

## Informed Consent

### Dependency Management Practices and Values Survey

In this survey you'll be asked some questions about a software ecosystem you participate in, and then, if applicable, your experiences with some package you've worked on in that ecosystem. The study is part of a research project at Carnegie Mellon University, studying how software communities' different priorities lead them to adopt different ways of negotiating changes. The software ecosystem communities you and others participate in may benefit from a better understanding of how their policies accomplish the things they value, and how they burden or benefit different people.

Participation is voluntary, anonymous, and can be withdrawn at any time. Participation will take approximately 15-25 minutes. We do not publish raw data and do not ask for information that can identify you.

If you have questions or concerns about this project, contact Professor Christian Kästner (kaestner@cs.cmu.edu) or Chris Bogart (cbogart@cs.cmu.edu).

By clicking "**I consent; begin the survey**" you are indicating that you are at least 18 years old, have read and understood this form and agree to participate in this research study.

## Ecosystem

### Part I: Ecosystem

Please choose ONE software ecosystem\* in which you publish a package\*\*. If you don't publish any packages, then pick an ecosystem whose packages you use.

\* "Software ecosystem" = a community of people using and developing packages that can depend on each other, using some shared language or platform

\*\* "Package": A distributable, separately maintained unit of software. Some ecosystems have other names for them, such as "libraries", "modules", "crates", "cocoapods", "rocks" or "goodies", but we'll use "package" for consistency.

- ☐ Atom (plugins)
- ☐ Bower
- ☐ C++/Boost
- ☐ Clojure/Clojars
- ☐ Dart/Pub
- ☐ Eclipse (plugins)
- ☐ Erlang,Elixir/Hex
- ☐ Go
- ☐ Haskell (Cabal/Hackage)
- ☐ Haskell (Stack/Stackage)
- ☐ Julia/pkg.julialang.org
- ☐ Lua/Luarocks
- ☐ Maven
- ☐ Meteor/Atmosphere
- ☐ NuGet
- ☐ Node.js/NPM
- ☐ Perl/CPAN
- ☐ Perl 6 (modules.perl6.org)
- ☐ PHP/PEAR/PEAR2/PECL
- ☐ PHP/Packagist
- ☐ Python/PyPi
- ☐ R/Bioconductor
- ☐ R/CRAN
- ☐ Racket/pkgs.racket-lang.org
- ☐ Ruby/Rubygems
- ☐ Rust/Cargo
- ☐ Smalltalk
- ☐ Swift/SwiftPM
- ☐ Swift,Objective-C/CocoaPods
- ☐ Tex/CTAN
- ☐ Wordpress (plugins)

☐ Other

Other (type the name)

**Maven Note:** For the "Maven ecosystem", we are interested in the ecosystem of developers of frameworks and libraries in Java, Scala, and other languages that share artifacts through Maven Central or other Maven repositories.

All questions relating to the Maven ecosystem refer to developers and users uploading or downloading jar files directly or indirectly, for example through build systems or tools like gradle, sbt, ivy, or maven itself.

**Wordpress and Atom (plugin) note:** For these platforms, we are interested in the "ecosystem" of plugins for these platforms. When we ask about dependencies, we are talking about the situation where one plugin needs another plugin in order to function.

The wording of the questions is generic because we ask the same things of authors of general-purpose modules, libraries, and packages for programming languages as well.

## Ecosystem Role

Check the statement that best describes your role in this ecosystem.

- ☐ I'm a founder or core contributor to **\$(e://Field/ECOSYSTEM-ID)** (i.e. its language, platform, or repository).
- ☐ I'm a lead maintainer of a **commonly-used** package in **\$(e://Field/ECOSYSTEM-ID)**.
- ☐ I'm a lead maintainer of at least one package in **\$(e://Field/ECOSYSTEM-ID)**.
- ☐ I have commit access to at least one package in **\$(e://Field/ECOSYSTEM-ID)**.
- ☐ I have submitted a patch or pull request to a package in **\$(e://Field/ECOSYSTEM-ID)**.
- ☐ I have used packages from **\$(e://Field/ECOSYSTEM-ID)** for code or scripts I've written.

About how many years have you been using **\$(e://Field/ECOSYSTEM-ID)** in any way?

- ☐ < 1 year
- ☐ 1 - 2 years
- ☐ 2 - 5 years
- ☐ 5 - 10 years
- ☐ 10 - 20 years
- ☐ > 20 years

**These page timer metrics will not be displayed to the recipient.**

First Click: 0 seconds

Last Click: 0 seconds

Page Submit: 0 seconds

Click Count: 0 clicks

## Ecosystem Values Ratings

How important do you think the following values are to the **{e://Field/ECOSYSTEM-ID} community**?

(**Not to you** personally; we'll ask that separately.)

