

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



hardcore developer training



Life Without Google

The screenshot shows a Google search interface. The search bar contains the text "hardcore developer training". The results show "About 472,000 results (0.50 seconds)". The top result is for Pluralsight, titled "Pluralsight | Unlimited Online Developer, IT and Creative ...". Below this, there are several links and descriptions for Pluralsight's offerings, including "Library", "Business", "Free trial", "Learning Paths", "Free coding courses for kids", and "About". At the bottom, there are two tweets from Pluralsight (@pluralsight) on Twitter, one mentioning Docker and the other mentioning Kubernetes.

Google hardcore developer training

Xavier

All Videos News Images Shopping More Search tools

About 472,000 results (0.50 seconds)

Pluralsight | Unlimited Online Developer, IT and Creative ...
<https://www.pluralsight.com/> ▼
Unlimited online developer training, creative and IT courses authored by industry experts. Learn the most in-demand tech skills from our extensive library.

Results from pluralsight.com

Library
Modeling and Texturing a Next-gen
Building for Games in 3ds ...

Business
Training your business needs.
Software development. IT ops ...

Free trial
or start a FREE TRIAL. Plus. \$ /mo* . *
1 annual payment of \$. or \$ a ...

Learning Paths
Ethical Hacking - Learning Path:
Android - Jump into Java - SSCP

Free coding courses for kids
FREE KIDS COURSES BY TOPIC ...
Learn to program for Games ...


About
Learn about how Pluralsight started
as a company and how ...

Pluralsight (@pluralsight) | Twitter
<https://twitter.com/pluralsight>




45 secs ago - [View on Twitter](#)
Great course on @Docker for Web
Developers: www.pluralsight.com/cours...
twitter.com/whtouche/stat...

58 mins ago - [View on Twitter](#)
A history of containers and #Kubernetes
at Google: bit.ly/1UA1PC7 \$GOOG

Life Without Google



Xavier



All

News

Images

Videos

Maps

More ▾

Search tools

About 381,000 results (0.55 seconds)

Xavier Morera

www.xaviermorera.com/ ▾

Helping .NET Developers Understand Search & Big Data.

Xavier Morera | LinkedIn

<https://cr.linkedin.com/in/xmorera> ▾ [Translate this page](#)

Costa Rica - Entrepreneur, Scrum Master, Developer & Author - Pluralsight

Ver el perfil profesional de **Xavier Morera** en LinkedIn. LinkedIn es la red de negocios más grande del mundo que ayuda a profesionales como **Xavier Morera** a ...

Xavier Morera | Pluralsight

<https://www.pluralsight.com/authors/xavier-morera> ▾

Xavier is an entrepreneur, project manager, technical author, trainer, Certified Scrum Professional & Scrum Master, and Certified Microsoft Professional who.

Xavier Morera, Author at Simple Programmer

simpleprogrammer.com/author/xaviermorea/ ▾

Xavier Morera. Xavier is an entrepreneur who has spent a great deal of his career dealing with all kinds of projects including complex enterprise software ...






Protect Your Productive Time - Simple Programmer

simpleprogrammer.com/2015/11/27/protect-productive-time/ ▾

By **Xavier Morera** / November 27, 2015 Xavier is an entrepreneur who has spent a great deal of his career dealing with all kinds of projects including complex ...




Images for xavier morera




[Report images](#)






Life Without Google

 shrimp recipes  

Xavier   

All Images Videos Shopping News More Search tools 

About 20,800,000 results (0.40 seconds)

50 Shrimp Recipes and Easy Shrimp Dishes—Delish.com

www.delish.com/cooking/recipe-ideas/g2768/shrimp-recipes/ ▾


Feb 17, 2016 - These **shrimp** recipes are easy enough for a quick weeknight dinner, delish enough for date night, and fun enough for a summer cookout.

Shrimp Recipes - Allrecipes.com

allrecipes.com/recipes/430/seafood/shellfish/shrimp/ ▾ Allrecipes.com ▾

Grilled Shrimp Scampi. Shrimp marinated in lemon, garlic, and parsley for 30 minutes, then grilled.

Simple Garlic Shrimp Recipe - Allrecipes.com





 allrecipes.com/recipe/.../simple-garlic-shrimp... ▾ Allrecipes.com ▾

★★★★★ Rating: 4.8 - 439 reviews - 25 min - 196 cal

Season **shrimp** with salt; cook and stir until **shrimp** begin to turn pink, about 1 minute. Stir in garlic and red pepper flakes; cook and stir 1 minute. Stir in lemon juice, caper brine, 1 1/2 teaspoon cold butter, and half the parsley.

