino, CA 95014
USA
Directions
SAVE
NEARBY
SEND TO YOUR PHONE
SHARE
Cupertino Inn
Via Palamos
Via San Marino
Northhurst Dr
Northoak Square
Xavier
Northwood
Junipero Serra Fwy
Junipero Serra Fwy
280
N De Anza Blvd
N De Anza Blvd
N De Anza Blvd
Valley Green Dr
Valley Green Dr
Cupertino's Smog Pro & Auto Service
Bandley Dr
Bandley Dr
Bagel Street Cafe
Infinite Loop
Infinite Loop
Infinite Loop
Infinite Loop
Apple
Apple Store
BJ's Restaurant & Brewhouse
The Sobrato Organization
Mariani Ave
Mariani Ave
Mariani Ave
Larry Way
Larry Way
Larry Way
Merritt Dr
Vista Dr

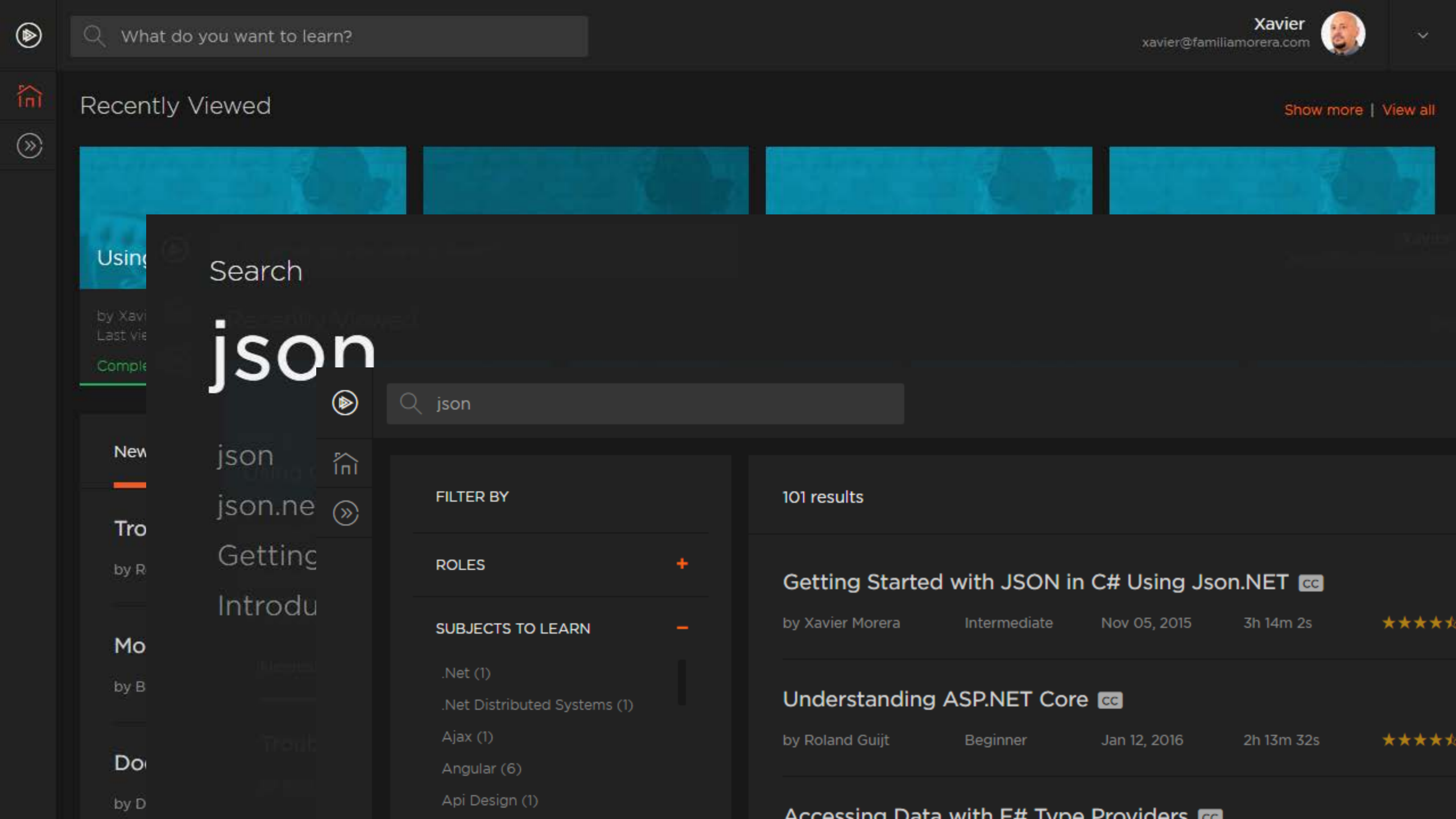
Billions Trained in Search

Demo



Searching for a Pluralsight Course

M1 D1


What do you want to learn?
Xavier
xavier@familiamorera.com
Recently Viewed
Show more | View all
Search
json
json
json.ne
Getting
Introdu
json
FILTER BY
ROLES
SUBJECTS TO LEARN
.Net (1)
.Net Distributed Systems (1)
Ajax (1)
Angular (6)
Api Design (1)
101 results
Getting Started with JSON in C# Using Json.NET
by Xavier Morera
Intermediate
Nov 05, 2015
3h 14m 2s
Understanding ASP.NET Core
by Roland Guijt
Beginner
Jan 12, 2016
2h 13m 32s

Try New UI

Solr

- Dashboard
- Logging
- Core Admin
- Java Properties
- Thread Dump

courses

- Overview
- Analysis
- Dataimport
- Documents
- Files
- Ping
- Plugins / Stats
- Query
- Replication
- Schema Browser
- Segments info

Request-Handler (qt)

/select

common

q

coursetitle:solr

fq

sort

start, rows

0 10

fl

courseid coursetitle description duratio

df

Raw Query Parameters

key1=val1&key2=val2

wt

json

- [x] indent
- [ ] debugQuery