[illegible]

	Extremely Important	Very Important	Important	Somewhat Important	Not important	Community opposes this value	I Don't know
<b>Replicability:</b> Long term archival of current and historic versions with guaranteed integrity, such that exact behavior of code can be replicated.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>Compatibility:</b> Protecting users from struggling to find a compatible set of versions of different packages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
--	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

	Extremely Important	Very Important	Important	Somewhat Important	Not important	Community opposes this value	I Don't know
<b>Rapid Access:</b> Getting package changes through to end users quickly after their release ("no delays")	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>Quality:</b> Providing packages of very high quality (e.g. good security or correctness)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
---	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

<b>Commerce:</b> Helping professionals build commercial software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
--	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

<b>Community:</b> Collaboration and communication among developers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
---	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

Extremely Important	Very Important	Important	Somewhat Important	Not important	Community opposes this value	I Don't know
------------------------	-------------------	-----------	-----------------------	------------------	------------------------------------	-----------------

	Extremely Important	Very Important	Important	Somewhat Important	Not important	Community opposes this value	I Don't know
<b>Openness and Fairness:</b> ensuring that everyone in the community has a say in decisionmaking and the community's direction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Curation:</b> Providing a set of consistent, compatible packages that cover users' needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fun and personal growth:</b> Providing a good experience for package developers and users	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How confident are you in your ratings of the values of **\$e://Field/ECOSYSTEM-ID** above?

Not confident  
☐

Slightly confident  
☐

Confident  
☐

Very confident  
☐

(OPTIONAL) Is there some other value the **\$e://Field/ECOSYSTEM-ID** community emphasizes that was not asked above? If so, describe it here:

**These page timer metrics will not be displayed to the recipient.**

First Click: 0 seconds

Last Click: 0 seconds

Page Submit: 0 seconds

Important groups of participants

In some ecosystems, some participants have more influence than others over the direction of the ecosystem. In the `{e://Field/ECOSYSTEM-ID}` ecosystem, rate which groups are more or less likely to get what they need or want.

	Highest influence	High influence	Medium influence	Low influence	Lowest influence	I Don't Know/Not Applicable
<b>End users:</b> People who rely on the ecosystem's packages, but do not necessarily contribute packages themselves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Developers:</b> People who write or maintain packages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Leaders:</b> A small group of people who organize the community and set policies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Gatekeepers:</b> People who decide if submitted packages will be made available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Sponsors:</b> Organizations that supply developers, code, tools, money, etc. to the community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thinking about who has influence and gets what they want and need: do you agree that the situation is fair?

Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(OPTIONAL) Why or why not?

(OPTIONAL) If there are other people or groups in **{e://Field/ECOSYSTEM-ID}** who are highly influential, please name them.

## Community Health

Next, we would like to know your perceptions about the health of the **{e://Field/ECOSYSTEM-ID}** ecosystem. Please focus on the last 6 months and use the radio buttons below to indicate your level of agreement to the following:

[illegible]



[illegible][illegible]

## PACKAGES

Package interfaces are generally too unstable in `{e://Field/ECOSYSTEM-ID}`.

It can be difficult to find appropriate packages within the ecosystem, because many packages offer confusingly similar functionality.

**Field/ECOSYSTEM-ID** is perceived as having low quality packages.

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	I don't know
Package changes do not get made available to end users quickly enough after their release.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Users often struggle to find a consistent set of compatible versions of dependencies.

## PEOPLE

People in the community do not have enough say in decisionmaking. (e.g. about policies, leadership, criteria for inclusion, etc.)

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	I don't know
<b>#{e://Field/ECOSYSTEM-ID}</b> is not very attractive to people building commercial software.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds

Last Click: 0 seconds

Page Submit: 0 seconds

Click Count: 0 clicks

## Package you've developed

## Part II: Package

In the following we are going to ask about your experience working on one particular package.

Please think of one package in **#{e://Field/ECOSYSTEM-ID}** you have contributed to recently and are most familiar with.

If you haven't contributed to a package in **#{e://Field/ECOSYSTEM-ID}**, then name some software you've written that relies on packages in **#{e://Field/ECOSYSTEM-ID}** packages.

You may use a pseudonym for it if you are concerned about keeping your responses anonymous.

Do you submit the package you chose to a/the repository associated with

**#{e://Field/ECOSYSTEM-ID}**? (Choose "no" if the ecosystem does not have its own central repository.)

- ☐ Yes, I submit **#{e://Field/PACKAGE-ID}** to a central repository
- ☐ No, I distribute **#{e://Field/PACKAGE-ID}** on my own (via Github, my website, etc)

Is there any software maintained by other people that depends on the package you chose?

Yes  
☐

No  
O

## Package Values

Is the package you chose installed by default as part of a standard basic set of packages or platform tools?