Images for shrimp recipes

[Report images](#)

[More images for shrimp recipes](#)





Questions

Jobs

Tags

Users

Badges

Ask Question

Search

solrnet

search

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: Explanation 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 different properties. For example mincount for city is zero and for category is 1. How can I do ... this with **SolrNet**? I know FacetParameters has Queries property that can be an array of queries, but what about mincount? Thanks. ...

[Advanced Search Tips](#)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

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

☐ PrimeTV & 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

SPONSORED BY VIEWSONIC MONITORS

New Gaming Monitors with
Ultra-fast Refresh Rate> [Shop now](#)

ViewSonic XG2401 24-inc...



ViewSonic VX2257-MHD 2...



ViewSonic VX2457-MHD 2...

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 MonitorLG 34" Class UltraWide IPS Gaming
Monitor 34UM57-P
by LGLG 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





Infinite Loop, Cupertino, CA



Infinite Loop

Cupertino, CA 95014

USA



Directions



SAVE



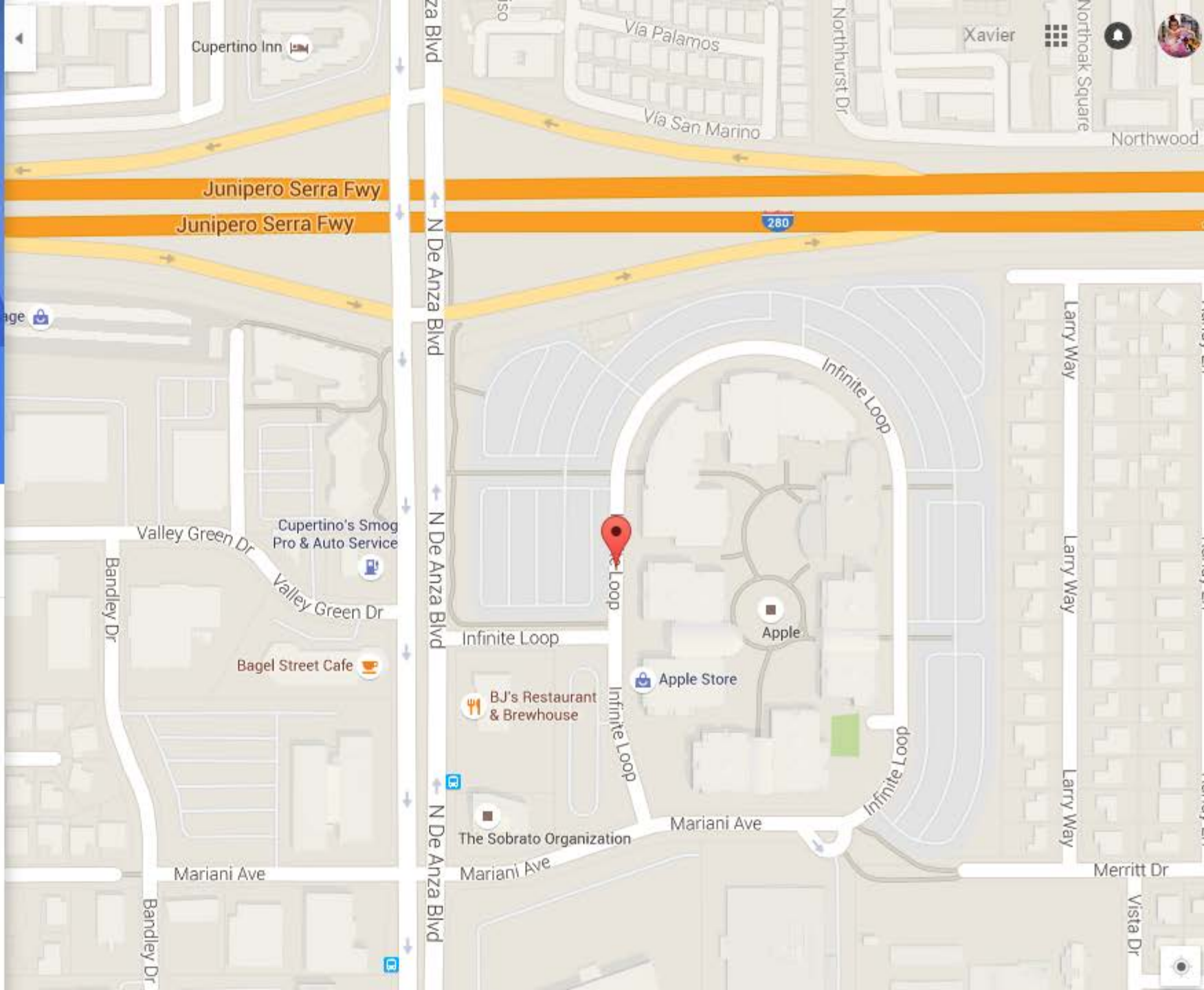
NEARBY



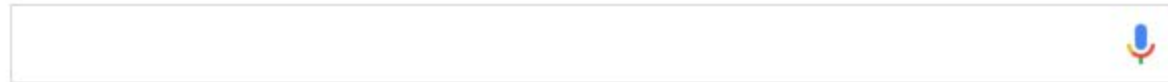
SEND TO YOUR
PHONE



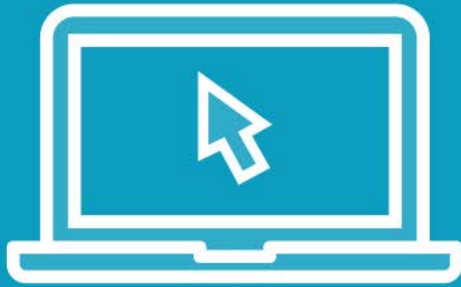