- [ ] dismax
- [ ] edismax
- [ ] hl
- [ ] facet
- [ ] spatial
- [ ] spellcheck

http://localhost:8983/solr/courses/select?q=coursetitle%3Asolr&fl=courseid+coursetitle+description+durationseconds+releasedate+tags&


```
{
  "responseHeader": {
    "status": 0,
    "QTime": 2,
    "params": {
      "q": "coursetitle:solr",
      "indent": "true",
      "fl": "courseid coursetitle description durationseconds releasedate tags",
      "wt": "json",
      "_": "1463368281686"
    }
  },
  "response": {
    "numFound": 1,
    "start": 0,
    "docs": [
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        "coursetitle": "Getting Started with Enterprise Search Using Apache Solr",
        "durationseconds": 12728,
        "releasedate": "2014-06-23T00:00:00Z",
        "description": "Search is one of the most misunderstood functionalities in the IT industry. Even further, Enterprise Searcl
        "tags": [
          "open-source",
          "big-data",
          "developer",
          "apache",
          "search"
        ]
      }
    ]
  }
}
```
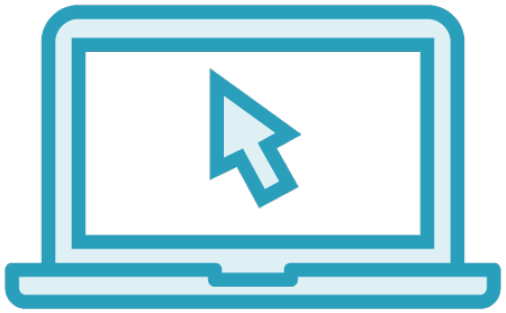


Activate Windows
Go to Settings to activate Windows.

Demo Summary



Search is a key feature of almost all applications

Typeahead is a helper feature of search

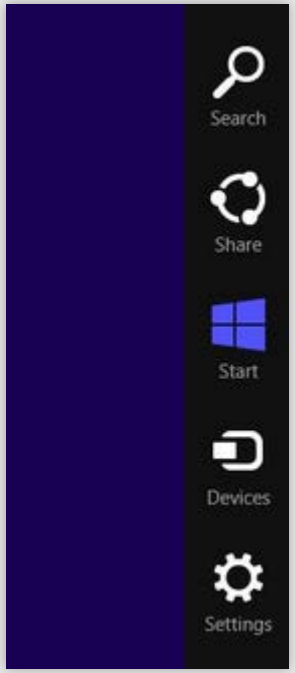
- Runs queries before displaying final results

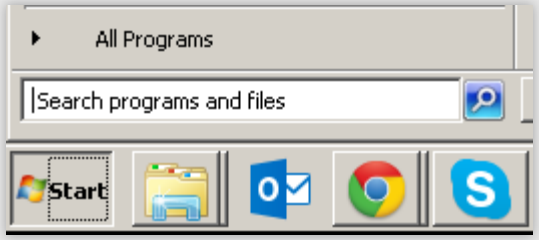
Search helps you find what you need

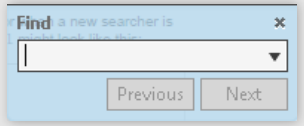
- When it works

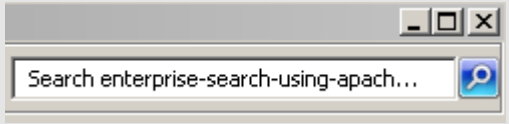
You will learn how to use Solr (search engine) soon