Yes  
☐

No  
O

How important are each of these values in development of `#{e://Field/PACKAGE-ID}` to you personally?

Extremely  
Important

Very Important

## Important

Somewhat  
Important

Not  
important

I oppose  
this value

**Stability:** Backward compatibility, allowing `{e://Field/PACKAGE-ID}` users to make seamless updates ("do not break existing clients")

○

O

O

O

C

○

**Innovation:** Innovation through making fast and potentially disruptive changes

O

O

O

O

C

**Replicability:** Long term archival of current and historic versions with guaranteed integrity, such that exact behavior of code can be replicated.

O

O

O

O

C

**Compatibility:**  
Protecting users from struggling to find a compatible set of versions of different packages

O

O

O

O

C



	Extremely Important	Very Important	Important	Somewhat Important	Not important	I oppose this value
<b>Rapid Access:</b> Getting package changes through to end users quickly after their release	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Quality:</b> (e.g. good security or correctness)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Commerce:</b> Building, or helping users build, commercial software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Community:</b> Collaboration and communication with other developers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Extremely Important	Very Important	Important	Somewhat Important	Not important	I oppose this value
<b>Openness and Fairness:</b> Ensuring that everyone in the community has a say in decisionmaking (e.g. about policies, leadership, criteria for inclusion, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Curation:</b> Contributing to a set of consistent, compatible packages that cover users' needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fun and personal growth:</b> Having fun and learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Extremely Important	Very Important	Important	Somewhat Important	Not important	I oppose this value

(OPTIONAL) Is there some other value important to you personally for **\$(e://Field/PACKAGE-ID)** which was not mentioned?



Making changes to **`\${e://Field/PACKAGE-ID}`**

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
I feel constrained not to make too many changes to <b>`\${e://Field/PACKAGE-ID}`</b> because of potential impact on users.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know what changes users of <b>`\${e://Field/PACKAGE-ID}`</b> want.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If I have multiple breaking changes to make to <b>`\${e://Field/PACKAGE-ID}`</b> , I try to batch them up into a single release.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I release <b>`\${e://Field/PACKAGE-ID}`</b> on a fixed schedule, which <b>`\${e://Field/PACKAGE-ID}`</b> users are aware of.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Releases of <b>`\${e://Field/PACKAGE-ID}`</b> are coordinated or synchronized with releases of packages by other authors.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When working on <b>`\${e://Field/PACKAGE-ID}`</b> , I make technical compromises to maintain backward compatibility for users.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
When working on <b>\${e://Field/PACKAGE-ID}</b> , I often spend extra time working on extra code aimed at backward compatibility. (e.g. maintaining deprecated or outdated methods)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When working on <b>\${e://Field/PACKAGE-ID}</b> , I spend extra time backporting changes, i.e. making similar fixes to prior releases of the code, for backward compatibility.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[illegible]

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	I don't know
Most packages in <b>`\${e://Field/ECOSYSTEM-ID}`</b> with version greater than 1.0.0 increment the leftmost digit of the version number if the change might break downstream code.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Versioning-COND

Making changes to **`\${e://Field/PACKAGE-ID}`**

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
I sometimes release small updates of <b>`\${e://Field/PACKAGE-ID}`</b> to users without changing the version number at all.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For my packages whose version is greater than 1.0.0, I always increment the leftmost digit if a change might break downstream code (semantic versioning).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When making a change to <b>`\${e://Field/PACKAGE-ID}`</b> , I usually write up an explanation of what changed and why (a change log).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
When working on <b>#{e://Field/PACKAGE-ID}</b> , I usually communicate with users before performing a change, to get feedback or alert them to the upcoming change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When making a breaking change on <b>#{e://Field/PACKAGE-ID}</b> , I usually create a migration guide to explain how to upgrade.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
After making a breaking change to <b>#{e://Field/PACKAGE-ID}</b> , I usually assist one or more users individually to upgrade. (e.g. reaching out to affected users, submitting patches/pull requests, offering help)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds

Last Click: 0 seconds

Page Submit: 0 seconds

Click Count: 0 clicks

Dependency participation

Part IV: Dependencies

In this part we will ask about your involvement with your package's dependencies.

In the last 6 months I have participated in discussions, or made bug/feature requests, or worked on development of another package in `${e://Field/ECOSYSTEM-ID}` that one of my packages depends on.

Yes  
☐

No  
☐

Have you contributed *code* to an upstream dependency of one of your packages in the last 6 months (one where you're *not* the primary developer)?

Yes  
☐

No  
☐

About how often do you communicate with developers of packages you depend on (e.g. participating in mailing lists, conferences, twitter conversations, filing bug reports or feature requests, etc.)?