SHARE



Billions Trained in Search



Demo



Searching for a Pluralsight Course

M1 D1





What do you want to learn?



Recently Viewed

Show more | View all



Using
by Xavi
Last Vie
Comple

Search

json



json



New

Tro

by R

Mo

by B

Do

by D

json
json.ne
Getting
Introdu

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 CC

by Xavier Morera Intermediate Nov 05, 2015 3h 14m 2s ★★★★★

Understanding ASP.NET Core CC

by Roland Guijt Beginner Jan 12, 2016 2h 13m 32s ★★★★★

Accessing Data with E# Type Providers CC



- 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

☒ indent

☐ debugQuery

☐ dismax

☐ edismax

☐ hl

☐ facet

☐ spatial

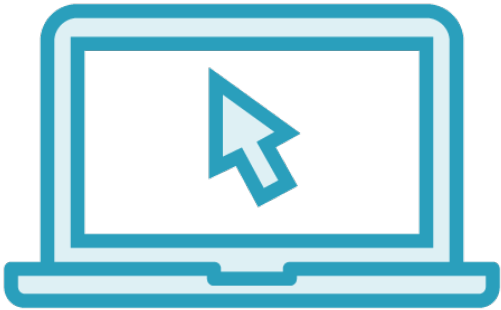
☐ spellcheck

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": [
      {
        "courseid": "enterprise-search-using-apache-solr",
        "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 Search",
        "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

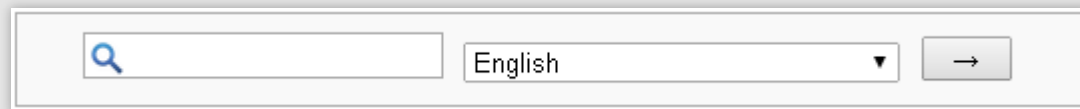
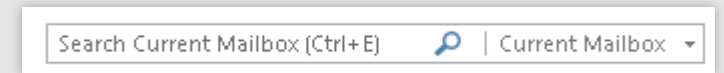
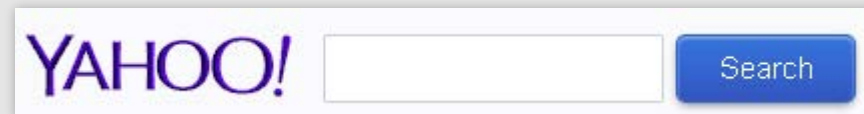
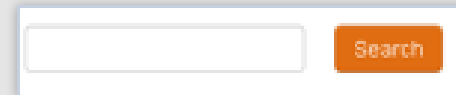
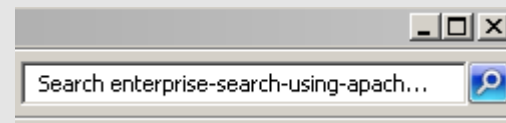
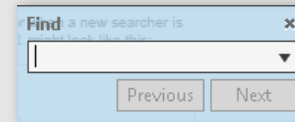
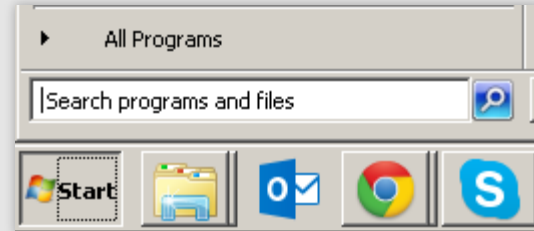
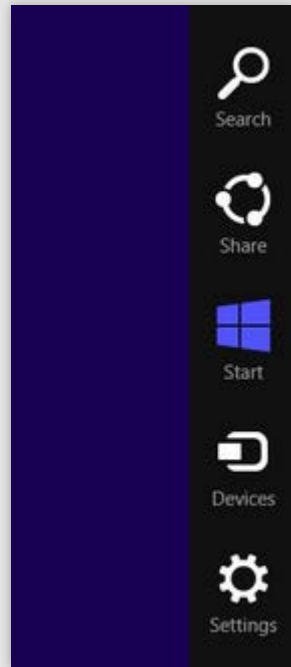
Search helps you find what you need