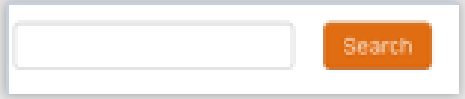
Search Is Everywhere

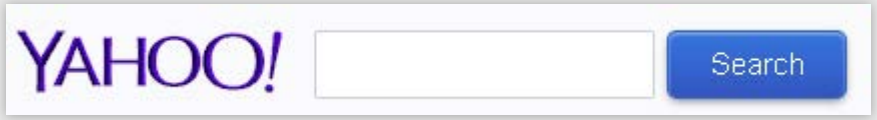


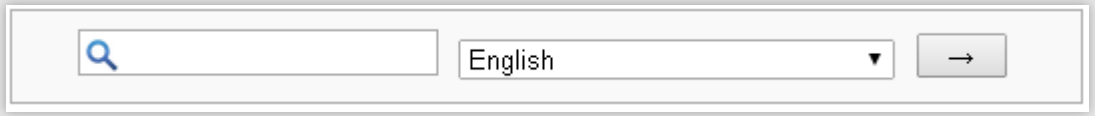


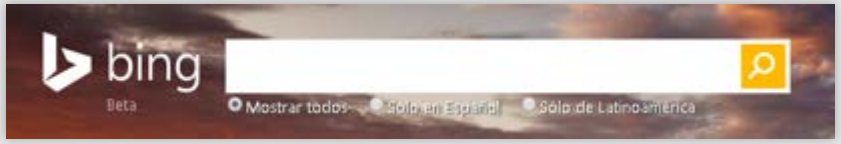


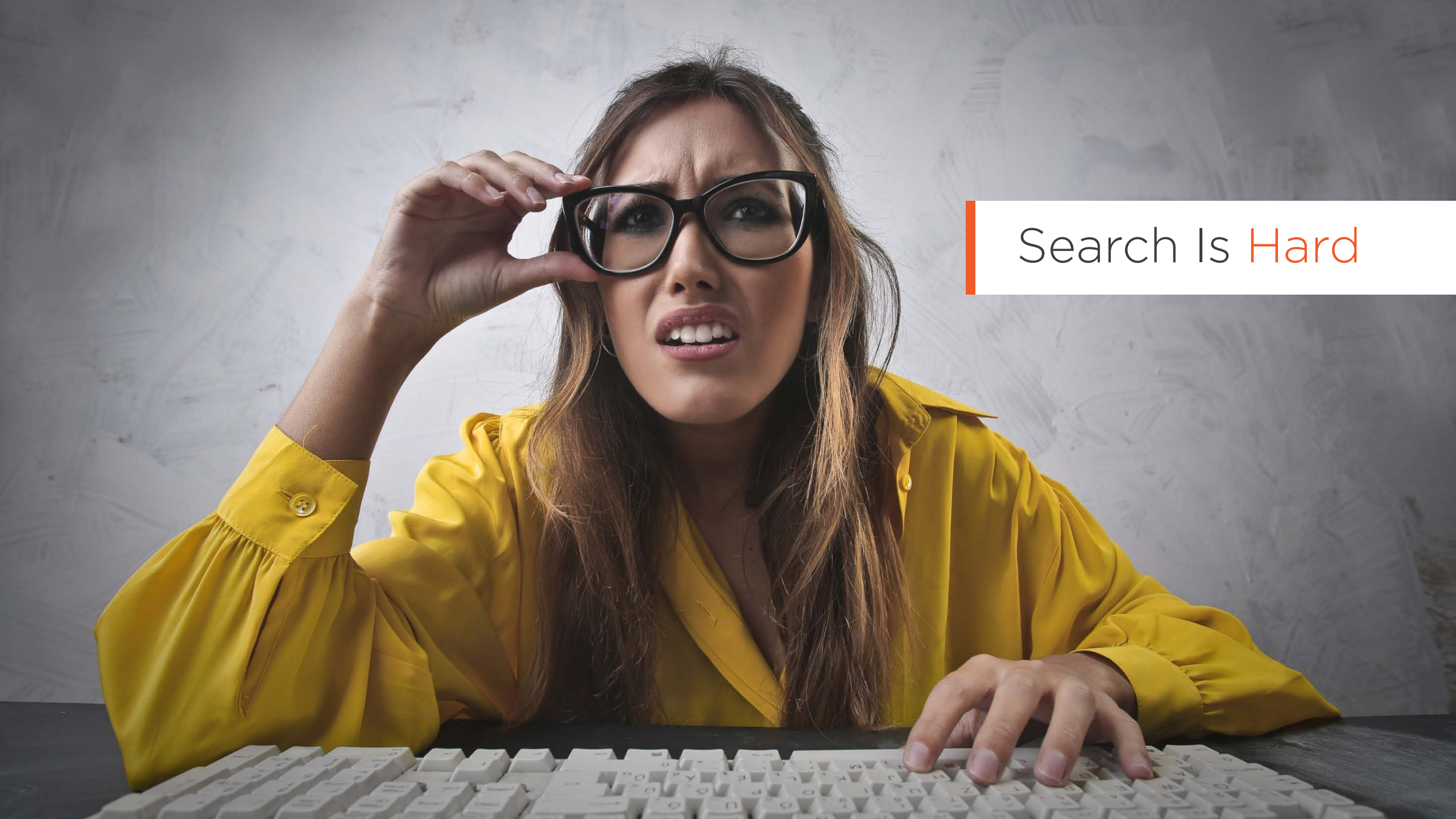











Search Is Hard

Few Know How to Properly Implement Search

Once You Are Done with This Course...

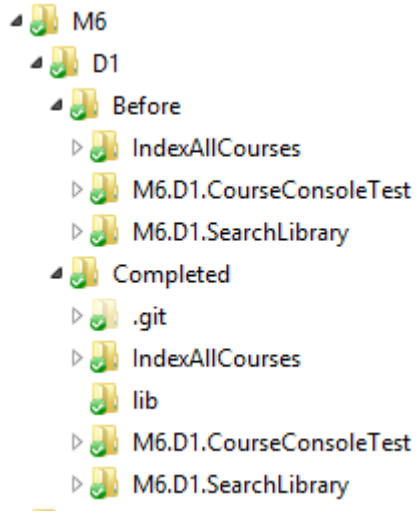
You Will Be Able To...

Find the needle in the haystack

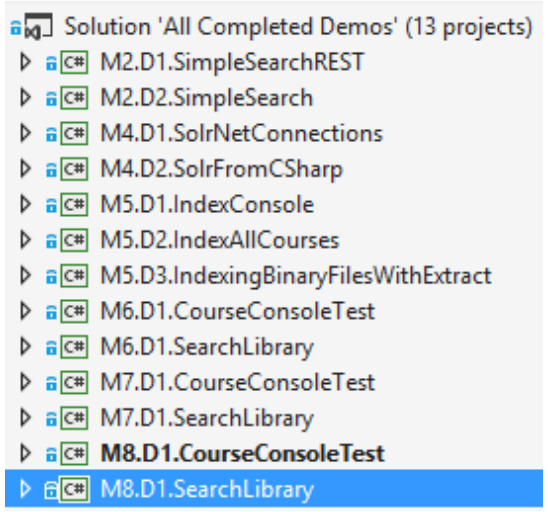
Focus of This Course

- .NET developers
- C# as our language
- Apache Solr as search engine
- Use search engine from code with SolrNet
- Abstracts the search engine
- Simplifies the process
- Classes and methods for every purpose
- I will explain the process soon

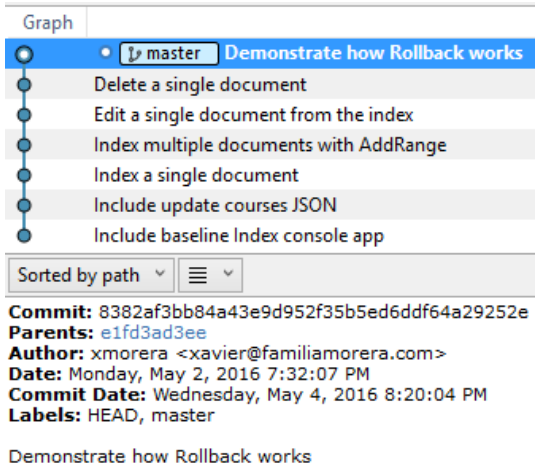
How to Use Demos



Before & Completed



Code & Instructions



Git “Playback”

Takeaway

Search is a daily part of our life

Search is the new killer app

Many features of search that help users

Search is hard

Few know how to properly implement search

And you are on your way to learn search