

Questionnaire

Participant id:

First, Last Name: NAGA KEERTHI GUMMADI

Education: M.S in CS, UIC

Years of Programming Experience: 4

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

4 years

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

C, C++, JAVA (4 years)
(4 years)

3) How often do you use code search engines?

Not much

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?

The search does not ^{need to} match the required semantics.

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 with a relevant fragment
code in it.

Questionnaire

Participant id:

First, Last Name: Faraz Munshi

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?

C - 4
Java - 3
PHP - 1
SQL - 5

3) How often do you use code search engines?

Very

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?

very often

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?

a fragment of code

Questionnaire

Participant id: varun.kaushal

First, Last Name: Varun Kaushal

Education: computer science bachelors

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?

| | | | |
|----------|---------|------------|--------|
| Java | 4 years | Python | 1 year |
| C, C++ | 4 years | Fortran | 1 year |
| Assembly | 2 years | LUA-script | 1 year |

3) How often do you use code search engines?

almost never

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

sourceforge

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

depending on the code module,
significantly often.

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

generalization & search criteria.
find specific code for general problems ~~the~~ or
vice versa causes difficulties.

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?

most of the time a stand alone fragment is preferred.
in rare situations, full programs are also useful.

Questionnaire

Participant id:

First, Last Name: Gowon Shamilca
Malayaka.

Education:

Years of Programming Experience:

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

3

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

3 - Java
1 - ASP.NET, VB.NET

3) How often do you use code search engines?

I haven't used code search engines frequently.

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

I use only google.

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

Depends on my search criteria and the requirements. mostly

I have ~~8~~ ~~1000~~ ~~always~~ reused code fragments found.

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?

Questionnaire

Participant id: Jacob Kreider

First, Last Name: Jake Kreider

Education: B.S. Computer Info. Systems
M.S. beginning this fall

Years of Programming Experience: 5

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

~~5~~ 5

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

Java - 3 yrs (professionally, more on my own time)

SQL - 5 years

JCL - 1 year

Python - 1 year
HTML / Javascript - 4 years

JSP - 13 yrs.

3) How often do you use code search engines?

Rarely - other than Google

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

Google

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

I can find what I'm looking for 80% of the time,
but probably only 10% of what I find is useful

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

Search overload from marketing lists and the (subscription) site
experts - exchange

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?

fragment

Questionnaire

Participant id: 10419414

First, Last Name: PRATIK, SONAWALA

Education: Almost Masters

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?

Java - 6+ Perl - 6+ VB - 2+
C++ - 3+ PHP - 3+ etc.
ASP - 2+

3) How often do you use code search engines?

~~Rarely~~ Occasionally

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

Mostly Sourceforge, Koder, Google

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

Not in its entirety but one always finds inspiration

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

Hidden bugs, backdoors and of-course legal.

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 would be great.

Questionnaire

Participant id: JON VILLANUEVA

First, Last Name:

Education: B.S. Business Computer
Application

Years of Programming Experience:

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

10 years running but only about 2 year extensive

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

VB 6.0 = Last 6 years till present

Kylix 3.0 or Delphi = 4 years ago (Last used)

Java = 4 years ago (Last Used)

3) How often do you use code search engines?

Not often. I search syntax and write codes from scratch

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

google

sourceforge

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

not very often

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

- structure / compatibility (i.e., required parameters)

- bugs

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?

- fragment of code because some application will confuse me.

Questionnaire

Participant id: 10422752

First, Last Name: Gulbinder Takim

Education: B.E (Computer)

Years of Programming Experience: Six

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

Six

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

Java, - 4
ABAP, - 1
C - 1

3) How often do you use code search engines?

Rarely

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

- source force

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

10%

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

Save time.

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?

to Function & code

Questionnaire

Participant id: gregory.w.bracey

First, Last Name: Greg Bracey

Education: B.S. - Comp. Sci.

Years of Programming Experience: 15

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

15

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

C# - 7 years

VB.NET - 7 years

Java / J2EE - 4 years

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

Not sure what is meant. ~~For~~ For code search, I

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

usually use msdn.microsoft.com

About once a day, or google on average.

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

Occasionally. Often, they give me a clue as to how to approach a development task, but usually the code is too specific to

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

Finding results. Often I find results that do not have code.

reuse w/o many changes

- 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. Often, the entire application is too specific to a particular solution to be useful.

Questionnaire

Participant id: bhavani . belide

First, Last Name: Bhavani Belide

Education: Masters in Accounting

Years of Programming Experience: 3

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

3 years

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

Java - 3 years

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?

Sometimes

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

It will be very helpful to ~~be~~ implement in development

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?

Yes

Questionnaire

Participant id: nathan.j.kinnee

First, Last Name: Nathan Kinnee

Education: BS - Computer Science

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?

Java - 4

HTML - 6

C/C++ - 2

SQL - 6

3) How often do you use code search engines?

Rarely - not aware of any besides Google

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

Just Google - 8 yrs

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

Typically re-use the pattern/algorithm, not full code

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

Finding relevant results

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?

Usually I am looking for just a fragment

Questionnaire

Participant id: 10422375

First, Last Name: Kostadinka Bozhilova

Education: AS

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?

Java, 3 years
Scheme, 1 year
SQL, 2 years

3) How often do you use code search engines?

Almost 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?

I often reuse code from ^{existing} applications, I am adding on to ^{which}.

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

Determining the relevance of the results retrieved.
It is time-consuming to scan/search the code & find relevant pieces.

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 would be easy to see immediately & determine relevance to my needs, but an entire application would allow for viewing context which may be useful.
I think currently for my purposes, standalone would be more useful.

Questionnaire

Participant id: *goran.i.josic*

First, Last Name: *Goran Josic*

Education: *BS in Computer Science*

Years of Programming Experience: *3*

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

3 (not counting college)

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

Java - 8

C++ - 5

C - 3

3) How often do you use code search engines?

~~Always~~ Never

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?

Not often

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

Have not had a reason to use them

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: Wei-I. Hsu

First, Last Name: Wei-I Hsu

Education: MS EECS

Years of Programming Experience: 20

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

> 20

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

Java 4 years

C 8 years

C++ 8 years

VB 4 years

3) How often do you use code search engines?

not often, only google search

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

no

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

quite often

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

is not easy to build the correct database

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: 10349064

First, Last Name: Arpit Shah

Education: UIUC

Years of Programming Experience: ~3

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

Around 3

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

Java - 3

SQL - 2

C++ - 3

3) How often do you use code search engines?

Not often

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

Google Code Search

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

Only if resources are provided for background

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

Inaccuracy or lack of organization/comments

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?

w/ context as to the location in a certain application