- When it works

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



Search Is Everywhere



A woman with long brown hair, wearing a bright yellow button-down shirt and black-rimmed glasses, is seated at a desk. She has a frustrated or exasperated expression, with her mouth slightly open and her right hand raised to her forehead, touching the top of her glasses. Her left hand is resting on a white computer keyboard. The background is a textured, light gray wall. In the upper right corner, there is a white rectangular box with an orange vertical bar on its left side, containing the text "Search Is Hard".

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

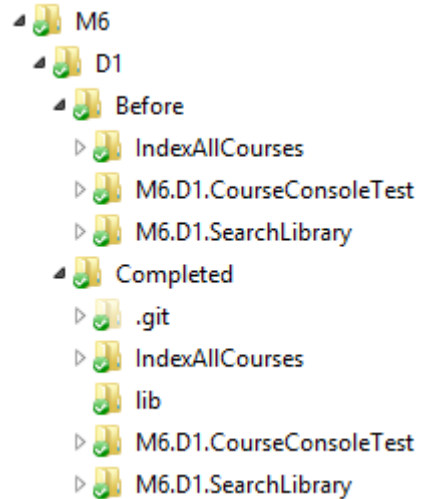
Simplifies the process

Classes and methods for every purpose

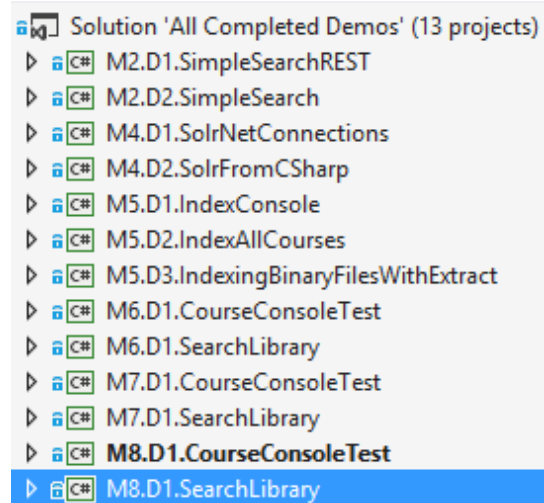
I will explain the process soon



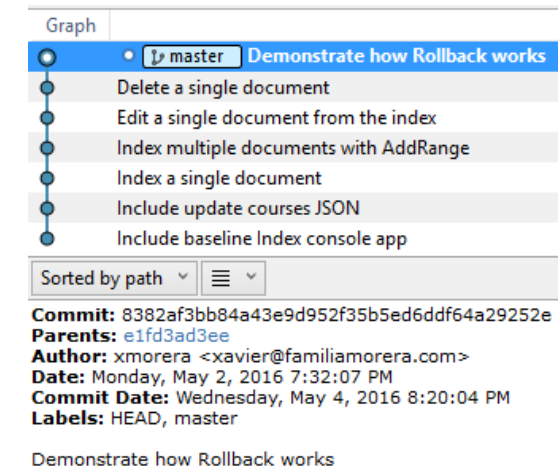
How to Use Demos



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