- ☐ Never
- ☐ Less than once a year
- ☐ Several times a year
- ☐ Several times a month
- ☐ Several times a week
- ☐ Several times a day

## MONITORING

For most dependencies that my packages rely on, the way I typically become aware of a change to the dependency that might break my package is:

Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
----------------	----------------	----------------------------	-------------------	-------------------

I read about it in the **dependency project's internal media** (e.g. dev mailing lists, not general public announcements)

☐☐☐☐☐

I read about it in the **dependency project's external media** (e.g. a general announcement list, blog, twitter, etc)

☐☐☐☐☐

A **developer typically contacts me personally** to bring the change to my attention

☐☐☐☐☐

Typically I **get a notification from a tool** when a new version of the dependency is likely to break my package

☐☐☐☐☐

Typically, I find out that a dependency changed because **something breaks** when I try to build my package.

☐☐☐☐☐

How do you typically declare the version numbers of packages that **`$(e://Field/PACKAGE-ID)`** depends on?

- ☐ I specify an exact version number
- ☐ I specify a range of version numbers, e.g. 3.x.x, or [2.1 through 2.4]
- ☐ I specify just a package name and always get the newest version
- ☐ I specify a range or just the name, but I take a snapshot of dependencies (e.g. shrinkwrap, packrat)

What is the common practice in **`$(e://Field/ECOSYSTEM-ID)`** for declaring version numbers of dependencies?

- ☐ Specify an exact version number

- ☐ Specify a range of version numbers, e.g. 3.x.x, or [2.1 through 2.4]
- ☐ Specify just a package name and always get the newest version
- ☐ Specify a range or just the name, but take a snapshot of dependencies (e.g. shrinkwrap, packrat)
- ☐ I don't know

## Avoiding dependencies

Using or avoiding dependencies

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
When adding a dependency to <b><code>\${e://Field/PACKAGE-ID}</code></b> , I usually do significant research to assess the quality of the package or its maintainers, before relying on a package that seems to provide the functionality I need.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It's only worth adding a dependency if it adds a substantial amount of value.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I often choose NOT to update <b><code>\${e://Field/PACKAGE-ID}</code></b> to use the latest version of its dependencies.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When adding a dependency, I usually create an abstraction layer (i.e., facade, wrapper, shim) to protect internals of my code from changes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
When working on <b>`\${e://Field/PACKAGE-ID}`</b> , I often copy or rewrite segments of code from other packages into my package, to avoid creating a new dependency.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When working on <b>`\${e://Field/PACKAGE-ID}`</b> , I must expend substantial effort to find versions of all my dependencies that will work together.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(OPTIONAL) Compare **`\${e://Field/ECOSYSTEM-ID}`** with other ecosystems you've used or heard about -- does one have some features that the other should adopt? If so, name the other ecosystem(s) and describe the feature(s).

(OPTIONAL) Why do you think people chose to design these other ecosystem(s) differently from **`\${e://Field/ECOSYSTEM-ID}`**?

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds

Last Click: 0 seconds

Page Submit: 0 seconds

Click Count: 0 clicks

## Demographics

### Part V: Demographics and motivations

Age

18 - 24  
☐

25 - 34  
☐

35 - 44  
☐

45 - 54  
☐

55 - 64  
☐

65 or older  
☐

Gender

Formal computer science education/training

- ☐ None
- ☐ One or more formal courses (e.g. professional or academic courses)
- ☐ College degree (BS, MS, or PhD)

How many years have you been contributing to open source? (in any way, including writing code, documentation, engaging in discussions, etc)

< 1 year  
☐

1 - 2 years  
☐

2 - 5 years  
☐

5 - 10 years  
☐

10 - 20 years  
☐

> 20 years  
☐

How many years have you been developing or maintaining software?

< 1 year  
☐

1 - 2 years  
☐

2 - 5 years  
☐

5 - 10 years  
☐

10 - 20 years  
☐

> 20 years  
☐

People work on software for many different reasons. They also derive different kinds of satisfaction from such work. Following are some reasons other developers have given us regarding their participation in open source projects. Thinking of your own work on **\$(e://Field/PACKAGE-ID)**, please indicate how important each of these motivations is to you:

Great  
importance

Little  
Importance

I really enjoy it. It is fun.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It gives me the chance to attain a recognized qualification or skill.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It gives me status at work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It increases my opportunities for a better job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is the satisfaction of seeing the results of the work I do.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It gives me a sense of personal achievement.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can add features I want or need to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It gives me status in the community.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It's part of my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It gives me the chance to do things I am good at.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can fix bugs or problems that cause me trouble.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(OPTIONAL) Is there anything else we should have asked, that would help us better understand your experience with community values and breaking changes in **ECOSYSTEM-1**? If so, tell us about it:







