

Questionnaire

Participant id: Charles Topacio

First, Last Name: Charles Topacio

Education: BS, COMPUTER INFORMATION
SYSTEMS (DEVRY)

Years of Programming Experience: 4

1) How many years of programming experience do you have? 4

2) What programming languages have you used and for how many years each?

C++ - 3 years

Java - 1 year

3) How often do you use code search engines?

Not often

4) What code search engines have you used and for how long?

Sourceforge 1 year

5) How often can you reuse found applications or code fragments in your work?

~~Quite~~ Sometimes

6) What is the biggest impediment in using code search engines, in your opinion?

I think the search engines find a lot of irrelevant hits when searching for code.

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

~~Entire application~~ Standalone fragment

Questionnaire

Participant id:

First, Last Name: GURUMURTHY
ATHISGNBAHAM

Education: MS in Computer Science
(current)

Years of Programming Experience: 4

1) How many years of programming experience do you have?

4+

2) What programming languages have you used and for how many years each?

C, C++, Java, php, python

3) How often do you use code search engines?

quite often once a week

4) What code search engines have you used and for how long?

SourceForge.net

5) How often can you reuse found applications or code fragments in your work?

Sometimes not always

6) What is the biggest impediment in using code search engines, in your opinion?

Some exact matches might not
show up.

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

rather a code is good.

Questionnaire

Participant id: Katie Harper

First, Last Name: Katie Harper

Education: B.S., Computer Science 2002
MBA - 2009

Years of Programming Experience: 8

1) How many years of programming experience do you have?

8

2) What programming languages have you used and for how many years each?

COBOL - 5 yrs

.NET - 3 yrs

Java - 21 year

3) How often do you use code search engines?

Rarely. usually just Google

4) What code search engines have you used and for how long?

Google... 6 yrs

5) How often can you reuse found applications or code fragments in your work?

Very often overall.

Nearly 100% when provided by coworkers

Approx 40% when found online

6) What is the biggest impediment in using code search engines, in your opinion?

The quality of the source code that is being searched.

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

standalone fragment w/ contextual code (but not whole program)

Questionnaire

Participant id:

First, Last Name: CHERYL FERNANDES

Education: BSc. COMPUTER SCIENCE

Years of Programming Experience: 2

1) How many years of programming experience do you have?

2

2) What programming languages have you used and for how many years each?

JAVA → 8 months

PHP → 12 months

C, C++ → 4 months

3) How often do you use code search engines?

Regularly

4) What code search engines have you used and for how long?

Code projects, g

5) How often can you reuse found applications or code fragments in your work?

most of the time

6) What is the biggest impediment in using code search engines, in your opinion?

1) difference in versions of code, or

2) We have to include/download other libraries

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

Either ways

Questionnaire

Participant id:

First, Last Name: VENIKAT KOGANTI

Education: masters (computer science)

Years of Programming Experience: 4

1) How many years of programming experience do you have?

A) professional - 0
Academic 4-5

2) What programming languages have you used and for how many years each?

A) Java - 2 years
C++ - 4 years
Asp.Net - 1 year

3) How often do you use code search engines?

A) not very often

4) What code search engines have you used and for how long?

A) Sourceforge for the past two years.

5) How often can you reuse found applications or code fragments in your work?

A) about 60 % of the time

6) What is the biggest impediment in using code search engines, in your opinion?

A) Accuracy and relevance of the results to our need

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

A) Stand Alone fragment would be convenient but an entire Application some time can throw light on ways to achieve better usage for that fragment of code.

Questionnaire

Participant id: hsubra2@uic.edu

First, Last Name: HARIHARAN SUBRAMANIAN

Education: MS in Computer Science, UIC

Years of Programming Experience: 6

1) How many years of programming experience do you have?

6 years of academic experience

2) What programming languages have you used and for how many years each?

C - 6 years, C++ - 2 years, Java - 2 years,

VB - 4 years

3) How often do you use code search engines?

Occasionally when the need arises

4) What code search engines have you used and for how long?

Source forge

5) How often can you reuse found applications or code fragments in your work?

Occasionally

6) What is the biggest impediment in using code search engines, in your opinion?

getting accurate and relevant code

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

the former.

Questionnaire

Participant id:

First, Last Name:

Rodrigo Ioris

Education: MSME

Years of Programming Experience: 20

1) How many years of programming experience do you have? 10 years

2) What programming languages have you used and for how many years each?

.NET - 1

COBOL - 10

NATURAL - 8, Others = 1

3) How often do you use code search engines?

N/A

4) What code search engines have you used and for how long?

N/A

5) How often can you reuse found applications or code fragments in your work?

N/A

6) What is the biggest impediment in using code search engines, in your opinion?

N/A

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

Standalone fragment of code

Questionnaire

Participant id:

First, Last Name: VIJAY MANDADI

Education: MS in COMPUTER
SCIENCE

Years of Programming Experience: 6

1) How many years of programming experience do you have?

6

2) What programming languages have you used and for how many years each?

C, C++ → 6

C# → 2

Java → 2

3) How often do you use code search engines?

~~Once in a while when I need something~~ Not very often

4) What code search engines have you used and for how long?

I just use google

5) How often can you reuse found applications or code fragments in your work?

Most of the times. We can use API's if they match
our application.

6) What is the biggest impediment in using code search engines, in your opinion?

Relevance

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

Questionnaire

Participant id: bradley.r.sokola

First, Last Name: Brad Sokola

Education: B.S. EE

Years of Programming Experience: 6

1) How many years of programming experience do you have? 6

2) What programming languages have you used and for how many years each?

C - 4
Java - 2

3) How often do you use code search engines?

Rarely

4) What code search engines have you used and for how long?

Google Code Search < 1 year

5) How often can you reuse found applications or code fragments in your work?

I have occasionally been able to reuse small code fragments for hashing or binary / EBCDIC manipulations.

6) What is the biggest impediment in using code search engines, in your opinion?

~~One~~ There seems to be a lot of time needed to understand the code found before it can be usefully applied to my needs. (Assuming I can't find exactly what I want).

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

I would rather retrieve the standalone fragment with the option to retrieve the rest of the application later.

Questionnaire

Participant id: 10023374

First, Last Name: Liza Obradovic

Education: Marketing & Info Systems

Years of Programming Experience: ~1

1) How many years of programming experience do you have?

2 semesters of java, 1 VB 8 yrs ago

2) What programming languages have you used and for how many years each?

none outside of 3 classes in college

3) How often do you use code search engines?

Never

4) What code search engines have you used and for how long?

Never

5) How often can you reuse found applications or code fragments in your work?

Never

6) What is the biggest impediment in using code search engines, in your opinion?

N/A

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

N/A

Questionnaire

Participant id:

First, Last Name:

Education:

Years of Programming Experience:

- 1) How many years of programming experience do you have?

5 years

- 2) What programming languages have you used and for how many years each?

Java - 2 years

DHTML (JavaScript) - 5 years

Lotus Script - 5 years

- 3) How often do you use code search engines?

Very often.

- 4) What code search engines have you used and for how long?

Google - always

Source forge - ~~often~~ 2

- 5) How often can you reuse found applications or code fragments in your work?

Very often after tweaking & customizing it

- 6) What is the biggest impediment in using code search engines, in your opinion?

gives matching search & not content based search
further the API content and related API needs to be known

- 7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

Standalone fragment of code

Questionnaire

Participant id:

First, Last Name: PAUL MOSIER

Education:

Years of Programming Experience: 35

1) How many years of programming experience do you have?

35

2) What programming languages have you used and for how many years each?

VB - 15

COBOL - 30

JAVA - TRAINING ONLY

3) How often do you use code search engines?

NONE

4) What code search engines have you used and for how long?

NONE

5) How often can you reuse found applications or code fragments in your work?

ROUTINELY, BUT USUALLY FROM MY OWN PROGRAMS

6) What is the biggest impediment in using code search engines, in your opinion?

CUMBERSOME & OFTEN RETURN SO MUCH AS TO
BE OVERWHELMING

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

STANDALONE FRAGMENT

Questionnaire

Participant id: Tim. Crary

First, Last Name: Tim Crary

Education: MS comp sci

Years of Programming Experience: 2

1) How many years of programming experience do you have?

2

2) What programming languages have you used and for how many years each?

Java 1+
C++ 1+

3) How often do you use code search engines?

NEVER

4) What code search engines have you used and for how long?

5) How often can you reuse found applications or code fragments in your work?

occasionally

6) What is the biggest impediment in using code search engines, in your opinion?

trying to find appropriate search ~~terms~~
terms

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

either, whatever gets the code back

Questionnaire

Participant id: 10326946, ryan.c.sponseller

First, Last Name: Ryan Sponseller

Education: Systems Analysis
Miami University

Years of Programming Experience: 5 (not counting HTML, CSS)

1) How many years of programming experience do you have?

5

2) What programming languages have you used and for how many years each?

Java - 2

PHP - 1 year

Python - 6 mo

ASP.Net - 1

HTML - 8 years

SQL - 1.5 yrs

C# - 6 mo

CSS - 6 years

3) How often do you use code search engines?

Not code specific - but Google all the time

4) What code search engines have you used and for how long?

N/A

5) How often can you reuse found applications or code fragments in your work?

95% of the time I use code snippets

Use open source applications and hack into needs ~~for~~

6) What is the biggest impediment in using code search engines, in your opinion?

N/A

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

When starting from scratch = entire app

When hacking at existing code = fragments

Questionnaire

Participant id: Tiffany Mikell

First, Last Name: Tiffany Mikell

Education: BA English

Years of Programming Experience: 3

- 1) How many years of programming experience do you have?

3

- 2) What programming languages have you used and for how many years each?

Java → 1 1/2 yr

.NET → 1 1/2 yr

- 3) How often do you use code search engines?

almost daily

- 4) What code search engines have you used and for how long?

Source Forge & random google searches

- 5) How often can you reuse found applications or code fragments in your work?

Always → never reinvent the wheel
→ when its legal

- 6) What is the biggest impediment in using code search engines, in your opinion?

often times you hamper creativity
by search for something that is
already created

- 7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

standalone

Questionnaire

Participant id: Himani Shah

First, Last Name:

Himani Shah

Education:

electrical engineering

Years of Programming Experience:

~ 1

- 1) How many years of programming experience do you have?

Java & C++ less than 1 year

- 2) What programming languages have you used and for how many years each?

ETL and GUI friendly 2yr.

ETL tools 2yr

Matlab 1yr

- 3) How often do you use code search engines?

never until today

- 4) What code search engines have you used and for how long?

—

- 5) How often can you reuse found applications or code fragments in your work?

—

- 6) What is the biggest impediment in using code search engines, in your opinion?

knowing the right search criteria

- 7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

entire application

Questionnaire

Participant id:

First, Last Name: Whizzle Granger

Education: associates degree

Years of Programming Experience: 3

1) How many years of programming experience do you have?

3

2) What programming languages have you used and for how many years each?

Java 3

3) How often do you use code search engines?

rarely

4) What code search engines have you used and for how long?

5) How often can you reuse found applications or code fragments in your work?

rarely

6) What is the biggest impediment in using code search engines, in your opinion?

finding useful code

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

standalone fragment

Questionnaire

Participant id:

First, Last Name: HIMIT SHAH

Education: Masters of Computer Science
(student)

Years of Programming Experience: 4

1) How many years of programming experience do you have?

4

2) What programming languages have you used and for how many years each?

C-4

C++-3

Java-3

ASP-1

3) How often do you use code search engines?

~~the~~ ~~at~~ often

4) What code search engines have you used and for how long?

www.google.com/codesearch
codease.com

5) How often can you reuse found applications or code fragments in your work?

quite often but they have to be tweaked,
sometimes 50%. or sometimes as much as
70%.

6) What is the biggest impediment in using code search engines, in your opinion?

Often not getting results that I search for.

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

a standalone fragment ~~at~~ ^{most} of code

Questionnaire

Participant id:

First, Last Name: SWETHA SHENDY

Education: MS in CS

Years of Programming Experience: 6

1) How many years of programming experience do you have?

Six

2) What programming languages have you used and for how many years each?

C - 6

C++ - 5

Java - 3

C# - 1

3) How often do you use code search engines?

Quite often.

4) What code search engines have you used and for how long?

Sourceforge

Google Code

5) How often can you reuse found applications or code fragments in your work?

Quite frequently

6) What is the biggest impediment in using code search engines, in your opinion?

—

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

standalone fragment.

Questionnaire

Participant id: *adharuz@uiuc.edu*

First, Last Name: *Arunraj Kumar Dharamar*

Education: *MS in CS*

Years of Programming Experience: *5*

1) How many years of programming experience do you have?

5

2) What programming languages have you used and for how many years each?

Java - 3

C - 5

C++ - 3

3) How often do you use code search engines?

Regularly

4) What code search engines have you used and for how long?

Google - 6 years

Yahoo - 4 years

5) How often can you reuse found applications or code fragments in your work?

NA

6) What is the biggest impediment in using code search engines, in your opinion?

Accuracy

7) Would you rather be able to retrieve a standalone fragment of code or an entire application with a relevant fragment of code in it?

Stand alone fragment of code